Govt. of {1894} Madras.

JUDICIAL.

Issued

Recd. Encl.

G.O., 22nd June 1894, No. 1530.

JUNE.

Indian Factories Act.

Reviewing the reports on the working of the — in this Presidency during the year 1893.

No: 1669 dy 5th July 1894.
Communicated to officers concerned
(Sd) J. P. J.

To
S. Es. I, II & V Circles
C. Ex. for Rpo.

and Rs. 4–3–7 respectively. These number about 35 per cent. of the total number of workmen. Other workmen, such as spinners, jute-batchers, rovers and carders, &c. earn from Rs. 3–5–0 to Rs. 2–8–0 per month, while the average pay of winders is about Rs. 2–3–0. Most of these low-paid workmen are mere boys *. Women are employed chiefly as jute-batchers, winders, stitchers and on ordinary cooly work. Among them there are one or two carders, drawers and rovers. Their average earnings per month are about Rs. 2-10-0. On the whole the earnings of the operatives are much the same as those of ordinary labourers.

* The Principal Assistant Magistrate states that these are adults certified to be 15 to 17 years of age.

(Sd.) F. D'A. O. WOLFE-MURRAY,
Acting District Magistrate.

10. No children are employed on the work and certificates of age are granted by the civil apothecary at Bimlipatam in all doubtful cases of adults before their admission into the factory. Many of those certified as over 14 † looked, however, to me certainly not more than 10 years of age.

† The Principal Assistant Magistrate is requested to make personal enquiries into some of the cases of employés who appear to be under 14 years of age.

(Sd.) F. D'A. O. WOLFE-MURRAY,
Acting District Magistrate.

11. Registers C and D are not kept as no children are employed. Register A which is required to be kept in my office under Rule 2 has been properly maintained.

12. The machinery is properly fenced and protected. There were 12 accidents during the year, of which 11 were serious. All the injured persons returned to work during the year with the exception of two injured, one on the 9th November and the other on the 12th December. The accompanying statement gives details of the accidents.

13. There were no prosecutions during the year under the Act.

APPENDIX.

1	2	3	4			5	6	7	8	9	10			11			12		13											
Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.											
																			Under section 15 (1) of the Factories Act, clauses									Total of (a) to (i).	Under section 15 (2) of the Factories Act.	Total number of persons convicted.
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)			
Gunny Factory, Chittival	Mr. John Innes.	8th April 1893.	698	136	..	..	Register E and certificates in 1B are kept. C and D registers are nt as no children are employed.	Yes.	Yes.	Water-supply and ventilation & Sanitation is also good. The latccommodation was insufficient as first inspection but was subsequentrreased and is now satisfactory.	Good.	..	Good.	676.	125.	..	845.	..	..	..	..	..	..	..	..	..	..	..	..	..
		22nd Sept. 1893.	645	97	..	..																								
		21st Dec. 1893.	670	123	..	..																								

STATEMENT showing the details of cidents occurred in the Gunny Factory at Chittivalsa ring the year 1893.

No.	Date of accident.	Name of the person injured.	Details of accidents.	Remarks.
1	6th Mar. 1893.	Sootana Ramudu	..ussed when throwing a piece of wood fuel into the boiler furnaces, the middle fingers of the left hand getting jammed between the door frame and the wood. Middle finger of the left hand removed at first joint.	21st March 1893.
2	13th Mar. 1893.	Koya Appaya	..used while a pavement stone was being carried in a sling between the injured person and another cooly. It slipped off and struck the left leg of the injured person. The skin of left leg torn badly.	Returned to work on 17th April 1893.
3	28th Mar. 1893.	Surepu Kanakayya.	he ends of a piece of rove yarn got twisted round the arbor of a spinning frame pressing roller, and in trying to remove it while the machine was in motion, the middle finger of the left hand got into the loop, which cut the finger off at first joint.	Returned to work on 24th April 1893.
4	18th May 1893.	Somisetti Paidayya.	he person cleaned a pair of small spur wheels of the roving frame he was attending while in motion. Hence the accident. Forefinger of the right hand was crushed.	Returned to work on 26th June 1893.
5	20th May 1893.	Nelly Sitamma	he person injured put her left hand too near the delivering rollers of a drawing frame when entering a silver. Left hand crushed.	Returned to work on 1st August 1893.
6	27th May 1893.	Boni Guravadu	he person's left hand came in contact with the circular saw while lifting a piece of wood on the table. Two fingers of the left hand lacerated.	Returned to work on 20th June 1893.
7	1st June 1893.	Javvadi Gunnayya.	he person was boring a knee-iron at a boring machine and the drill twisting the knee-iron out of his hand lacerated it.	Returned to work on 4th July 1893.
8	8th June 1893.	Dooka Appayya	he person allowed the fourth finger of his left hand to get between one of the buffer springs of his loom. The point of fourth finger of left hand cut off.	1st July 1893.
9	3rd July 1893.	Emandi Latchumudu	he person cleaned the gearing of his roving frame while in motion, and his right hand was lacerated between a pair of small spur wheels.	Returned to work on 4th September 1893.
10	1st Nov. 1893.	Kanoorn Pothayya.	he injured man allowed his left hand to pass between the retaining rollers of the spinning frame he was attending. Three fingers of left hand lacerated—one badly.	Returned to work on 18th December 1893.
11	9th Nov. 1893.	M. Brahmaji	hile descending a ladder the injured man lost is footing and fell a distance of about 6 feet o the floor of the carding room. Ankle of ight foot sprained.	22nd January 1894.
12	12th Dec. 1893.	Nadegatoo Asirigadhilu	removing a scaffolding the person injured verbalanced a wooden support which fell on im. Body crushed.	Still under treatment.

STATEMENT to accompany Annual Report on the working of the Factories Act, 1894.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					Remarks.
					Adults.			Children.						Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical officers	By other officers (if any).	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Chittivalsa Gunny Factory, Chittivalsa.	Jute spinning and weaving.	Steam power.	270 indicated horse power.	669	110	779	..	..	..	779	Midday stoppages.	Sunday is a general holiday.	..	*11	1	12	3	..	..	..	3	* Not returned to work within 21 days.

Submitted to Government.

2. There were eleven serious accidents, but all the injured persons returned to work safe.

VIZAGAPATAM,
27*th February* 1894.

(Signed) F. D'A. O. WOLFE-MURRAY,
Acting District Magistrate.

From M.R.Ry. B. NARAYANAMURTY PANTULU Garu, Sub-divisional Magistrate, Goomsur, to the District Magistrate, Ganjám, dated Aska, 1st March 1894, No. 127-Mag.

I have the honour to submit my report on the working of the Aska Sugar Factory and Distillery belonging to Mr. F. J. V. Minchin, of Aska, for the calendar year 1893.

2. During the year under report the factory was thrice inspected by me, viz., on the 23rd February, 19th July and 1st November 1893. On all these occasions Mr. Kollmann, Manager of the factory, gave me every facility in my work of inspection.

3. No children under the age of 14 years were employed.

4. The work-people are divided into two classes; the first class, consisting of mechanics, work by day only from sunrise to sunset with an interval of two hours, while the second class work both by day and night in the sugar manufacture. The latter class is divided into two equal sets, who work alternately for six hours from 8 to 2 and 2 to 8.

5. During the cane-season the second class is divided into three sets who work in shifts of four hours from 8 to 12, 12 to 4 and 4 to 8. The shift-system is in force in this factory and the shifts have been duly approved by the Inspector.

6. The cane-season is from December to the middle of February and the work of refining sugar is carried on from the middle of February to September, and during these periods work is done even on Sundays. The practice not being in conformity with the requirements of section 5 B 2 (*b*) of Act XI of 1891, I requested you in my letter, No. 689-Mag. of 1893, dated 10th November last, to apply to Government and get the factory exempted from the operation of the rule under proviso (2) (*c*) (*i*) to section 5-B of the Act.

7. All dangerous machinery is securely fenced. All the fly-wheels in the factory are surrounded by railings, the fly-wheel of the big beam engine by iron railings, and the diffusion fly-wheel by wooden railings.

8. The sanitary condition of the factory premises is good and the buildings are well ventilated.

9. Three accidents were reported to me during the year under report, and two of the injured persons were treated successfully in the local fund dispensary at Aska, and the third, being under the medical treatment of the civil apothecary at Aska, died at about 1-30 A.M. on the 6th December last. A statement showing the details of each case is appended.

Date of appointment.	Name.	Caste.	Sex.	Age.	How the accident occurred.
				Years.	
25th January 1893 ..	Sonya Naiks.	Bavuree.	Male ..	35	Haying thoughtlessly placed his hand on the lifting lever of a diffusion vessel cover, the top of the second finger of his right hand was severed.
24th July 1893 ..	Mojjee ..	Bavuree.	Male ..	23	This man while carrying jaggery pots in the jaggery godowns unfortunately through a slip of his step fell down causing thereby concussion of the brain.
5th December 1893 ..	Mongolla.	Alliah ..	Male ..	20	Mongollo, the deceased, was working as a bricklayer at the big grindstone in the diffusion building, when one Badoor from the distillery arrived asking the assistance of the former in removing a ladder to the distillery. The ladder was leaning against a pipe. Mongolla took hold of the ladder at the lower end by putting his head through the steps letting thereby the two sides of the ladder rest on his shoulders. Badoor advised Mongollo to adopt a better mode of removing. Unfortunately Mongollo commenced to remove the ladder from its upper support on the pipe before Badoor was quite ready to assist him on the other side; the ladder in its fall threw Mongollo to the ground against a brick pillar, causing thereby concussion of the brain. He died next morning at 1-30 A.M.

10. No prosecutions were instituted under the Act during the year.

11. As I have stated in paragraph 3 *supra*, no children are being employed at all and there was consequently no work to be done by the certifying surgeon, Aska.

12. The statements prescribed in G.O., dated 22nd July 1892, No. 1315, accompany.

P.L. No. 107-Mag.

Submitted to the Chief Secretary to Government, Judicial Department, Madras, with reference to G.O., dated 22nd July 1892, No. 1315, Judicial.

CHATRAPUR,
10*th March* 1894.

(Signed) C. J. WEIR,
Acting District Magistrate.

FORM I.

STATEMENT to accompany Annual District Report on the working of the Factories Act for 1893, Ganjám District.

Serial number.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed. Adults. Males.	Adults. Females.	Adults. Total.	Children. Males.	Children. Females.	Children. Total.	Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (6) otherwise worked.	Number of accidents reported during the year. Fatal.	Serious.	Minor.	Total.	Number of inspections held during the year. By Magistrates.	By Special Inspector of Factories.	By Medical officers.	By other officers, if any.	Total.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
....	Aska Sugar Works and Distillery, Aska.	Sugar Works and Distillery.	Steam.	79 horse-power.	462	2	464	..	..	..	464	The hands employed in the manufacture of sugar are working in shifts of 6 hours; the mechanics and others by midday stoppages.	The mechanics and other workmen have their Sunday holiday; arrangements are also made to give a rest day to those working in shifts.	1	1	1	3	3	..	..	..	3	
					24	57	81	..	..	..	81												
						Employed by contractors from January to April for carrying sugarcane chips.																		

FORM of return to be annually submitted by Inspectors of Factories so as to reach Government by the 31st March.

Name and description of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection. Adults. Males.	Adults. Females.	Children. Males.	Children. Females.	Number of children mustered. Males.	Number of children mustered. Females.	Whether Registers D and E and the file of certificates in Form C are kept.	No.; as no children are employed.	Whether the translation of the rules and of the forms appended in the vernacular of the district is not forthcoming at the time of inspection. Again the notice hung up as required by rule 17 is soiled and unreadable. The attention of the manager has been drawn to this, and he has since remedied the defect.	All the machinery is properly fenced.	State of ventilation and sanitation.	Whether machinery is fenced or not.	Whether (1) Form F under Rule XVI, (2) a copy of the rules framed under the Act, and (3) the notice required by section 7 of the Act, are put up in a conspicuous place.	First-class.	Maximum number of hands employed on any day during the year. Adults.	Maximum number of hands employed on any day during the year. Children.	Number during the year.
1	2	3	4				5		6		7	8	9			10		11		12
Aska Sugar Work and Distillery.	Mr. L. Kollmann.	23rd Feb. 1893.	499	2	..	..	..	..	..	No; as no children are employed.	Yes, but the translation of the rules and of the forms appended in the vernacular of the district is not forthcoming at the time of inspection. Again the notice hung up as required by rule 17 is soiled and unreadable. The attention of the manager has been drawn to this, and he has since remedied the defect.	All the machinery is properly fenced.	534	2	..	..	569	..	..
		19th July 1893.	498	..	..	..	..	..												
		1st Nov. 1893.	486	2	..	..	..	..												

From F. C. PARSONS, Esq., Acting Head Assistant Magistrate, to the District Magistrate, Kistna, dated Bezwada,—March 1894, Dis. No. 77-Magl.

I have the honour to forward my annual report on the working of the Factory Act (XV of 1881) in 1893.

2. There is only one factory in this division, viz., the Department of Public Works Workshop, Bezwada, which is under the charge of the Executive Engineer, Eastern Delta.

3. This factory was thrice inspected by me on 6th April 1893, 11th July 1893, and 14th November 1893.

4. A statement showing the result of inspection, prepared in the form prescribed in G.O., dated 22nd July 1892, No. 1315, is herewith forwarded.

5. Ventilation, sanitary arrangements and fencing of machinery are satisfactory.

6. Registers C and D prescribed by the rules for children were kept, but not in the forms amended by G.O., No. 953, Judicial, dated 20th May 1892. Register E for women was not maintained on the ground that no women were employed in the shop. I asked the Superintendent in charge of the shops to at once amend the Registers C and D and to also open E with *nil* entries. He acted accordingly with regard to the Registers C and E and obtained my signatures thereon. As regards D, I asked him to amend it and this will be done shortly.

7. A copy of the rules in English and Telugu and a table of working hours and holidays are posted up. On my last inspection I found that the notice required by section 10 of the Act was not put up. I pointed it out to the Superintendent and asked him to put it up at once in a conspicuous place.

8. The hours fixed are from 6 A. M. to 6 P.M. with two hours interval, that is, ten hours in all.

9. General health of the operatives and children is good. No women were employed during the year under report.

10. There was only one accident during the year under report, and it was not of a very serious character. Two right-hand fingers of a pariah cooly named Chitty Sannasi were injured on account of his having carelessly put them on a planing machine while at work. He was sent to the local hospital and discharged cured within a week.

11. No prosecutions were ordered under the Act during the year.

12. The return No. I prescribed by the Government of India (*vide* paragraph 2 of G.O., No. 1315, dated 22nd July 1892) is enclosed.

APPENDIX.

1	2	3	4			5	6	7	8	9	10			11		12	13											
Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.									
																			Under section 15 (1) of Factories Act, clauses									Under section 15 (2) of the Factories Act.	Total number of persons convicted.
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to (i).		
Public Works Department Workshop, Bezwada.	Executive Engineer, Kistna Eastern Division.	6th April 1893.	201	..	..	..	Yes	Yes ..	Yes.	Good..	..	..	Good.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		11th July ,,	208	..	..	..	Yes	Yes ..	Do.	Do.	..	..	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		14th Nov. ,,	237	..	5	5	Yes, except E. which will be opened shortly.	Yes, except the notice under section 10 for women, which will be opened shortly.	Do.	Do.	..	Good	Do.	224	..	6	305	6	..	..	..	..	..	..	..	..	..	..	..	..

FORM I.

STATEMENT of the Public Works Department Workshops, Bezwada, to accompany Annual District Report on the working of the Factories Act.

Serial number of factory.	Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					Remarks.
					Adults.			Children.			Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspector of Factories.	By Medical officers.	By other officers (if any).	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Public Works Department Workshop, Kistna, Bezwada.	Caulking, carpentry, ironwork, brass-work, copper work, fitter work, and painting.	Steam power and hand labour.	Generally one stationary engine 20 horse-power.	388	..	388	6	..	6	394	Midday stoppages.	Sundays.	..	..	1	1	3	..	..	..	3	

Submitted to the Chief Secretary to Government, Judicial Department, Madras.

2. The Public Works Department Workshop is the only factory in the district.

MASULIPATAM,
3rd March 1894.

(Signed) J. N. ATKINSON,
Acting District Magistrate.

From M.R. Ry. T. V. NARAYANASAMI IYER, Avargal, Deputy Magistrate, to the District Magistrate, Coimbatore, dated 8th March 1894, No. 33-Magte. Genl.

I have the honour to submit my report on the working of the Factories Act XV of 1881, as amended by Act XI of 1891, together with the statements prescribed in G.O., dated 22nd July 1892, No. 1315, Judicial.

2. The only factory in this division falling within the scope of the Act is "The Coimbatore Spinning and Weaving Company, Limited," situated in Coimbatore town.

3. I inspected the factory twice during the year, and my predecessor, Mr. Ramachendra Row, inspected it during October 1893, making in all three inspections during the year as required by Rule 8.

4. The number of children who worked on the dates of inspection consists of one of the two batches of children, one batch working in the morning and the other and different batch in the evening.

5. The factory has been inspected by the Medical officer thrice during the year.

6. The defects noticed by the inspecting officers have been rectified, and the remarks made by them have been duly communicated to the manager under Rule 11.

7. No children under the age of 9 are employed in this factory and the children allowed to work half-a-day as required by clause 3, section 7, of the Act. The other provisions of sections 7, 8 and 9 are duly complied with.

8. The machinery has been properly fenced and no accidents of any nature happened during the year.

9. The ventilation and sanitation of the factory are in a good condition.

10. No prosecution during the year has been ordered for the offences under the Factories Act.

11. The general condition of the operatives is healthy.

12. A file of certificates in Form B is being properly kept in the factory.

13. Daily wages generally range from 3 to 6 annas for men and from 2 to 4 annas for women and seem quite adequate for the labourers. The wages paid at the factory compare favourably with those of common agricultural labourers. The agricultural labourers seem generally to work for a much shorter period in the day than the labourers at the factory. Their work is easier and less strictly supervised abroad.

14. A register in Form A as required by Rules 2 and 10 has been duly maintained in my office.

15. The working hours are from 6 A.M. to 12 noon and from 1 to 7–30 P.M. with an interval of one hour for food and rest from 12 to 1 P.M., children under 14 working half-time only.

Reference on No. 388-Magte.

Submitted to Government.

2. There are two factories in this district—one at Coimbatore and the other at Tirupur—that come under the purview of Act XV of 1881 as amended by Act XI of 1891. The Coimbatore factory has been sufficiently inspected.

3. The Sub-Divisional Magistrate of Pollachi, within whose jurisdiction the Tirupur Cotton-cleaning and Pressing Company lies, has reported that no inspections were made in the last year. I have called upon him to explain why it was not inspected in accordance to Rule 8 of the Act.

4. The rules as to Sunday labour were in force during the last year in the Coimbatore Spinning and Weaving Mill.

5. The wages of the operatives as compared with other classes of labourers have been reported as directed.

6. There were no accidents in the mills during the year.

7. The nature of the work in which operatives drawing different rates of pay are employed will be reported on when information is received from the Divisional Magistrate of Coimbatore.

COIMBATORE,
19*th April* 1894.

(Signed) R. D. BROADFOOT,
Ag. District Magistrate.

FORM I.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Coimbatore Spinning and Weaving Mill Company, Limited, Coimbatore.	Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.					Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.					Number of inspections held during the year.					Remarks.
						Adults.			Children.					Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspector of Factories.	By Medical officers (if any).	By other officers (if any).	Total.	
						Males.	Females.	Total.	Males.	Females.													
Cotton-spinning.																							
Steam-engine.																							
70 nominal horse-power.																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
						351	139	490	169	11	180	670	By mid-day stoppages.	The mill is closed every Sunday throughout the year and also Native feast-days about 14 days.								6	:
																				8	:		
																			:	8	:		
																		8	:	:	:		

4

APPENDIX.

1	2	3	4			5	6	7	8	9	10			11				12		13									
Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form (F) under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.				Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.									
			Men.	Women.	Children.						Operatives generally.	Children.	Women.	Men.	Women.	Children.		Adults.	Children.	Under section 15 (1) of the Factories Act, clauses							Under section 15 (2) of the Factories Act.	Total number of persons convicted.
																				Total of (a) to (i).	(i)	(h)	(g)	(f)	(e)	(d)	(c)	(b)	(a)	
Coimbatore Spinning and Weaving Mill Company, Limited, Coimbatore.	Alfred Thomas Winn, Esq.	(1) 10th February 1893, by the District Medical and Sanitary officer.	354	149	180	153	Yes ..	Yes ..	Yes ..	Good.	Good.	Good.	Good.	387	143	163	544	184												
		(2) 28th April 1893, by M.R.Ry. Narayanasami Iyer Avargal, Deputy Magistrate.	356	187	185	*87	Do.	Do. ..	Do. ..	Do.	Do.	Do.	Do.																	
		(3) 17th July 1893, by the District Medical and Sanitary officer.	339	133	166	23	Do.	Do. ..	Do. ..	Do.	Do.	Do.	Do.																	
		(4) 2nd October 1893, by M.R.Ry. Ramachendra Rao Avargal, Deputy Magistrate.	355	131	160	* 73	These are maintained in old forms.	Form (1) maintained; (2) rules kept are old ones; (3) notice under section 10 not kept.																						
		(5) 20th November 1893, by the District Medical and Sanitary officer.	342	136	157	35	Yes ..	Yes ..	Do.	Do.	Do.	Do.	Do.																	
		(6) 21st December 1893, by M.R.Ry. Narayanasami Iyer, Avargal, Deputy Magistrate.	386	152	163	† 72	Do. ..	Do. ..	Do. ..	Do.	Do.	Do.	Do.																	

* These were children present in the morning term.

† These were children that were present at the time of my inspection.

From A. M. SLIGHT, Esq., Acting Head Assistant Magistrate of South Canara and Inspector of Factories, to the District Magistrate of South Canara, dated Karkal, 15th March 1894, No. 199.

Referring to your letter, No. 289, dated 27th January 1894, I have the honour to submit my report on the working of the Factories Act XV of 1881, as amended by Act XI of 1891, for the year 1893, and to enclose the statements prescribed in G.O., dated 22nd July 1892, No. 1315, Judicial.

2. Notices were issued to the Managers of two Tile Factories in my division of the intention to place them on the register of factories maintained in my office, but the marginally-named factory alone was found to fall within the scope of the Act. It was accordingly registered.

Basel Mission Tile Works, Malpé, near Udipi.

3. *Inspections.*—This factory is open during the whole of the year, but very little work is done during the monsoon months, viz., June, July, August and September. I inspected it on 28th March and 9th September 1893, and the result of the inspection is apparent from the enclosed statement.

4. *Sanitary condition and arrangements.*—The sanitary condition of the factory is satisfactory. Latrines of cadjan overhanging the backwater are sufficient. The premises are kept clean. The majority of the employés work in the open air or under a roof only. The pug-mill and presses are in a building, where from 30 to 40 people work. There is ample room for them, and abundance of doors and windows which are usually open, so that there is no lack of ventilation. There are two wells in the compound which give a constant supply of good water. Only the pug-mill is worked by steam, the presses are worked by hand.

5. *Health of the operatives.*—The general health of the operatives—males as well as females and children—is good.

6. *Employment of women and children.*—The working hours at the factory are from 7 A.M. to 5-30 P.M. with an interval of one hour at noon. Women are employed the whole day during these hours. Children also were so employed before the factory was taken on the register. As they came in company with their parents and the work they did was very light, I do not think it did them any harm. All Sundays and Christian holidays are observed. During my inspection of the factory in September I found no children at work and was informed that the practice of employing children was stopped on account of the restrictions placed on their employment. There were, however, three children employed at the end of the year.

7. At the first inspection held in March 1893, ten children were mustered and none were under nine years of age.

8. *Certifying Surgeon.*—The Certifying Surgeon did no work during the year under report. No certificates in Form B were granted by him.

9. *Fencing of machinery and mill-gearing.*—The machinery is sufficiently protected. The driving belt of the pug-mill which was at first unprotected has since been properly fenced.

10. *Accidents.*—There were no accidents during the year.

11. *Prosecutions.*—No prosecutions were instituted during the year.

12. *Wages and the general condition of the operatives.*—Employment is limited, as far as possible, to converts of the mission. The wages are generally higher than those earned by the agricultural classes, because the operatives are required to be regular and punctual in their attendance and therefore require special inducement to give up their agricultural pursuits. The high wages are probably also conducive to conversion. The condition of the operatives appears to be generally a good deal better than that of the agricultural classes from among whom they come.

No. 1307.

True copy, with copies of enclosures, submitted to Government.

2. The above report deals with the Basel Mission Tile Works at Malpé near Udipi. The other factories in the district are reported by the Divisional Magistrates not to fulfil the conditions of the Factories Act.

3. The factory at Malpé was open during the whole year under report, but the Divisional Magistrate only inspected it twice instead of at least three times during that period. I have drawn his attention to rule 8 of the rules framed by Government under section 18 of the Act.

4. As the number of persons employed in the building where machinery has been erected appears from paragraph 4 of the above report to have been less than fifty, the minimum number fixed by the Act, I have asked the Head Assistant Magistrate to report more fully whether the hands employed outside the building are connected with those employed within, and if not, whether there is any special reason to move Government for declaring the premises to be a factory for the purposes of the Act.

MANGALORE,
6*th April* 1894.

(Signed) G. W. DANCE,
Acting District Magistrate.

FORM I.

STATEMENT to accompany Annual District Report on the working of the Factories Act for 1893, South Canara District.

Serial number of factory.	Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Whether the factory is worked mainly (1) by shifts, or (2) by mid-day stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 53 (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.						Remarks.
					Adults.			Children.															
					Males.	Females.	Total.	Males.	Females.	Total.	Total of columns 8 and 11.		Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical officers.	By other officers, if any.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Basel Mission Tile Works, Malpé, in Udipi taluk, South Canara.	Tile works.	One steam engine.	14 horse-power.	80	40	120	2	..	2	122	The shift system is not in force. The factory is worked by stoppage. Work is begun at 7 A. M. and stopped at noon, resumed at 1 P. M. and closed at 5-30 P. M.	All Sundays and Christian holidays are observed.	..	..	..	..	2	..	..	..	2	

5

APPENDIX.

ANNUAL return of Factories for the year 1893.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 23, and (3) the notice required by section 10 of the Act are kept up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of				Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.										Remarks.
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of the Factories Act, clauses								Total (a) to (i).	Under section 15 (2) of the Factories Act.	Total number of persons convicted.	Not more than 42 persons work in the actual rooms where the machinery is in work.
																			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Basel Mission Tile Works, Malpé, in Udipi taluk.	Mr. Hermann Bretschneider.	28th March 1893.	81	69	10	None.	Register C is kept. Registers D and E have not been kept since the manager went on leave in July, leaving Overseer M. Sathyan in charge. No certificates in Form B.	Form F and notice under section 10 are properly kept. A vernacular copy of the Factories Act is kept in the factory, but not a copy of the rules under it.	No	Sufficiently protected except the driving belt of the pug mill which should be protected by a small fence. Mchinery is properly fenced.	Two good wells with constant supply; ventilation ample and latrines of cadjan overhanging the river sufficient. Accommodation sufficient. Water-supply sufficient from two wells.	Good.	Good.	Good.	95	51	3	Not known exactly; about 200.	174	24	..	..	..	..	..	..	..	..	..	..	..	..	..
		9th September 1893.	41	26	..																										

From Colonel H. W. H. COX, Commissioner of Police, Madras, to the Chief Secretary to Government, dated Madras, 20th March 1894, No. 36.

I have the honour to submit the annual report for the year 1893 of the Deputy Commissioner of Police as Inspector of Factories in the City of Madras.

ENCLOSURE.

From S. D. SIMPSON, Esq., Deputy Commissioner of Police and Inspector of Factories, to the Commissioner of Police, Madras, dated Madras, 16th March 1894, No. 39.

I have the honour to submit my report on the working of the Factories Act for the calendar year 1893.

2. There were sixteen factories on the register at the beginning of the year; those noted in the margin were added to the list during the year, making in all twenty-two. They were all visited by me at different times, as will be seen from the appendix. Those that have been in existence for 12 months were inspected by me at least three times, and the later additions in proportion to the time they have been on the register.

1. Moothian Chetty and Company.
2. Raju and Company.
3. Municipal Workshops.
4. Municipal Pumping Station.
5. Government Brick-fields.
6. School of Arts.

3. One of the registered factories (Paddy Grinding, &c.) has failed to work continuously through the year with the full complement of hands from want of resources, and the proprietor and manager has gone to seek work in a mill at Bangalore as a temporary measure. If this state of affairs continue next year, I shall either remove this factory from the register or place it in the list of those regarding which I intend to make a special recommendation.

4. In my report last year I said that some of the manufactories that did not come under the purview of the Act were being visited. Two of these have been registered this year, but there are still a few that fall short of the number required to constitute a factory under section 2. Some of these places of business, from want of funds and demand for their produce, have not extended operations, while others again are careful to keep just outside the definition of a factory as given in clause (*l*) of section 2. They employ women and children and their steam engines and other mechanical power with the "mill gearing" want looking after. If this *modus operandi* continue, I shall address Government in the course of the current year with a view to extend the definition of "factory" as laid down in section 20 of the Act. I might mention here that in one of these industries (bone-crushing) a boy about 16 years of age was struck on the head by the breaking of a leather belt and died from fracture of the skull on the 10th October 1893.

5. *Accidents.*—There were in all ninety-seven accidents reported during the year as against sixty-five last year. One was fatal, six were serious and the remaining ninety were of a minor nature. The largest number (51) occurred in the Gun Carriage Factory, but they were all of a trivial nature. There were twenty-two accidents in the Carnatic Mill, two of which were serious. Form I shows the number in each factory. In the fatal case, the deceased, who was employed in the Buckingham Mill, but not on the calendar machine when the accident occurred, put his hands on the rollers of it, when he was seriously injured. He was at once removed to the General Hospital, where he died on the 25th of December, two days after admission. An inquest was held the same day, the verdict being "Death from shock, the result of extensive laceration to his hands by getting them entangled under a roller."

6. The operatives are all in good health and in very fair condition.

FORM I.

STATEMENT to accompany Annual Report on the working of the Factories Act, Madras City.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section (5) B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.	Remarks.
					Adults.			Children.			Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.		
					Males.	Females.	Total.	Males.	Females.	Total.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Gun Carriage Factory, New Town.	Ordnance and miscellaneous works for army service.	96 horse-power boilers. 8 96 horse-power steam engines. 7	15	1,372	2	1,374	1	..	1	1,375	Continuous work from 8 A.M. to 4 P.M.	Sundays and holidays ..	..	..	51	51	3	
2	Southern India Spinning and Weaving Mill, Royapuram.	Spinning yarn	80 horse-power engine. 1 30 horse-power engine. 1	2	667	9	676	..	..	..	676	Midday stoppages.	Sundays and feast days...	..	..	4	4	5	
3	Harbour Works, North Beach.	Making and depositing concrete blocks.	40 horse-power engines. 2 8 horse-power steam cranes. 3 10 horse-power titan cranes. 3 12 horse-power crane. 1 Loco-engines drawing 200 tons. 4 Loco-engines drawing 150 tons. 2	15	371	5	376	..	..	..	376	Do. ..	Sundays and commercial holidays.	..	..	1	1	3	
4	Napier Works, Koorookupet.	General engineering.	10 horse-power steam engine.	1	251	..	251	..	..	..	251	Do. ..	Sundays	..	..	3	3	3	
5	Public Works Workshops, Seven Wells.	Miscellaneous kind of work.	10 horse-power engine. 1 8 horse-power engine. 2 4 horse-power engine.. 1	4	309	1	310	..	..	..	310	Do. ..	Sundays and Government holidays.	..	1	2	3	3	
6	United Spinning and Weaving Mill, Chulay.	Spinning cotton twist.	300 horse-power steam engine.	1	672	38	710	115	4	119	829	Adults by midday stoppages and children by shifts.	Sundays or on varying week days.	..	..	2	2	3	

Statement to accompany Annual Report on the working of the Factories Act, Madras City—*cont.*

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.	Remarks.
					Adults.			Children.			Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.		
					Males.	Females.	Total.	Males.	Females.	Total.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
7	Buchingham Mill, Perambore.	Cotton spinning.	700 horse-power steam engine. 1 600 horse-power steam engine. 1	2	1,418	87	1,505	250	39	289	1,794	Adults by midday stoppages and children by shifts.	Sundays and feast days..	1	..	2	3	3	
8	Carnatic Mill, Perambore.	Cotton spinning and weaving.	100 horse-power steam engine.	1	1,360	25	1,385	133	..	133	1,518	Do. ..	Do. ..	..	2	20	22	3	
9	Cement Works, Koorookupet.	Manufacture of cement, shell-lime bricks and tiles.	30 horse-power steam engine. 1 25 horse-power steam engine. 1 8 horse-power steam engine. 1	3	157	62	219	11	2	13	232	Midday stoppages..	Do. ..	..	..	2	2	4	
10	Bee-Hive Foundry, Popham's Broadway.	Iron and brass founding, Smiths and Engineers.	12 horse-power steam engine.	1	99	..	99	9	..	9	108	Do. ..	Do. ..	..	..	..	..	3	
11	Simpson & Co., Mount Road.	Coach building.	10 horse-power portable engine.	1	215	..	215	11	..	11	226	Do. ..	Sundays and commercial holidays.	..	..	1	1	3	
12	Reliance Foundry, Yagatha Covil Street.	Iron and brass founding.	12 horse-power steam engine.	1	92	..	92	9	..	9	101	Do. ..	Sundays and general holidays.	..	1	..	1	4	
13	Government Printing Press, Mint Buildings.	Printing, binding and type-founding.	8 Horse-power steam engine.	1	838	6	844	..	..	..	844	Do. ..	Sundays and Government holidays.	..	1	2	3	3	
14	Lawrence Asylum Press, Mount Road.	Printing, binding and type-founding.	12 horse-power steam engine.	1	308	..	308	..	..	..	308	Do. ..	Sundays and half on Saturdays.	..	..	..	..	3	
15	Basin Foundry, Buckingham Canal.	Iron founding.	12 horse-power steam engine. 1 8 horse-power steam engine. 1	2	72	..	72	..	..	..	72	Do. ..	Sundays and Hindu festivals.	..	..	..	..	3	

Statement to accompany Annual Report on the working of the Factories Act, Madras City—*cont.*

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed. Adults. Males.	Adults. Females.	Adults. Total.	Children. Males.	Children. Females.	Children. Total.	Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section (5) B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year. Fatal.	Serious.	Minor.	Total.	Number of inspections held during the year.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
16	Paddy Grinding, Cleaning & Oil Manufactory, Trivettoor High Road.	Paddy grinding and manufacturing oil.	20 horse-power engine. 12 horse-power engine. 8 horse-power engine. 14 horse-power boiler engine. 12 horse-power boiler engine.	1 1 2 1 1	20	..	20	..	..	..	20	Midday stoppages.	Sundays and Hindu festivals.	..	..	..	..	3	
17	Moothian Chetty & Co., Washermenpet.	Iron safe manufacture.	Drilling-power .. Punching-machine .. Miscellaneous ..	2 2 2	50	..	50	..	..	..	50	Do. ..	Do. ..	..	..	..	..	3	
18	Raju and Co., Mylapore.	Engineering and iron-founding.	12 horse-power steam engine.	1	117	..	117	5	..	5	122	Do. ..	Do. ..	..	..	..	..	2	Brought on the register on 6th June 1893.
19	Municipal Workshops, Black Town.	Casting, fitting engine and carpentry.	Manual machinery.. (Manual power.)		175	..	175	12	..	12	187	Do. ..	Last Saturdays, Sundays and other holidays.	..	..	..	..	2	Brought on the register on 21st June 1893.
20	Municipal Pumping Station, Royapuram.	Pumping drainage water.	20 horse-power steam engine.	1	51	..	51	..	..	..	51	By shifts ..	Sundays half-a-day ..	..	..	..	..	2	Brought on the registeron 21st June 1893.
21	Government Brick-fields, Poonamallee Road.	Making bricks and tiles.	12 horse-power steam engine.	1	112	62	174	..	..	..	174	Midday stoppages.	Sundays	..	..	1	1	2	Brought on the register on 26th June 1893.
22	School of Arts, Poonamallee Road.	Pottery, carpentry, carpet-weaving, silver and gold smiths' work.	4 horse-power steam engine.	1	57	..	57	..	..	..	57	Do. ..	Sundays and Government holidays.	..	..	..	..	2	Brought on the register on 27th June 1893.
			Total ..	..	8,783	297	9,080	556	45	601	9,681			1	5	91	97	65	

APPENDIX.

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection. Men.	Women.	Children.	Number of children mustered at inspection.	Whether Registers C, D and E, and the file of certificates in Form B are kept.	Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 23, and (3) the notice required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of Women.	Children.	Operatives generally.	Number of persons employed at the end of the year. Men.	Women.	Children.	Maximum number of hands employed on any day during the year. Adults.	Children.	Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses (*a*), (*b*), (*c*), (*d*), (*e*), (*f*), (*g*), (*h*), (*i*), section 15 (2).
Gun Carriage Factory ..	Lieut.-Colonel A. F. Fletcher, Superintendent.	13th Feb. 1893 .. 13th June ,, .. 22nd Nov. ,, ..	1,188 1,273 1,302	2 2 2	5 3 1	5 3 1	Yes ..	Yes ..	Yes.	Good.	Good.	Good.	Good.	1,219	2	..	1,429	5	*Nil.*
Southern India Spinning and Weaving Mill.	Dasalai Burgojee Arasia.	16th Jan. ,, .. 28th Jan. ,, .. 11th Apr. ,, .. 1st June ,, .. 17th Oct. ,, ..	689 729 713 689 728	12 12 10 10 9	5	5	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	760	9	..	769	5	Do.
Harbour Works	Mr. R. W. Thompson, Engineer.	24th Jan. ,, .. 3rd June ,, .. 18th Oct. ,, ..	336 341 354	2 2 2	.. .. ..	.. .. ..	Register E maintained.	Do. ..	Do.	Do.	Do.	Do.	Do.	417	10	..	427	..	Do.
Napier Works	Mr. A. S. Massey ..	10th Feb. ,, .. 10th June ,, .. 18th Dec. ,, ..	163 181 236	.. .. ..	.. .. ..	.. .. ..	No ..	Do. ..	Do.	Do.	Do.	Do.	Do.	267	..	..	286	..	Do.
Public Works Workshops ..	Mr. L. L. Wickham.	25th Jan. ,, .. 15th June ,, .. 29th Nov. ,, ..	361 259 255	2 1 1	.. .. ..	.. .. ..	Register E maintained.	Do. ..	Do.	Do.	Do.	Do.	Do.	268	..	..	418	..	Do.
United Spinning and Weaving Mill.	Mr. E. F. Moody ..	31st Jan. ,, .. 23rd June ,, .. 15th Dec. ,, ..	599 640 644	30 37 40	34 65 63	34 65 63	Yes ..	Do. ..	Do.	Do.	Do.	Do.	Do.	689	42	143	798	151	Do.
Buckingham Mill	Mr. T. A. Wilkinson.	14th Feb. ,, .. 20th June ,, .. 28th Dec. ,, ..	1,331 1,337 1,460	75 62 95	313 269 305	313 269 305	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	1,469	89	302	1,558	307	Do.
Carnatic Mill	Mr. J. Fowler ..	14th Feb. ,, .. 22nd June ,, .. 29th Dec. ,, ..	1,300 1,371 1,359	59 103 13	72 121 125	72 121 125	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	1,391	13	123	1,500	168	Do.
Cement Works	Mr. W. H. Casebourne	3rd Feb. ,, .. 10th June ,, .. 20th July ,, .. 30th Nov. ,, ..	133 128 161 125	62 31 66 55	41 89 8 13	41 89 8 13	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	172	85	14	297	20	Do.
Bee-Hive Foundry	Mr. R. D. Frier ..	24th Jan. ,, .. 2nd June ,, .. 23rd Oct. ,, ..	89 108 109	.. .. ..	7 11 9	7 11 9	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	138	..	16	138	17	Do.

APPENDIX—*cont.*

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D, and E and the file of certificates in Form B are kept.	Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 28, and (3) the notice required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses (*a*), (*b*), (*c*), (*d*), (*e*), (*f*), (*g*), (*h*), (*i*), section 15 (2).
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	
Simpson and Co.	Mr. G. W. Cuddon ..	2nd Feb. 1893..	242	..	15	15	Yes	Yes	Yes	Good.	Good.	Good.	Good.	261	..	9	269	9	*Nil.*
		17th June ,, ..	261	..	11	11	..	..	..	..	..	..	..	..	..	..	..	..	
		23rd Nov. ,, ..	239	..	6	6	..	..	..	..	..	..	..	..	..	..	..	..	
Reliance Foundry	Mr. J. F. Dederick ..	30th Jan. ,, ..	206	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.	73	..	5	206	12	Do.
		5th June ,, ..	126	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		20th Oct. ,, ..	80	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		1st Dec. ,, ..	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Government Printing Press.	Mr. R. Hill, Superintendent.	26th Jan. ,, ..	759	6	..	..	Register E maintained.	..	..	..	..	..	..	803	..	..	903	..	Do.
		12th June ,, ..	712	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		2nd Dec. ,, ..	821	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Lawrence Asylum Press ..	Mr. G. W Taylor ..	28th Feb. ,, ..	329	..	..	..	No	..	..	..	..	..	..	333	..	..	339	..	Do.
		19th June ,, ..	338	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		28th Nov. ,, ..	336	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Basin Foundry	C. Gopala Naiker ..	4th Feb. ,, ..	71	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.	83	..	..	89	..	Do.
		9th June ,, ..	60	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		6th Dec. ,, ..	66	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Paddy Grinding, Cleaning and Oil Manufactory.	Ramanjulu Naidu and Sons.	28th Jan. ,, ..	..	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.	15	..	..	25	..	Do.
		16th June ,, ..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		3rd Nov. ,, ..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Moothian Chetty and Co. ..	Moothiah Chetty ..	21st Feb. ,, ..	47	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.	60	..	..	63	..	Do.
		7th June ,, ..	33	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		7th Dec. ,, ..	52	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Raju and Co.	D. Raju Modelly ..	6th June ,, ..	126	..	14	14	Yes	Do.	Do.	Do.	Do.	Do.	Do.	122	..	..	149	14	Do.
		27th Dec. ,, ..	112	..	6	6	..	..	..	..	..	..	..	..	..	..	..	..	
Municipal Workshops ..	Mr. Loane, Engineer.	21st June ,, ..	150	..	26	25	Do.	Do.	Do.	Do.	Do.	Do.	Do.	243	..	..	259	25	Do.
		4th Dec. ,, ..	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Municipal Pumping Station.	Do. do. ..	21st June ,, ..	51	..	..	..	No	..	..	..	..	..	..	97	..	..	106	..	Do.
		4th Dec. ,, ..	47	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Government Brick Fields ..	Mr. H. Irwin ..	26th June ,, ..	109	57	..	..	Register E maintained.	..	..	..	..	..	..	125	71	..	202	..	Do.
		23rd Dec. ,, ..	123	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
School of Arts	Mr. E. Holder ..	27th June ,, ..	67	..	..	..	No	..	..	..	..	..	..	50	..	..	67	..	Do.
		22nd Dec. ,, ..	49	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

From the Head-quarter Deputy Magistrate, to the District Magistrate, Madura, dated Madura, 25th March 1894, No. 95.

I have the honour to submit my report under the Factories Act XV of 1881 for the year 1893, with the prescribed statements.

2. There is only one factory in this division as in the previous year, viz., "The Madura Mills Company, Limited" under the management of Messrs. A. & F. Harvey.

3. The chief work performed in this factory is the manufacture of cotton yarn by means of machinery driven by a pair of steam engines of 900 indicated horse-power.

4. The factory was inspected thrice on the dates mentioned in the margin by the permanent Deputy Magistrate, Mr. Srinivasa Row, and copies of notes of inspection are herewith submitted. It will be observed from them that the building is well-ventilated and that the sanitary condition of the premises is good. There is sufficient latrine accommodation provided for the operatives. There is also ample supply of good drinking water for the use of the operatives. The health of the operatives, especially of women and children, was generally good.

25th March 1893.
10th November 1893.
21st December 1893.

5. The dangerous parts of the machinery are properly fenced and are not accessible to the operatives and visitors.

6. There was no accident of any kind during the year under report.

7. No prosecutions were instituted under the Act during the year under report as in the previous year.

8. With reference to paragraph 4 of the Resolution of the Government of India, dated 30th June 1892, a statement showing the rates of wages paid by the Company to the operatives, as compared with the local rates, is submitted herewith. The women are paid as piece-workers. They are stated to earn about Rs. 5 a month, or $2\frac{1}{2}$ annas a day.

Reference on C. No. 648.

Submitted to the Chief Secretary to Government, Judicial Department, with copy of enclosures with reference to G.O., dated 22nd July 1892, No. 1315, Judicial.

2. This is the only factory in this district falling under the scope of Act XV of 1881.

MADURA, *4th April* 1894. (Signed) M. TILLAINAYAGAM PILLAI, for *District Magistrate.*

NOTES of Inspection of the Cotton Spinning Factory, Madura.

Inspected the factory between 10 and 11 A. M. to-day.

2. Examined the children working in the factory and referred to the register in the case of those whose ages appeared to be doubtful and found that their ages have been certified by the District Surgeon to be above nine years. The health of the children is good. The age certificate form is still headed C, the heading according to the new rules being B; but there is no difference in the form. Register C has been properly maintained. It was headed B before. It is now headed C according to the new rules, and this has been noted in red ink on the cover. Two registers in form D are opened, one for children working in the morning and one for those working in the afternoon, each set working for $5\frac{1}{2}$ hours. There are 113 on each register. According to C register 460 children have been entertained up to date, but only 226 attend; the rest have ceased to attend.

3. Register E is not maintained as women are piece-workers.

4. F form notice has been put up in a conspicuous part of the building.

5. Tamil translation of the rules has been put up.

6. Ventilation is sufficient. Water-supply is ample. The new latrine buildings have been completed and they are sufficient for all the workmen. Sanitary condition of the factory premises is satisfactory.

25th March 1893. (Signed) M. SRINIVASA Row, *Deputy Magistrate.*

1	Name of factory.	Madura Cotton Mills Company, Limited.		
2	Name of Resident Manager.	A. Urie.		
3	Date of inspection.	25th Mar. 1893.	10th Nov. 1893.	21st Dec. 1893.
4	Number of persons at work on date of inspection. — Men.	381	613	576
	Number of persons at work on date of inspection. — Women.	195	190	188
	Number of persons at work on date of inspection. — Children.	200	203	222
5	Number of children mustered at inspection	95	96	108
6	Whether Registers C, D and E and the file of certificates in Form B are kept.	Yes.		
7	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by rules 25, (3) in the notice required by section 10 of the Act are put up in a conspicuous place.	Yes.		
8	Whether machinery is properly fenced or not.	Yes.		
9	State of water-supply, ventilation, sanitation and accommodation.	All good.		
10	Physical condition of — Women.	Good.		
	Physical condition of — Children.	Good.		
	Physical condition of — Operatives generally.	Healthy.		
11	Number of persons employed at the end of the year. — Men.	601		
	Number of persons employed at the end of the year. — Women.	164		
	Number of persons employed at the end of the year. — Children.	224		
12	Maximum number of hands employed on any day during the year. — Adults.	804		
	Maximum number of hands employed on any day during the year. — Children.	238		
13	Number of persons convicted during the year in respect of the factory named in column 1. — Under section 15 (1) of the Factories Act, clauses (*a*)	..		
	(*b*)	..		
	(*c*)	..		
	(*d*)	..		
	(*e*)	..		
	(*f*)	..		
	(*g*)	..		
	(*h*)	..		
	(*i*)	..		
	Total of (*a*) to (*i*)	..		
	Under section 15 of the Factories Act.	..		
	Total number of persons examined.	..		

FORM I.

STATEMENT to accompany Annual District Report on the working of the Factories Act, Madura District.

1	Serial number of factory.	1
2	Name (and locality) of factory.	Madura Mills Company, Limited.
3	Nature of industry.	Manufacturing cotton yarn.
4	Nature of moving power.	Machinery driven by a pair of steam engines.
5	Amount of moving power.	900 indicated horse-power.
6	Average daily number of operatives employed. — Adults. — Males.	582
7	Average daily number of operatives employed. — Adults. — Females.	182
8	Average daily number of operatives employed. — Adults. — Total.	664
9	Average daily number of operatives employed. — Children. — Males.	217
10	Average daily number of operatives employed. — Children. — Females.	..
11	Average daily number of operatives employed. — Children. — Total.	217
12	Average daily number of operatives employed. — Total of columns 8 and 11.	881
13	Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	The factory is worked by shifts for children from 6-30 to 12 and 12-30 to 6 P.M., and by stoppages from 12 to 12-30 for adults.
14	Whether a general holiday is ordinarily given (1) on Sundays, (2) or varying week days, or (3) whether factory exempted under section 5 B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked.	General holiday on Sunday.
15	Number of accidents reported during the year. — Fatal.	..
16	Number of accidents reported during the year. — Serious.	..
17	Number of accidents reported during the year. — Minor.	..
18	Number of accidents reported during the year. — Total.	..
19	Number of inspections during the year. — By Magistrate.	3
20	Number of inspections during the year. — By Special Inspectors of Factories.	..
21	Number of inspections during the year. — By Medical officers.	..
22	Number of inspections during the year. — By other officers, if any.	..
23	Number of inspections during the year. — Total.	3
24	Remarks.	

(Signed) M. TILLAINAYAGAM PILLAI,
For *District Magistrate.*

STATEMENT showing the rates of wages of the adult male, female and children labourers employed in the Cotton Mill office, in Madura town, and in rural tracts of Madura and Mélúr taluks.

Place.	Male.	Female.	Children.
	Rate of wages.	Rate of wages.	Rate of wages.
Cotton Mill office, Madura town	5 to 7 rupees per month or 3 to 4 annas per day.	4 to 5 rupees per month or 2 to 3 annas per day.	3 to 4 rupees per month or 1½ to 2½ annas per day.
Madura town (other places)	4 annas per day ..	2 to 2½ annas per day.	2 annas per day.
Rural tracts of the Madura taluk	3 annas per day ..	2 annas per day ..	1½ annas per day.
Mélúr town	3 to 4 annas per day.	1½ to 2 annas per day.	2 annas per day.
Rural tracts of the Mélúr taluk	2 to 3 annas per day.	Do. ..	1½ annas per day.

NOTES of Inspection of the Madura Cotton Mill Factory.

1. Everything is satisfactory.

2. The F form notice has been put in a frame under glass as suggested in the remarks made at the last inspection.

3. I understand that no girls are employed now.

4. I mustered the male children employed in the factory and found them in good health. They are all working cheerfully.

5. I examined the several registers maintained in the factory. There is nothing to add to my former remarks in respect of them.

(Signed) M. SRINIVASA ROW,
Deputy Magistrate.

21st December 1893.

NOTES of Inspection of the Spinning Mill Factory, Madura.

Date of Inspection, 10th November 1893.

1. *System of employment.*—Adult males work from 6-30 A.M. to 6 P.M. with an interval of half an hour from 12 noon to 12-30 for rest—11 hours a day. The children work by shifts, *i.e.*, one set from 6-30 A.M. to 12 noon, and another set in the afternoon from 12-30 noon to 6 P.M.

2. *Holidays.*—Generally Sundays are holidays. If work is carried on on any Sunday, holiday is granted on one of the three days immediately preceding or succeeding the Sundays provided in the Act.

3. *Children.*—All the male children employed in the factory were mustered. Their health was good. I observed more grown boys with good physique than on previous occasions. Their ages have been certified by the District Surgeon and a file of the District Surgeon's certificate (Form B) has been properly maintained. The registers C and D have also been properly maintained. I found some girls under the age of 14 years employed in the factory. They were assisting the adult females in ruling thread and some were cleaning parts of the machinery for ruling. I understand that these girls are paid 2 annas a day when employed in cleaning machinery, but that they are not paid anything for assisting the adult females who are employed as piece-workers. The women who are probably related to them as mothers, &c., perhaps themselves employ them. No register is maintained for these girls, nor are their ages certified. Although they do not form part of the regular staff of the factory, they come within the definitions of child, &c., person employed in section 2 of the Factory Act XV of 1881 and therefore under section 9 of the Act and the rules framed by the Government under it, the ages of these girls should be certified by the District Surgeon and registers should be maintained for them.

4. Women are employed as piece-workers and therefore no regular register in the form prescribed in the rules is maintained. But a register has been maintained to show the work turned out by each daily.

5. Written notice showing the hours of work and rest has been put up.

6. All dangerous parts of the engine and machinery connected therewith have been securely fenced. No women or children are employed in working the engine or in any other dangerous works. There have been no accidents this year up to date.

7. The factory is very well ventilated and kept clean and is free from effluvia arising from drains, privy or other nuisance. There is no overcrowding of workmen.

8. A Brahmin waterman has been employed to supply drinking water to the work people and he keeps a sufficient supply of good drinking water.

9. There is good and sufficient latrine accommodation for males and females separately.

10. A copy of the rules under the Factory Act with their Tamil translation has been put up in a conspicuous place in the factory. The F Form notice referred to above seems to have been recently written again. To prevent its being torn or otherwise destroyed, it may be put in a frame under glass.

11. The managers are paying every attention to the comfort and convenience of the work people employed in the factory, and they all appear to be happy.

(Signed) M. SRINIVASA ROW,
Deputy Magistrate.

From A. E. CASTLESTUART STUART, Esq., Acting District Magistrate of South Arcot, to the Chief Secretary to Government, dated Merkanam, 27th March 1894, No. 509-Ind.

I have the honour to submit copies of reports for 1893, with statements Nos. 1 and 2 prescribed in G.O., dated 22nd July 1892, No. 1315, received from the Deputy Magistrates of Cuddalore and Tirukkóyilúr, ex-officio Inspectors, respectively, of Messrs. Parry and Company's sugar factory and distillery at Nellikuppam, Cuddalore taluk, and sugar factory at Tiruvennanallúr, Tirukkóyilúr taluk.

2. These are the only factories in the district. The distillery at Nellikuppam has been treated as a portion of the sugar factory with reference to G.O., dated 2nd December 1893, No. 2530, the decision in which has not been contested.

3. The minimum number of inspections was not held of the sugar factory at Tiruvennanallúr and the explanation for this is given in the remarks column of Return No. 1 submitted by the Deputy Magistrate, Tirukkóyilúr.

4. Information on the points mentioned in paragraph 4 of the Government of India letter read in G.O., dated 22nd July 1892, No. 1315, quoted above, except particulars regarding wages of operatives and prosecutions under the Act is embodied in the returns. There were no prosecutions during the year. As regards wages of the operatives, the Deputy Magistrate, Cuddalore, has made no remarks on the subject; but the Deputy Magistrate, Tirukkóyilúr, records some general observations which go to show that the wages of the workmen in the Tiruvennanallúr factory do not compare unfavorably with those of other classes of labourers. The factory at Nellikuppam being under the same management, it may, I think, be presumed that the wages of operatives in it are based on the same principles. To this question the Inspectors will be asked to devote more attention in the current year and give some details in their next report.

ENCLOSURES.

From M.R.Ry. P. KRISHNA RAO, Avargal, B.A., B.L., Deputy Magistrate, Cuddalore, to the District Magistrate, South Arcot, dated Tirumanikuli, 3rd March 1894.

I have the honour to submit my report on the working of the sugar factory and distillery at Nellikuppam for the year 1893, with Form No. 1 and appendix prescribed in G.O., dated 22nd July 1892, No. 1315.

2. The factory belongs to Messrs. Parry and Company and was inspected four times during the year under report. The first inspection was by Mr. Rajaratna Mudaliar and the third by Mr. Soundaraja Aiyangar, the then Deputy Magistrates who were in charge of the division. The other two inspections were made by me.

3. No children are employed in the factory.

4. The general condition of men and women is good.

5. The factory premises are kept clean and there is sufficient ventilation and water-supply.

6. All the dangerous parts of the factory are well fenced.

7. There were no prosecutions under the Act during the year under report.

FORM No. 1.

STATEMENT to accompany Annual District Report on the working of the Factories Act.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Whether factory is worked mainly (1) by shifts or (2) by midday stopping, or otherwise.	Whether a general holiday is ordinarily given on Sunday or on varying week days or (3) whether factory exempted under section 5-B (2-*c*) or (4) under section 5-B (2-*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					Remarks.
					Adults.			Children.					Fatal.	Serious.	Minor.	Total.	By Magistrate.	By Special Inspectors of Factories.	By Medical officers.	By other officers, if any.	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.	Total of columns 8 and 11.												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Sugar Factory and Arrack Distillery at Nellikuppam.	Manufacturing sugar and arrack.	Steam engine.	Factory engine 3 to 400 horse-power; distillery 3 to 10 horse-power.	710	47	767	..	..	..	767	Worked by both shifts and stoppages; shifts 6 hours and 6 hours off; stoppages from 7 A.M. to noon and 2 P.M. to 6 P.M.	A holiday on varying week days.	..	2	10	12	4	..	..	..	4	

FORM No. 2.

1	2	3	4			5	6	7	8	9	10			11			12	13														14
Name of factory.	Name of the Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rule as required by Rule 23 and (3) the notice required by section 10 of the Act are put up in conspicuous places.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.	Number of persons convicted during the year in respect of the factory named in column 1.														Remarks.
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of the Factories Act, clauses										Under section 15 (2) of the Factories Act.	Total number of persons convicted.	
																			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total (a) to (i).			
Sugar Factory and Arrack Distillery.	Mr. F. N. G. Gill.	29th January 1893.	442	27	..	..	21st January 1893.	Registers C and D are not maintained as no children are employed.	This has been done.	Fenced properly.	Water-supply sufficient, ventilation good, accommodation sufficient, but sanitation is not as good as might be.	Good.	..	Good.	673	52	..	757	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Complete enquiry was made regarding the working hours and holidays of women and men working in the factory. The former are not allowed to work at night and the latter are allowed days of rest. Those working on Sundays are allowed other days of rest.
		20th March 1893.	475	35	..	..	E is kept: no necessity for others.	Yes.	Yes.	Do.	Water-supply, ventilation and accommodation sufficient. Sanitation is as good as could be expected in a factory like this.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.
		30th May 1893.	524	44	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.
		17th August 1893.	466	63	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.

From M.R.Ry. P. RAJARATNA MUDALIAR, Avergal, Deputy Collector and Magistrate, South Arcot, to the District Magistrate of South Arcot, dated 13th February 1894.

I have the honour to submit my report on the working of the Factories Act XV of 1881, in the Tirukkóyilúr division, during the year 1893, together with the statements prescribed in G.O., dated 13th July 1892, No. 1315, Judicial.

2. The only factory in this division falling within the scope of the Act is the sugar factory of Messrs. Parry and Company at Tiruvennanallúr, a village 14 miles from Tirukkóyilúr.

3. I inspected the factory twice during the year under report and found every thing in a satisfactory condition.

4. The factory being situated on the banks of the Mattur river and away from the village, its sanitation was on the whole good. There was also sufficient ventilation.

Children were not employed in the factory and the general appearance of the workmen was always good.

5. The workmen were paid for their daily work, but their wages were distributed once a fortnight. It does not appear that the wages were either low or were unnecessarily withheld, but on the other hand I have reason to believe that the labourers are treated with consideration and were paid ample rewards. The factory was worked by shifts. No irregularity could be observed and the registers were all regularly maintained. I made personal enquiries of the workmen during my visits and satisfied myself that no labourer was overworked. They also had their usual holidays in addition to a day's rest each week.

6. The fencing of the machinery was also satisfactory.

7. There was only one accident on the 21st September 1893. This was not due to any defect in the factory itself, but was the result of the man falling asleep while at work. He fell down a low platform after having been on duty only for 3 hours. Further information regarding the accident is appended below:—

Name	...	Thandavaroyan.
Caste	...	Oodayan.
Sex	...	Male.
Age	...	20 years.
Nature of injury and how caused	...	Slight cut and bruise on the forehead caused by the cooly falling off at a low platform.
Remarks	...	Cured.

8. There were no prosecutions under the Act in the year under report.

9. There were no more than two inspections in the year, because the factory was not worked during the first three months and the Agent gave notice that it would be worked beyond the four months specified in the Act only on the 20th of June last.

FORM No. 1.

1	Serial number of factory.	1
2	Name and locality of factory.	Messrs. Parry and Co.'s Sugar Factory at Tiruvennanallúr.
3	Nature of industry.	Sugar works.
4	Nature of moving power.	Steam engine.
5	Amount of moving power.	16 horse-power.
Average daily number of operatives employed. Adults. 6	Males.	160
Average daily number of operatives employed. Adults. 7	Females.	9
Average daily number of operatives employed. Adults. 8	Total.	169
Average daily number of operatives employed. Children. 9	Males.	..
Average daily number of operatives employed. Children. 10	Females.	..
Average daily number of operatives employed. Children. 11	Total.	..
12	Total of columns 8 and 11.	169
13	Whether the factory is worked mainly (1) by shifts or (2) by midday stoppages or (3) otherwise.	By shifts.
14	Whether a general holiday is ordinarily given (1) on Sundays, (2) on varying week days, (3) or whether factory exempted under section 5-B (2-*c*), or (4) under section 5-B (2-*d*) of the Act, or (5) otherwise worked.	One day, *i.e.*, Sunday, in the week is allowed. Not exempted.
Number of accidents reported during the year. 15	Fatal.	..
Number of accidents reported during the year. 16	Serious.	..
Number of accidents reported during the year. 17	Minor.	1
Number of accidents reported during the year. 18	Total.	1
Number of inspections held during the year. 19	By Magistrates.	2
Number of inspections held during the year. 20	By Special Inspectors of factories.	..
Number of inspections held during the year. 21	By Medical officers.	..
Number of inspections held during the year. 22	By other officers, if any.	..
Number of inspections held during the year. 23	Total.	2
24	Remarks.	There were only 2 inspections in the year because the factory was not worked during the first three months, and the Agent gave notice that it will be worked beyond the four months specified in the Act only on the 20th of June last.

FORM No. 2.

1	Name of factory.	Messrs. Parry and Co.'s Sugar Factory at Tiruvennanallúr.
2	Name of Resident Manager.	Mr. J. F. Morris.
3	Date of inspection.	11th July 1893.	26th Oct. 1893.
Number of persons at work on date of inspection. 4	Men.	152	168
Number of persons at work on date of inspection. 4	Women.	13	4
Number of persons at work on date of inspection. 4	Children.	..	..
5	Number of children mustered at inspection.	..	..
6	Whether Registers C, D and E and the file of certificates in Form B are kept.	They are all kept.
7	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23 and (3) the notice required by section 10 of the Act are put up in conspicuous place.	F is hung. Notice put up in a conspicuous place.
8	Whether machinery is properly fenced or not.	Properly fenced.
9	State of water-supply, ventilation, sanitation and accommodation.	Good.
Physical condition of 10	Women.	Generally good.
Physical condition of 10	Children.	
Physical condition of 10	Operatives generally.	
Number of persons employed at the end of the year. 11	Men.	168
Number of persons employed at the end of the year. 11	Women.	4
Number of persons employed at the end of the year. 11	Children.	..
Maximum number of hands employed on any day during the year. 12	Adults.	200
Maximum number of hands employed on any day during the year. 12	Children.	..
Number of persons convicted during the year in respect of the factory named in column 1. 13 Under section 15 (1) of the Factories Act, clause	(*a*)	..
	(*b*)	..
	(*c*)	..
	(*d*)	..
	(*e*)	..
	(*f*)	..
	(*g*)	..
	(*h*)	..
	(*i*)	..
	Total (*a*) to (*i*).	..
	Under section 15 (2) of the Factories Act.	..
	Total number of persons convicted.	..

From W. J. H. LE FANU, Esq., District Magistrate, Gódávari, to the Chief Secretary to Government, dated Cocanada, 30th March 1894, No. 240-Magl.

I have the honour to submit my report on the working of the Factories Act No. XV of 1881 as amended by Act XI of 1891 in the district for the year 1893.

2. The marginally-noted factories referred to in my last year's report are the only factories that come under the purview of the Act, No. 1 being in the Joint Magistrate's and No. 2 in the Head-quarters Deputy Magistrate's Division.

1. The Department of Public Works Workshop at Dowlaishweram.
2. The Rice Factory at Georgepeta.

3. *I.—Inspection.*—Dowlaishweram Factory was inspected thrice during the year by the Joint Magistrate and the Georgepeta Factory thrice by the Deputy Magistrate. The average daily attendance of men, women and children in each of the factories is as shown below :—

		Dowlaishweram Factory.	Georgepeta Factory.
Men	... ...	131	100
Women	... ...	2	70
Children	Male	...	16
	Female	...	9
	Total ...	133	195

A general holiday is observed on Sundays in both the factories and every one is allowed two hours' rest in the middle of the day.

4. No children are employed in the Dowlaishweram Factory and therefore Registers "C" and "D" and the file of "B" certificates are not maintained. The "F" notice and the notice required by section 10 of the Act, as also a copy of the rules referred to in rule 23, were put up in a conspicuous place.

5. *Georgepeta Factory.*—All the children employed in this factory are of or above 9 years of age. Registers "C", "D" and "E" and the file of certificates in Form "B" are kept up. But the "B" certificates are signed by a person who has not been appointed as the Certifying Surgeon. The working hours of men, women and children during the year under report were the same as in last year's report and the defects pointed out in the last year's report were all remedied. The notice required by section 10 of the Act, the "F" notice and a copy of the rules referred to in rule 23 were all hung up in a conspicuous place.

6. *II.—Sanitary condition of and sanitary arrangements in factories.*—The sanitary arrangements are good at both the factories. The factories are kept clean, and have good ventilation and water-supply.

7. *III.—The general health of the operatives, especially of the women and children* — In both factories the general health of the operatives is reported to have been good.

8. *IV.—Wages and general condition of the operatives, Dowlaishweram factory.*—The monthly wages of a man range from Rs. 25 to Rs. 2-8-0, *i.e.*, Rs. 0-13-4 and Rs. 0-1-4 a day, giving on an average Rs. 0-7-4 per day. The wages of workmen are reported not to be less than what they earn in the neighbourhood. The Joint Magistrate does not give the wages earned by women and the nature of industry on which men are employed. Wages are paid monthly.

9. *Georgepeta factory.*—The wages are regulated according to the work turned out by the workmen. The men get from 3 to 4 annas a day. The women and children get one and half annas a day on the average. These rates are, on the whole, slightly above ordinary rates of wages in the surrounding places. The wages are paid once a week and calculated on the number of actual working days, an allowance for Sundays being made in the case of those who attend to work regularly.

10. *V.—The employment of women and children.*—The two women in the Dowlaishweram factory are employed in cleaning the factory and no children are employed in this factory. The women in the Georgepeta factory are employed in carrying boiled paddy to the platform to dry and in removing the chaff, &c., from the pounded

rice, while the children help the women in drying the boiled paddy and in sweeping and cleaning the factory compound. None of these are employed in places where the machinery is working.

11. *Work of Certifying Surgeon.*—Government has, in its order No. 1591, dated 1st September 1892, appointed the Medical Officer in charge of the Dowlaishweram dispensary as the Certifying Surgeon of the Dowlaishweram factory. No certificates were issued by him as no children were employed. No Certifying Surgeon has as yet been appointed for the Georgepeta factory. The Deputy Magistrate's first nominee is reported not to have closed with the offer and the Deputy Magistrate has been requested to send up another nomination at an early date. Government will be addressed on the subject as soon as the Deputy Magistrate's reply is received.

12. *VI.—Fencing of machinery, &c.*—The machinery in both the factories is reported to have been properly fenced. Only men are allowed to work near the machinery.

13. *VII.—Accidents.*—There were no accidents in either factory and there have been none in the Georgepeta factory for the last 30 years.

14. *VIII.—Prosecutions.*—None were instituted during the year in either of the factories.

FACTORY return to be annually submitted by Inspector of Factories—Gódávari District—for 1893.

Name of Factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates Form 3 are kept.	Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 23, and (3) the notice required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Medium number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.											
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of the Factories Act, clauses								Total (a) to (i).	Under section 15 of the Factories Act.	Total number of persons convicted.
																			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)			
1	2	3	4			5	6	7	8	9	10			11			12		13											
Joint Magistrate's Division.																													
Government Workshop, Dowlaiśhweram.	H. A. Moss, Esq., Executive Engineer.	28th July 1893.	123	2	..	..	Registers 'B,' 'C' and 'D' are not kept as there are no children. Register "E" is kept.	(1) Yes (2) Yes. (3) Yes.	..	Properly fenced.	Good ..	Good.	..	Good	123	2	..	153	..	..	..	..	..	..	..	..	..	..	..	..	..
	J. M. Lacy, Esq., Assistant Engineer.	14th November 1893.	114	2	..	..	'B,' 'C' and 'D' are not kept as there are no children. 'E' is kept.	(1) Yes (2) Yes. (3) Yes.	..	Do. ..	A water-pandal is kept. Ventilation good. Two latrines kept, accommodation sufficient.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		13th December 1893.	162	2	..	..	'B,' 'C' and 'D' are not kept as there are no children. 'E' is kept.	(1) Yes (2) Yes. (3) Yes.	..	Do. ..	Do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Head-quarters Deputy Magistrate's Division.																													
Rice Factory, Georgepeta, Cocanada Division.	Mr. F. Goblin.	21st June 1893.	99	89	16	16	No	Form 'F' only kept.	Yes ..	Good enough.	Good.	Good.	Good.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		17th November 1893.	96	65	25	23	Not properly owing to a misunderstanding of the rules. I have explained them again.	Form 'F' only kept. The others not properly kept.	Do. ..	Do. ..	Do.	Do.	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		26th December 1893.	90	64	21	21	Yes, correctly kept.	All correctly kept.	Do. ..	Do. ..	Do.	Do.	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

FORM I.

STATEMENT to accompany Annual District Report on the working of the Factories Act for 1893.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts or (2) by midday stoppage or (3) otherwise.	Whether a general holiday is generally given (1) on Sundays, or (2) varying week days, or (3) whether exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					Remarks.
					Adults.			Children.						Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical Officers.	By other officials, if any.	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Dowlaishweram Workshop.	Wood and iron works.	Steam engine.	12 horse-power.	131	2	133	..	..	..	133	Midday stoppage.	Every Sunday; every festival day.	..	..	..	..	3	..	..	..	3	Abstract of district total.
2	Rice Factory at Georgepeta.	Manufacture of rice.	Do. ..	40 horse-power.	100	62	162	16	9	25	187	Do. ..	Do. ..	..	..	..	..	3	..	..	..	3	Total number of factories .. .. 2 Iron and wood works. 1 Rice mill .. .. 1 Total .. 2
				Total ..	231	64	295	16	9	25	320			..	..	..	..	6	..	..	..	6	Number of factories inspected 3 times during the year .. 2

From K. C. MANAVEDAN RAJA, Esq., Acting District Magistrate, Anantapur, to the Chief Secretary to Government, dated 9th April 1894, No. 221.

I have the honour to submit herewith copy of the report on the working of the Factories Act together with copies of statements prescribed in paragraph 2 of G.O., dated 22nd July 1892, No. 1315, received from the Sub-divisional Magistrate of Gooty, and to state that there are no factories in the other divisions of the district.

2. Four factories worked during the year under report, all of them being connected with cotton press. One of these, viz., Sabapathy Mudaliar's cotton press at Tadpatri, was not brought under the provisions of the Act, as the number of operatives employed did not reach the minimum (viz., 50) on any working day.

3. Certifying Surgeons have not been appointed for any of the factories and the Deputy Magistrate considers that the appointment of any, at present, is unnecessary.

4. There were no prosecutions and no accidents at all at any of the factories during the year under report.

FORM I.

STATEMENT to accompany Annual District Report on the working of the Factories Act.

Name of District (or Presidency Town)—Gooty Division.

Serial number of factory.	Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.						Remarks.
					Adults.			Children.			Total columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical Officers.	By other officers, if any.	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Volkart United Company, Guntakal.	Cotton pressing.	Steam engine.	86 horse power.	118	160	278	12	14	26	304	Midday stoppages.	There is a general holiday on Sunday but varying as exigencies arise.	..	..	..	..	..	..	..	..	..	Abstract (District Totals)
2	Arbuthnot & Co., Press, Thimmanchorla.	Do. ..	Do. ..	35 horse power.	69	83	152	..	..	..	152	Do. ..	Do.	..	..	..	..	..	..	..	..	..	Total number of factories—3. 2
3	Binny and Co., Cotton Press, Tadpatri.	Do. ..	Do. ..	20 horse power.	37	38	75	..	..	..	75	Do. ..	Do.	..	..	..	..	..	..	..	..	..	Cotton mills ..
				District Totals ..	224	281	505	12	14	26	531			..	..	..	..	2	..	..	..	2	Jute mills ..
																							Woollen mills ..
																							Paper mills ..
																							Breweries ..
																							Flour mills ..
																							Cotton-cleaning factories ..
																							Cotton presses .. 3
																							Jute presses ..
																							Leather works ..
																							Iron works or foundries ..
																							Sugar works ..
																							Printing Presses, &c. ..
																							Total .. 3
																							Number of factories inspected once during year .. 1
																		1				1	Number of factories inspected twice during year .. 2
																							Number of factories inspected three times during year ..
																							Number of factories inspected more than three times duringyear ..
																		5				5	

FORM II.

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form E are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.										
			Men.	Women.	Children.						Women.	Children.	Operative generally.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of Factories Act, clauses									Under section 15 (2) of the Factories Act.	Total number of persons convicted.
																			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total (a) to (i).	
1	2	3	4			5	6	7	8	9	10			11			12		13										
Volkart United Press Company, Guntakal.	Mr. T. C. Read ..	27th June 1893.	150	127	30	30	No	No	Yes. ..	Fair ..	Generally good.	116	26	150	127	30	277	30											
		28th Sept. 1893.	137	106	20	20	Register kept but not in the prescribed form. File of certificates not kept.	Kept	Yes.	Do. ..	Do.																		
Arbuthnot and Co., Press, Thimmanchorla.	Mr. W. C. A. Pritt.	27th June 1893.	96	73	3	3	No	No	Yes.	Good ..	Do.	83		98	83		195												
		29th Sept. 1893.	94	81	..	..	Register kept. File of certificates not kept.	Kept	Yes.	Do. ..	Do.																		
Binny and Co., Cotton Press, Tadpatri.	Mr. T. Grubert ..	19th Sept. 1893.	39	36	..	..	Register kept. File of certificates not kept.	Kept	Yes.	Do. ..	Do.	26		30	26		83												

Note.—This supersedes the form prescribed in paragraph 5 of G.O., dated 19th December 1891, No. 2568.

ENCLOSURES.

From M.R.Ry. K. NARAYANA IYER, Avargal, Deputy Collector and Magistrate of Gooty Division, Anantapur District, to the District Magistrate of Anantapur, dated 25th March 1894, No. 208.

In forwarding herewith two statements prescribed, I have the honour to submit my report on the working of the Factories Act in my division for the calendar year 1893.

2. In the year under report the marginally-noted cotton presses were brought on the register of factories as they were found to come within the scope of the Indian Factories Act XV of 1881 as amended by Act XI of 1891. Besides these, there is another factory, viz., Mr. A. Sabhapathi Mudaliar's cotton press at Tadpatri. I examined it on 7th September 1893 and 28th February 1894. It does not fall under the provisions of the Act, as the number of operatives employed in it is below 50. Hence it was not brought on the register.

1. Volkart United Press Company, Guntakal.
2. Thimmanchorla, Arbuthnot and Co., Press.
3. Binny and Co.'s Press, Tadpatri.

3. In the three factories mentioned above cotton is pressed into bales with the aid of steam engines, whose powers are given in Form No. I.

4. The three presses, viz., Volkart United Press, Messrs. Arbuthnot and Co.'s Press and Messrs. Binny and Co.'s Press, worked actually 139, 125 and 129 days, respectively, during the year under report. The factories were inspected as mentioned below :—

Name of press.	Date of inspection.
(1) Volkart United Press, Guntakal ...	27th June 1893 and 28th Sept. 1893.
(2) Thimmanchorla, Arbuthnot and Co., Press. ...	27th June 1893 and 29th Sept. 1893.
(3) Binny and Co.'s Cotton Press, Tadpatri. ...	19th September 1893.

I had been to Tadpatri on two other occasions, viz., on 3rd September and 19th December 1893, and remained there 6 and 4 days, respectively, but the press marked No. 3 was not working then. It was not inspected by my predecessor during the first half-year. Hence only one inspection was made.

5. Children above 12 years were employed in Messrs. Volkart and Co.'s United Press. There is no Certifying Surgeon, however, to this factory. The children are said to have been employed only for picking up cotton and that they are never allowed to approach the machine.

Three children were found to be employed on 27th June in Messrs. Arbuthnot and Co.'s press, when it was inspected by my predecessor, but they seem to have been since discontinued.

No children were employed in Messrs. Binny and Co.'s cotton press, Tadpatri.

6. The registers in the prescribed forms were not kept in Messrs. Volkart and Co.'s United Press, but only one register is kept allotting certain pages for males, females and children. Necessary instructions were given to maintain the prescribed registers.

Registers C and D were not kept by the agents of Messrs. Arbuthnot and Co.'s press and Messrs. Binny and Co.'s press, as no children were employed in either of these presses. They have kept register marked E.

7. Required notices were hung up. Copy of the rules in English as required by Rule 23 was also hung up in each of the presses, but no translation thereof in the vernacular of the district was hung up. The agents were requested to see that the latter is also hung up in a conspicuous place in the factories.

8. The sanitary condition of all the three factories is good. The premises were found clean and the factories are well ventilated. There are good wells with abundant water-supply in the compounds of the factories except in Messrs. Volkart and Co.'s, where they get the drinking-water from the pipe in the Guntakal Junction railway

station. The health of the operatives was found to be generally good. No latrines have been provided in any of the factories, the coolies preferring to go and ease themselves in the adjoining open plain.

9. Wages are paid generally at the various factories as noted below :—

Serial number and name of factory.	Wages per day for		
	Men.	Women.	Children.
(1) Messrs. Volkart's United Press, Guntakal	As. 4 to 8	As. 2 to 3½	As. 1 to 1½
(2) Messrs. Arbuthnot and Co.'s Press, Thimmanchorla ...	,, 4 to 7	,, 2 to 2½	...
(3) Binny and Co.'s Press, Tadpatri.	,, 3 to 6	,, 2 to 2½	...

10. Men are generally employed in the factories for lifting up bales, &c., women for cleaning and picking cotton, &c., and children for picking cotton.

11. The machinery in each of the factories is secure, being kept in separate rooms where no one is allowed to go except the workmen connected with the machinery.

12. No accidents occurred during the year in any of the factories.

13. There were no prosecutions under the Act during the year.

14. The provisions contained in Factories Act and the rules were observed in this division only during 1893. I will make more inspections during the current year.

From G. S. FORBES, Esq., District Magistrate of Tinnevelly, to the Chief Secretary to Government, dated Tinnevelly, 11th April 1894, No. 389.

I have the honour to report on the working of the Indian Factories Act XV of 1881, as amended by Act XI of 1891, in the district for the calendar year 1893.

2. Of the five factories mentioned in the last year's report, the Tinnevelly Cotton Press Company stopped working at Sáttúr in 1892 and therefore did not come on the register for the year 1893. The Sugar Factory at Tuticorin also ceased to work on the 15th October 1892. Three new factories (Nos. 2, 3 and 4 of the marginal list) came under the operation of the new Act. They were registered after due consideration of the objections of the managers. There were thus six factories, as shown in the margin, on the registers during the year under report, the first four being in the Joint Magistrate's, the fifth in the Head Assistant Magistrate's, and the sixth in the General Duty Deputy Magistrate's divisions. The reports of these officers are enclosed. The statements appended show the dates and the results of the prescribed inspections.

1. Coral Mills Company, Limited, Tuticorin.
2. Volkart Brothers' Cotton Press, Tuticorin.
3. Milligan & Co.'s Cotton Press, Tuticorin.
4. New Berar Company's Cotton Press, Tuticorin.
5. Tinnevelly Mills Company, Pápanásam.
6. Kovilpatti Spinning Company, Limited, Kovilpatti.

3. *Inspections.*—The Coral Mills Company, Tuticorin, and the mills at Pápanásam were inspected thrice. The mills at Kovilpatti were inspected only twice notwithstanding repeated instructions that the mills should be inspected not less than thrice during the year. Mr. Anantarama Iyer, the late Deputy Magistrate, is responsible for the neglect, which, however, must be attributed in part at least to the illness which preceded his death. The other three factories in the Joint Magistrate's division were inspected twice only; they were not open for more than eight months after they were brought on the registers.

4. *Sanitary condition and arrangements.*—The sanitary conditions and arrangements of all the factories were on the whole satisfactory. The buildings are all well ventilated, with suitable arrangements for the supply of good drinking water. Sufficient latrine accommodation is provided at all the factories except at those of Messrs. Volkarts and Messrs. Milligan at Tuticorin. The Joint Magistrate states that arrangements are being made to supply the necessary provision at Messrs. Milligan and Co.'s factory. He has been instructed to serve a notice on Messrs. Volkarts, requiring them to take similar steps.

5. The general health of the operatives is reported to have been good. The rates of wages compare favorably with those earned by the ordinary day-labourer. At the Tuticorin mills they are considerably higher than those of agricultural labourers.

6. *Employment of Women and Children.*—Children are employed only in the factories at Pápanásam and Kovilpatti and women in all the factories except in those of the New Berar Company at Tuticorin. Sufficient recreation appears to have been allowed. The only work done by the Certifying Surgeons appears to have been the granting of certificates of the age of children; but I am issuing instructions to the Divisional officers to have occasional inspections made by the Medical Officers in view of their reporting upon the general health of the operatives and upon the sanitary conditions and arrangements of the factories.

7. All the dangerous portions of the machinery in all the factories are reported to be securely fenced.

8. There were in all eight accidents reported during the year, none of which proved fatal. They are described in the reports enclosed. In January last I personally warned the Manager of the Kovilpatti Mills, where in four cases boys received injuries, to arrange for the exercise of more careful supervision over the young operatives.

9. No prosecutions were instituted under the Act during the year.

ENCLOSURES.

From M.R.Ry. P. SIVARAMA AIYAR, Avargal, Acting Deputy Magistrate on General Duties, Srívillipúttur, to the District Magistrate of Tinnevelly, dated Virudupatti, 1st March 1894.

I have the honour to submit my report on the working of the Indian Factories Act during 1893, together with the statements prescribed in G.O., dated 22nd July 1892, No. 1315.

2. The only factory in this division falling within the scope of the Act is "the Kovilpatti Spinning Company, Limited."

3. It was inspected only twice in the year under report by the late Deputy Magistrate, on the 18th May and 15th September 1893. Copies of notes of inspection were submitted to you at the end of the second and third quarters.

4. *Water-supply*—is quite sufficient. The quality of the water is good though it is not filtered. There is a pond west of the Mill office. There are, besides, three wells within the compound of the Mill office.

5. *Sanitation.*—Most of the mill operatives live close by the mills in small huts built and let on rent by the company. The huts are in good order and are built in rows so as to form small streets. These streets are well swept and clean. A number of latrines have been built at a distance from these habitations and are cleaned daily. The sanitary arrangements are on the whole very fair. There is sufficient ventilation in the factory building.

6. *Employment of Women and Children.*—Adult females and girls are employed exclusively as reelers and are paid on the quantity of work turned out. Their monthly maximum wages amount to Rs. 4, or roughly to 2 annas per diem. Boys are paid wages according to the nature of the work, which range from Rs. 2½ to Rs. 5 as under :—

Doffers	Rs. 2½ to 3
Gaiters	,, 5
Machine boys	,, 3½ to 4½

7. *Fencing of Machinery.*—All dangerous machinery is properly fenced.

8. *Accidents.*—There were five accidents in the year under report. They were all of a minor nature, and the injured in four cases were boys. The injuries in all these cases were slight and were caused in four cases through the carelessness of the injured operatives themselves. In the other case a boy accidentally slipped in and was caught by a driving strap and received two wounds on the head. The injured in the first

four cases were treated by the Medical Officer of the mill and in the other case by the Civil Apothecary at Sáttúr.

9. *Prosecution.*—Nil.

10. The Cotton Presses at Sáttúr and Virudupatti which worked in the year under report were not taken in the list as coming within the scope of the Act and were not inspected by the late Deputy Magistrate.

From W. B. AYLING, Esq., Acting Head Assistant Magistrate, Tinnevelly, to the District Magistrate of Tinnevelly, dated Tinnevelly, 6th March 1894.

I have the honour to submit my report on the working of the Factories Act in this division during 1893.

The only factory in this division belongs to the Tinnevelly Mills Company, Limited, and is located at Pápanásam in Ambásamudram taluk. It was inspected by me thrice during the year under report on the following dates—20th March 1893, 23rd August 1893, and 15th November 1893. The inspection was conducted on the lines prescribed, and the necessary entries were then and there made in the register kept for the purpose.

The structure of the building is good and strong. The ventilation is sufficient and the water-supply is good. The only defect from a sanitary point of view that came to my notice was on my second inspection, when I found the latrine, though regularly cleaned, required to be thoroughly disinfected. On my next visit I found that this had been done.

All the operatives—men, women and children—looked in good condition and healthy.

The average wages earned by the men, women and children employed in the factory are as follows:—

	RS.	A.	P.	
Men	6	15	10	per mensem.
Women	4	8	8	,,
Children	2	0	0	,,

In the case of children who were mustered at the three inspections, the certificates in form B were all found to be correct. The machinery appears to me to be as well fenced as is consistent with proper working.

There were two accidents during the year under report. Neither was of a serious nature. One was caused by an iron door dropping on a man's foot; the other by a man negligently placing his hand between two calender rollers in one of the scutching machines. There were no prosecutions in 1893 under the Factories Act in this division.

The statements prescribed are enclosed within.

From J. H. MUNRO, Esq., Acting Joint Magistrate of Tinnevelly, to the District Magistrate of Tinnevelly, dated 7th February 1894.

I have the honour to report on the working of the Indian Factories Act during the year 1893.

2. There were only two factories, viz., the Coral Mills Company, Tuticorin, and Sugar Factory, Tuticorin, in the register of last year. The latter ceased to work on 15th October 1892. The three factories noted in the margin were found to come within the scope of the Act as amended by Act XI of 1891 and they were entered in the register at the end of June 1893 after the objections of their managers had been heard.

Volkart Brothers (No. 2).
Milligan and Company (No. 3).
New Berar Company (No. 4).

3. *Inspections.*—The Coral Mills Company (No. 1) was inspected thrice and the other three factories only twice as they were not open for more than eight months after being brought to the register.

4. *The sanitary condition*—of all the four factories was found to be on the whole good. The buildings are well ventilated. Water-sheds are kept in factories Nos. 1, 2 and 3. There are separate latrines for males and females in factories Nos. 1 and 4, but none in Nos. 2 and 3. In the case of No. 2 the open country in the rear of the mill is used, and in the case of No. 3 arrangements are being made to build a latrine.

5. The general health of the operatives at the time of inspection appeared to be good. The wages of the operatives employed in the factories appear to be considerably higher than the wages earned by agricultural labourers in this locality.

6. *Employment of Women and Children.*—No children are employed in any of the factories. Some of the boys who work in the Coral Mills appeared to me to be under the age of 14; but medical certificates were produced in every case. Women are employed in the Coral Mills only.

7. The only work which the Certifying Surgeon is doing is the granting of certificates as regards ages of children. I think that he should be required to inspect the factories once a quarter and to report about the health of operatives and about the cleanliness and sanitary arrangements.

8. The machinery in all the factories is properly fenced. The manner in which the machinery in use in the Coral Mills is fenced has been given in the last year's report embodied in G.O., No. 1447, dated 17th July 1893. Only one accident was reported in the Coral Mills. On the 28th October a man sustained a fracture of the left arm, caused by the bursting of the casing of a steam cylinder. He has since recovered. No accidents were reported in the other factories.

9. No prosecutions were instituted under the Act.

10. The usual statements are forwarded.

Factories Act—

Name of Factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 23, and (3) the notice required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.
			Men.	Women.	Children.					
1	2	3	4			5	6	7	8	9
Coral Mills Company, Limited, Tuticorin.	D. Miller ..	17th June 1893. 2nd Sept. ,, 15th Dec. ,,	534 538 368	230 227 234	.. .. ..	.. .. ..	B., C. and D. kept. Another register slightly altered from E is kept to suit the requirements of piece-workers.	Yes ..	Yes.	Good. A water-shed is provided. There are two latrines. Premises well ventilated.
Volkart Brothers' Press, Tuticorin.	G. Tellwœger ..	27th Sept. 1893. 20th Dec. ,,	.. ..	.. ..	.. ..	.. ..	C. and D. is kept, but no entries. E. kept.	Not found.	Yes.	Water-shed is provided. Premises fairly ventilated. No latrine, but open country in the rear of the building is used.
Milligan and Company's Press, Tuticorin.	W. Fleming ..	27th Sept. 1893. 20th Dec. ,,	.. ..	.. ..	.. ..	.. ..	No	Yes ..	Yes.	Water-shed. Premises fairly ventilated. No latrine, but arrangements are being made to build one.
New Berar Company's Press, Tuticorin.	L. A. Montclair ..	27th Sept. 1893. 22nd Dec. ,,	.. ..	.. ..	.. ..	.. ..	No	No ..	Yes.	There are separate latrines for males and females. The buildings are old.
Tinnevelly Mills Company, Limited, Pápanásam.	Edward Smalley ..	20th Mar. 1893. 23rd Aug. ,, 15th Nov. ,,	246 257 235	108 120 117	56 51 63	10 44 19	Yes	Yes ..	Yes.	Water-supply good; ventilation sufficient, and latrine arrangements unobjectionable.
Kovilpatti Spinning Company, Limited, Kovilpatti.	David Jaffrey ..	18th May 1893. 15th Sept. ,,	231 251	83 99	144 192	144 192	Yes	Yes ..	Yes.	Water-supply sufficient, and the water supplied is good. Ventilation sufficient; accommodation and sanitation very fair.

Note.—This supersedes the form prescribed in paragraph

Tinnevelly. [Judicial Form No. 6 (Revised).

Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the Factory named in column 1.												Remarks.
								Under section 15 (1) of Factories Act, clauses										Under section 15 (2) of the Factories Act.	Total number of persons convicted.	
Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total (a) to (i)			
10			11			12		13												14
Normal.	..	Good.	576	225	..	809	..	..	..	..	..	..	..	..	..	..	..	..	..	
..	..	..	8	..	..	64	..	..	..	..	..	..	..	..	..	..	..	..	..	Press not at work for some months and at the time of inspection.
..	..	..	..	..	..	62	..	..	..	..	..	..	..	..	..	..	..	..	..	Do. do.
..	..	..	27	..	..	52	..	..	..	..	..	..	..	..	..	..	..	..	..	Do. do.
	Good.		235	120	65	458	97	..	..	..	..	..	..	..	..	..	..	..	..	
	Good.		315	121	212	436	212	..	..	..	..	..	..	..	..	..	..	..	..	

5 of G.O., dated 19th December 1891, No. 2568.

[Judicial Form No. 7.

STATEMENT to accompany Annual District Report on the working of the Factories Act.
Name of District (or Presidency Town) Tinnevelly.

Serial number of factory.	Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days or (3) whether factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.			Number of inspections held during the year.				Remarks.
					Adults.			Children.		Total columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspector of Factories.	By Medical Officers.	By other officers, if any.	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Coral Mills Company, Limited, Tuticorin.	Cotton spinning.	Steam.	600 horse-power.	559	229	788	..	..	..	788	By mid-day stopping.	Ordinary holidays on Sundays and occasionally on week days.	..	1	..	1	3	..	..	..	3	Abstract (District Totals). Total number of factories 6 Cotton mills .. 3 Jute mills .. .. Woollen mills .. .. Paper mills .. 2 Breweries .. .. Flour mills .. .. Cotton-cleaning factories .. 2 Cotton presses .. 3 Jutepresses .. .. Leather works .. .. Iron works or foundries. 2 Sugar works .. .. Printing Presses, &c. .. .. Total .. 6
2	Volkart Brothers' Press, Tuticorin.	Cotton Press	Do.	120 horse-power.	32	15	47	..	..	..	47	Do.	Do. do.	..	..	..	..	2	..	..	..	2	Number of Factories inspected once during year .. .. ..
3	Milligan & Co.'s Press, Tuticorin.	Do.	Do.	24 horse-power.	6	2	8	..	..	..	8	Do.	General holiday on Sundays.	..	..	..	..	2	..	..	..	2	,, ,, twice ,, ,, 4
4	New Berar Company's Press, Tuticorin.	Do.	Do.	16 horse-power.	31	..	31	..	..	..	31	Otherwise.	All general holidays and all Sundays.	..	..	..	..	2	..	..	..	2	,, ,, three times ,, 2
5	Tinnevelly Mills, Pápanásam.	Cotton spinning.	Water power.	200 horse-power.	246	115	361	57	..	57	418	Midday stoppage.	General holiday on Sunday, and if there be work on Sunday holiday in one of the 3 days preceding or succeeding the Sunday.	..	2	2	2	3	..	..	..	3	,, ,, more than three times during year .. .. ..
6	Kovilpatti Spinning Company, Limited.	Cotton spinning.	Steam.	500 horse-power.	246	104	350	152	52	204	554	Midday stoppage.	General holiday on Sunday except when there are other holidays in the week.	..	5	5	5	2	..	3	..	5	Total .. 6
				District Totals ..	1,120	465	1,585	209	52	261	1,846			..	7	8	8	14	..	3	..	17	

From Captain A. D. G. SHELLEY, R.E., Inspector of Railway Factories, to the Chief Secretary to Government, dated Madras, 14th April 1894, No. 1211.

In compliance with G.O., No. 1315, Judicial, dated 22nd July 1892, I have the honour to forward herewith a report on the Railway Factories for the year 1893, together with the returns prescribed therein.

—

ENCLOSURE.

REPORT on the Railway Factories for the year 1893.

During the year under report the undermentioned factories were maintained on the register of the Government Inspector of Railway Factories, Madras, and were inspected on the dates shown against each of them :—

Name and description of factory.	First inspection.	Second inspection.	Third inspection.
Madras Railway.			
Ráyapuram (Terminal works and engine shed)	20th Feb. 1893.	17th July 1893.	16th Dec. 1893.
Perambúr (Locomotive and carriage shops)	21st ,, ,,	17th ,, ,,	9th Aug. ,,
Jalarpet (Engine shed and workshops)	16th Jan. ,,	(a)	19th Dec. ,,
Pódanúr (do. do.)	19th ,, ,,	(a)	20th ,, ,,
Gooty (do. do.)	15th Feb. ,,	(b)	(b)
South Indian Railway.			
Madras-Egmore engine shed	18th Mar. 1893	1st Aug. 1893.	(c)
Cuddalore engine shed	2nd Feb. ,,	3rd ,, ,,	14th Dec. 1893.
Negapatam (Locomotive and carriage shops)	3rd ,, ,,	4th ,, ,,	11th ,, ,,
Trichinopoly (Engineering shops)	6th ,, ,,	10th ,, ,,	13th ,, ,,
Madura (engine shed)	7th ,, ,,	7th ,, ,,	12th ,, ,,
Nellore (do.)	25th ,, ,,	15th ,, ,,	22nd ,, ,,
East Coast Railway.			
Waltair (Locomotive shops and engine shed) opened in 1893 ..	25th July 1893.	6th Nov. 1893	22nd Dec. 1893
Sitanagram workshop	Closed before any inspection made and consequently removed from the register.		

(a) On a representation having been made to the Consulting Engineer for Railways by the Madras Railway Company in April 1893, it was decided that as the engine stabling sheds are not on other railways in India held to be factories, Pódonúr and Jalarpet might therefore be removed from the list. But in November 1893, Pódanúr and Jalarpet were again, on further consideration, brought on the register of factories in accordance with the instructions laid down in G.O., No. 1447, dated 17th July 1893, Judicial.

(b) From April 1893, Gooty was removed from the register as it does not fall within the scope of the Act, the number of operatives employed being below 50.

(c) The factory at Egmore was, in consequence of incorrect information, not inspected a third time during 1893.

All the railway factories were maintained in a satisfactory condition and the provisions of the Act and the rules published thereunder were duly observed.

The general health of the operatives employed was good.

No women are employed in any of the Railway factories.

The average number of children employed in the various factories daily is 5.

During the year under review, 24 accidents occurred on the South Indian Railway factories, but none of these were of a serious nature. Six minor accidents occurred on the Madras Railway factories.

No prosecutions were ordered during the year for offences under the Factory Act.

An inquiry seems necessary as to whether it has not hitherto been customary by the South Indian Railway, Madras Railway, and East Coast Railway to class together at stations the separate buildings of engine shed with the men employed therein and workshops with the men employed therein. If these buildings are under different roofs and individually contain less than 50 men and otherwise do not come within the scope of the Act, they should be struck out of the list of factories.

The returns prescribed in G.O., No. 1315, Judicial, dated 22nd July 1892, are attached.

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection. Men.	Women.	Children.	Number of children mustered at inspection.	Whether registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23 and (3) the notice required by section 10 of the Act are kept up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of Women.	Children.	Operatives generally.	Number of persons employed at end of the year. Men.	Women.	Children.	Maximum number of hands employed on any day during the year. Adults.	Children.	Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total (a) to (i).	Under section 15 (2) of the Factories Act.	Total number of persons convicted.	Remarks.
1	2	3	4			5	6	7	8	9	10			11			12		13												14
South Indian Railway.																															
Locomotive and carriage shops at Negapatam.	Mr. C. E. Crighton.	3rd Feb. 1893. 4th Aug. 1893. 11th Dec. 1893.	2,310 2,395 2,329	*Nil.*	*Nil.*	*Nil.*	*Nil* ..	Yes ..	Securely fenced.	Clean and well ventilated.	..		Good.	2,656	..	..	2,656	..														Satisfactory.
Locomotive and carriage shops at Madura.	Do. ..	7th Feb. 1893. 7th Aug. 1893. 12th Dec. 1893.	191 207 219	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			213	..	..	213	..														
Locomotive and carriage shops at Cuddalore.	Do. ..	2nd Feb. 1893. 3rd Aug. 1893. 14th Dec. 1893.	93 111 111	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			211	..	..	211	..														
Locomotive and carriage shops at Nellore.	Do. ..	25th Feb. 1893. 15th Aug. 1893, 22nd Dec. 1893.	111 111 111	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			105	..	..	111	..														
Locomotive and carriage shops at Madras-Egmore.	Do. ..	18th Mar. 1893. 1st Aug. 1893.	235 234	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			210	..	..	235	..														
Engineering workshops, Trichinopoly.	Mr. D. Logan .. Mr. W. H. Spalding. Mr. D. Logan, Chief Engineer, South Indian Railway.	6th Feb. 1893. 10th Aug. 1893. 13th Dec. 1893.	584 418 253	Do.	9 6 5	Not mustered. 6 5	Registers C and D and the file of certificates in Form B are kept.	Do. ..	Do. ..	Do.	..		Good.	625	..	5	647	9														
Madras Railway.																															
Rayapuram Terminal works and engine shed.	Mr. J. B. Duncan, Mr. H. C. West, Engineer in charge.	th Feb. 1893. 17th July 1893. 16th Dec. 1893.	240 261 340	*Nil.*	3 2 2	3 2 2	Registers C and D and the file of certificates in Form B are kept.	Yes ..	Securely fenced.	Clean and well ventilated.	..		Good.	340	..	*Nil.*	411	..														Satisfactory.
Perambúr workshop.	Mr. Pilkington, Locomotive Superintendent.	21st Feb. 1893. 17th July 1893. 9th Aug. 1893.	2,686 2,626 2,737	Do.	*Nil.*	*Nil.*	No ..	Do. ..	Do. ..	Do.	..			3,095	..	..	3,160	..														
Pódanúr engine-shed and workshops.	Mr. Phipps, Mr. Pilkington, Locomotive Superintendent.	19th Jan. 1893. 20th Dec. 1893.	71 82	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			72	..	..	86	..														
Jalarpet engine-shed and workshops.	Do. ..	16th Jan. 1893. 19th Dec. 1893.	54 56	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			67	..	..	65	..														
Gooty engine-shed and workshops. *	Do. ..	15th Feb. 1893.	51	Do.	Do.	Do.	Do. ..	Do. ..	No machinery to fence.	Do.	..			53	..	.	53	..														
East Coast Railway.																															
Waltair Locomotive, carriage and wagon workshops.	Mr. E. W. M. Hughes. Mr. A. Martin, Locomotive Superintendent.	25th July 1893. 6th Nov. 1893. 22nd Dec. 1893.	992 892 892	Do.	Do.	Do.	Do. ..	Do. ..	Yes, but fencing required round main driving belts.	Do.	..			About 400	..	..	900	..														

* Since removed from the register.

FORM I.

STATEMENT to accompany the annual report on the working of the Railway factories in the Madras Presidency during 1893.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days or (3) whether factory exempted under section 5-B (2-c), or (4) under section 5-B (2-d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.				Remarks.
					Adults.			Children.														
					Males.	Females.	Total.	Males.	Females.	Total.	Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspector of Factories.	By Medical officers.	By other officers, if any.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Perambúr workshops situated in Siruvallur village, Saidapet taluk, Chingleput district.	Locomotive and carriage and wagon works.	For driving machinery.	Four stationary engines equal to 472 horse-power.	3,117	..	3,117	..	..	..	3,117	By midday stoppages; from 11 A.M. to 12-30 P.M. daily.	General holiday on Sunday.	..	..	..	..	..	..	..	3	3	*Abstract Total number of factories* 11.
2	Terminal workshops, Ráyapuram, Madras district.	Miscellaneous wrought timber and iron work.	For working circular saws, latches and drilling machines.	Two engines 6 and 12 horse-power each.	328	..	328	2	..	2	330	Midday stoppages, 11 A.M. to 1 P.M.	Do. ..	..	..	..	..	..	..	..	3	3	Cotton mill .. .. Jute .. .. .. Woollen .. .. .. Paper .. .. .. Breweries .. .. .. Flour .. .. .. Cotton-cleaning factories .. .. Cotton-presses .. Jute presses .. .. Leather works .. .. Iron works and foundries .. .. 11 Sugar works .. .. Printing presses ..
3	Pódanúr workshop and engine shed, Coimbatore district.	Locomotive and carriage and wagon works.	Driving machines.	One stationary engine equal to 20 horse-power.	89	..	89	..	..	..	89	Midday stoppages, from 11 A.M. to 12-30 P.M.	Do. ..	..	..	..	..	..	..	..	2	2	Total .. 11
4	Jalarpet ..	Do. ..	Do. ..	One stationary engine equal to 10 horse-power.	76	..	76	..	..	..	76	Do. ..	Do. ..	..	..	..	..	..	..	..	2	2	Number of factories inspected once during the year .. .. * 1 ,, ,, twice ,, ,, 3 ,, ,, thrice ,, ,, 8 ,, ,, more than three times. ..
5	Engineering workshops, Trichinopoly, Trichinopoly district.	Maintenance way, works, sundry carpenters' and blacksmiths' works.	Portable engines.	Two engines of 10 horse-power each.	358	..	358	8	..	8	366	By stoppages, from 12 noon to 1-30 P.M.	Do. ..	..	..	..	..	..	..	..	3	3	Total .. 12

* This factory was removed from the list in April 1893.

Statement to accompany the annual report on the working of the Railway factories in the Madras Presidency during 1893—*cont.*

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days or (3) whether factory exempted under section 5-B (2-c), or (4) under section 5-B (2-d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.				Remarks.
					Adults.			Children.														
					Males.	Females.	Total.	Males.	Females.	Total.	Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical officers	By other officers, if any.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
6	Locomotive and carriage shops, Negapatam, Tanjore district.	Machinery and works for engines and rolling-stock.	5 horizontal stationary engines.	2 of 25 horse-power. 2 of 18 horse-power. 1 of 15 horse-power.	2,656	..	2,656	..	..	..	2,656	By stoppages; Monday to Friday from 11 A.M. to 12-30 P.M. on Saturdays factory closes at 12-30 P.M. for the remainder of the day.	General holiday on Sunday.	..	..	..	..	..	..	..	3	3	
7	Locomotive and carriage shops, Madura, Madura district.	Do. ..	1 horizontal stationary engine.	Of 25 horse-power.	213	..	213	..	..	..	213	Do. ..	Do. ..	..	..	..	..	..	..	..	3	3	
8	Locomotive and carriage shops, Cúddalore, South Arcot district.	Do. ..	1 portable engine.	10 horse-power	211	..	211	..	..	..	211	Do. ..	Do. ..	..	..	..	..	..	..	..	3	3	
9	Locomotive and carriage shops, Madras-Egmore, Madras district.	Do. ..	Hand-power..	....	210	..	210	..	..	..	210	Do. ..	Do. ..	..	..	..	..	..	..	..	2	2	
10	Locomotive and carriage shops, Nellore, Nellore district.	Do. ..	Do. ..	....	105	..	105	..	..	..	105	Do. ..	Do. ..	..	..	..	..	..	..	..	3	3	
11	Locomotive and carriage work shops at Waltair.	Locomotives and carriages.	Steam portable engines.	1 of 20 horse-power. 2 of 10 horse-power each.	900	..	900	..	..	..	900	By midday stoppages; 8½ hours working every day.	Do. ..	..	..	..	..	..	..	..	3	3	

From H. BRADLEY, Esq., Acting District Magistrate of Malabar, to the Chief Secretary to Government, dated Angadipuram, 16th April 1894, No. 318-M.-Gl. :—

I have the honour to submit my report on the working of the Indian Factories Act during the year 1893.

2. Of the seven factories that remained on the register at the commencement of the year under report, Messrs. Peirce Leslie and Company's Karaparamba Coffee works in Cutchery amsam, Calicut, was excluded from the list of factories, as the firm arranged to separate the engine room, in accordance with the instructions contained in G.O., dated 12th December 1892, No. 2289. The following three factories were newly brought on the register during the year :—

(1) The Kodakal Tile Manufactory, near the Edakolam Railway Station in Ponani.
(2) Pallicoon Coffee-curing Works of Messrs. Alston Low and Company, Tellicherry (now Messrs. Arbuthnot and Co.).
(3) The Chunadam Coffee-curing Works of Messrs. Peirce Leslie and Company, Tellicherry.

The first of these was registered on 15th September 1893, and the second and third on 28th February 1893. The Chunadam works were, however, removed from the list on 6th March 1893, as the necessary alterations were made in the premises by which the garbling sheds were completely separated from the rooms containing machinery. The hydraulic press of Messrs. Volkart Brothers at Cochin was also brought under the operations of the Act on the 30th of December last, but it was burnt down about a month after, in a fire that broke out in their yard on the 2nd of February last. There was another press belonging to Messrs. Brunton and Sons at Cochin, in connection with which the prescribed notice was served, but before the objections could be heard, and the matter disposed of, that press was also destroyed by fire.

The present report, therefore, deals with the eight factories enumerated below :—

(1) Pallicoon Coffee Works, Tellicherry.
(2) Malabar Spinning and Weaving Company, Limited.
(3) Plantation House Works, Malaparamba.
(4) Kallai Works, Calicut.
(5) Mercantile Mission Tile Works, Calicut.
(6) Mamally Coffee Works.
(7) Calicut Tile Works.
(8) Basel Mission Tile Works, Kodakal.

3. Factories Nos. 2 and 7 were inspected three times during the year, Nos. 4, 5, 6 and 8 twice, and Nos. 1 and 3 only once. Of these Nos. 1, 3 and 6 were worked for only about five months in the year; No. 8 was registered only on 15th September. In the case of the remaining factories, Nos. 4 and 5 in the Calicut Division, the full number of inspections was not made during the year, owing to several changes of the Divisional-officers having occurred during the year.

The chief defects noticed at the inspections were the failure to put up notices, the absence of certain registers prescribed by the rules, and the non-production of the prescribed certificates regarding the age of children. These defects were rectified in the majority of instances after they were pointed out. In the case of factory No. 1, the Joint Magistrate noticed at the time of inspection that engine No. 2 and the belting of engine No. 1 and the winnowing machine required fencing. This has since been done by the firm.

4. The sanitary condition of the factories was on the whole good and the sanitary arrangements made satisfactory. All the factories are located in substantial and well-ventilated buildings with good supply of water.

5. The general health of the operatives was good. The women and children are reported to be paid according to the outturn of work, and thus no pressure seems to be brought to bear on them. All the factories adopt the system of midday stoppage

more or less and the hours of relaxation prescribed by the rules seem to be allowed. The work they are called on to do is also of a light description.

6. The wages in the Calicut division in the case of males were from 2 annas 6 pies to 4 annas a day, and in the case of women from 2 annas to 3 annas. Children were paid from 1 anna to 2 annas 6 pies per diem. Considering the state of the labour market and the wages earned by coolies upon other work, the wages earned by factory labour must be considered to be very fair. There were at any rate no complaints either of non-payment of wages or of payments at a low rate, nor were there any complaints of ill-treatment during the year.

7. The Certifying Medical Officer inspected all the factories except the two new ones (Nos. 1 and 8) once in the year and some more than once. In the Malabar Spinning Mill the Surgeon certified to the age of every child employed.

8. Machinery was properly fenced in the case of all factories. The additional fencing suggested by the Inspectors in the case of factories Nos. 1 and 8 was done during the year.

9. The total number of accidents reported during the year was 15. Of these only one, which occurred at the Basel Mission Tile Works at Kodakal, proved fatal. All the remaining 14 cases were minor ones; 11 of these took place at the Malabar Spinning Mill, two at the Calicut Tile Works and one at Kodakal Tile Works.

10. No prosecutions were instituted under the Act during the year.

The usual statements Nos. I and II are submitted.

STATEMENT No. 1.

To accompany the annual Administration Report on Factories for 1893 of the Malabar district.

Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts or (2) by midday stoppages or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays or (2) on varying week days or (3) whether factory is exempted under section 5 B (2) (c) or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					Remarks.
				Adults.			Children.			Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrate.	By Special Inspector of Factory.	By Medical officers.	By other officers if any.	Total.	
				Male.	Female.	Total.	Male.	Female.	Total.														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1. Pallicoon Coffee-Curing Works, Tellicherry.	Coffee-curing.	Steam engine.	20 horse-power.	39	155	194	..	..	..	194	Midday stoppages two hours.	Generally closed on Sundays.	..	..	..	..	1	..	..	..	1	
2. The Malabar Spinning and Weaving Company's (Limited) Cotton Mill at Calicut, Pamiankara amsham, Calicut taluk.	Manufacture of cotton yarn.	One compound engine for condensing, capable of working 500 indicated horse-power.	500 indicated horse-power.	505	33	538	80	2	82	620	By midday stoppages.	General holidays on Sundays except when other days are substituted for them in accordance with the Act.	..	..	11	11	3	..	1	..	4	
3. Messrs. Burnett and Son's Plantation House Works at Malaparamba in Kottuli amsham, Calicut taluk.	Coffee-curing and packing cinchona bark.	Steam engine.	Two steam engines of 25 and 10 horse-power, respectively.	13	317	330	2	..	2	332	Do. ..	Do. ..	..	..	..	..	1	..	1	1	3	The factory is worked only five months during the year.
4. Messrs. Arbuthnot and Company's "Kallai Works" in Nagaram amsham, Calicut taluk.	Manufacture of manure and coir.	Do. ..	One engine of 70 normal horse-power.	59	..	59	24	..	24	83	Do. ..	Do. ..	..	..	..	..	2	..	1	1	4	
5. The Mercantile Mission Tile Works at Calicut, Kottuli amsham, Calicut taluk.	Manufacturing tiles.	Do. ..	One engine of 20 horse-power.	157	50	207	..	..	..	207	Do. ..	Do. ..	..	..	..	..	2	..	3	..	5	

To accompany the annual Administration Report on Factories for 1893 of the Malabar district—*cont.*

Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts or (2) by midday stoppages or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays or (2) on varying week days or (3) whether factory is exempted under section 5 B (2) (c) or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					Remarks.
				Adults.			Children.			Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrate.	By Special Inspector of Factory.	By Medical officers.	By other officers if any.	Total.	
				Male.	Female.	Total.	Male.	Female.	Total.														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
6. The Mammally Coffee Works in Cheruvannur amsham, Calicut taluk.	Coffee-curing.	Steam engine.	One engine of 20 horse-power.	65	615	680	45	65	110	790	By midday stoppages.	General holidays on Sundays except when other days are substituted for them in accordance with the Act.	..	..	..	..	2	..	2	..	4	The factory is only worked for five months during the year.
7. The Calicut Tile Works in Cheruvannur amsham, Calicut taluk.	Manufacturing tiles.	Do. ..	One engine of 35 horse-power.	60	10	70	..	..	..	70	Do. ..	Do. ..	..	..	2	2	3	..	1	..	4	
8. Basel Mission Tile Works, Alhavanad amsham, Ponani taluk.	Tile-manufacturing.	Do. ..	16 horse-power.	121	89	210	..	..	..	210	The shift system is not in force. Factory is worked by stoppage at 12 A.M.–1½ hours.	There is no work on all the Christian holidays, *i.e.*, the New Year's day, Epiphany, Good Friday, Ascension day, Christmas day and Sundays.	1	..	1	2	2	..	..	..	2	
				1,019	1,269	2,288	151	67	218	2,506			1	..	14	15	16	..	9	2	27	

STATEMENT No. 2.

To accompany the Administration Report on Factories for 1893 of the Malabar district.

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether Form F under Rule 17 (2), a copy of the rules as required by rule 23 (3) the notification required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.															Under section 15 (2) of the Factory Act.	Total number of persons convicted.
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of the Factory Act, clauses (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to (i).		
1	2	3	4			5	6	7	8	9	10			11			12		13														
1. Pallicoon Coffee-Curing Works, * Tellicherry.	R. Tatham.	14th Mar. 1893.	..	..	..	..	Are being prepared.		Some additional fencing required —*vide* column of remarks.	Ample in each case.	..	..	..	54	360	..	508	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. The Malabar Spinning and Weaving Company's (Limited) Cotton Mill at Calicut, Pannian-kara amsham.	Hormusjee Sorabjee.	16th Aug. 1893.	390	28	114	114	Registers C, D and E are maintained, and the file of certificates in form B are also kept.	Put up properly.	Yes ..	Fair ..	Good.	Good.	Good.																				
....	..	20th Oct. 1893.	393	32	62	62	Registers C, D and E are kept, but the entries are not made properly and the file of certificates in form B maintained, but not duly arranged.	Yes ..	Yes ..	Fair ..	Good.	Good.	Good.	439	30	46	546	47	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
....	..	30th Dec. 1893.	439	30	31	31	Well kept ..	Yes ..	Yes ..	Fair ..	Good.	Good.	Good.																				

* The works have only quite recently been brought on the Register of Factories. Work varies from day to day and is now practically over for the season. Before next season it is intended to carry out such alterations in the premises as will remove the works from the Factory Register. Engine No. 2 (the old one) standing in the open requires fencing. Also the belting of No. 1 engine and the belting of the winnowing machine on the upper floor. The work should be carried out within a week.

To accompany the Administration Report on Factories for 1893 of the Malabar district—*cont.*

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether Form F under Rule 17 (2), a copy of the rules as required by rule 23 (3) the notification required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.															Under section 15 (2) of the Factory Act.	Total number of persons convicted.
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of the Factory Act, clauses (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to (i).		
1	2	3	4			5	6	7	8	9	10			11			12		13														
3. Messrs. Burnett and Son's Plantation House Works at Malaparamba in Kottuli amsham, Calicut Taluk.	T. J. Ferguson.	19th Dec. 1893.	82	584	10	10	Registers C, D and E are not maintained. The manager says that no children are employed and that he has a file of certificates B which seems to be misplaced.	Hour of closing work and commencing work are notified. Form F and rules are not exhibited.	Yes.	Water-supply seems inadequate; ventilation good; sanitation poor.	Good.	Good.	Good.	81	590	14	701	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Messrs. Arbuthnot and Company's "Kallai Works" in Nagaram amsham, Calicut taluk.	D. N. Morrison.	20th Oct. 1893.	34	..	10	6	No women employed, hence Form E *nil* Forms C and D not maintained; certificates are not forthcoming for three of the boys mustered.	1, 2 and 3 not put up.	Do.	Water-supply not good; ventilation not good: sanitation—no latrine.	Do.	Do.	Do.	37	..	13	60	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		30th Dec. 1893.	37	..	13	..	E *nil*. C and D not properly maintained; B file not produced.	Form F put up; 2 and 3 not put up.	Do.	Good.	Do.	Do.	Do.																				
5. The Mercantile Mission Tile Works at Calicut.	G. Benner.	16th June 1893.	167	38	..	..	Registers C, D and E maintained but in loose sheets; B *nil*.	Yes, but only in English.	Do.	Do.	Do.	Do.	Do.	161	48	..	242	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		20th Dec. 1893.	152	50	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.																				

To accompany the Administration Report on Factories for 1893 of the Malabar district—*cont.*

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection. Men.	Women.	Children.	Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether Form F under Rule 17 (2), a copy of the rules as required by rule 58 (3) the notification required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of Women.	Children.	Operatives generally.	Number of persons employed at the end of the year. Men.	Women.	Children.	Maximum number of hands employed on any day during the year. Adults.	Children.	Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factory Act, clauses (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to (i)	Under section 15 (2) of the Factory Act.	Total number of persons convicted.
1	2	3	4			5	6	7	8	9	10			11			12		13															
6. The Mammally Coffee Works in Cheruvannur amsham, Calicut taluk.	J. A. Dalziel.	20th May 1893.	..	..	..	..	Maintained. C, D and E not properly maintained.	Put up.	Yes ..	Good ..	Good	Good.	Good.	65	615	110	680	110	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
....	..	27th Dec. 1893.	614	109	..	.	Do.	Do. ..	Do. ..	Do. ..	Do.	Do.	Do.																					
7. The Calicut Tile Works in Cheruvannur amsham, Calicut taluk.	J. H. Shlunk.	20th May 1893.	66	..	..	..	Maintained, but no entries in C, D and E, B file *nil.*	Form F put up, 2 and 3 put up, but only in English.	Do. ..	Do. ..	Do.	Do.	Do.	90	8	..	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
....	..	6th Nov. 1893.	10	..	..	..	Do.	Do. ..	Do. ..	Do. ..	Do.	Do.	Do.																					
....	..	27th Dec. 1893.	308	35	..	..	Do.	Do. ..	Do. ..	Do. ..	Do.	Do.	Do.																					
8. Basel Mission Tile Works, Kodakal, Alhavanad amsham, Ponani taluk.	C. Fenchter.	4th Oct, 1893.	117	69	..	..	Registers C and D relate to children, as also form B. In regard to register E, it has not been written up. But a number of loose sheets, one for each week, is kept. I have explained to the manager how it is to be written up, and he has agreed to have it written up from the 1st September 1893.	Form F hung up, but not the others. The manager has been asked to attend to this at once.	Fairly* ..	Do. ..	Do.	Do.	Do.	118	88	..	219	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..		9th Dec. 1893.	115	77	..	..	Register E written up in accordance with the instructions at last inspection.	Yes; all put up.	Yes; the suggestions made at last inspection have been complied with.	Do. ..	Do.	Do.	Do.																					
		Total ..	2,930	1,052	240	223								1,045	1,739	183	3,234	212	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

* The building is not yet completed and I have pointed out two places where further fencing is necessary and the manager has promised to put up the additions at once.

From R. SEWELL, Esq., District Magistrate of Bellary, to the Chief Secretary to Government, dated 24th April 1894, M.P.R. No. 68.

I have the honour to forward herewith copies of reports and their enclosures received from the Divisional Magistrates of Bellary and Adóni on the working of the Factories Act during the year 1893. There were no accidents and no prosecutions during the year. There are no factories in Head Assistant's division.

ENCLOSURES.

From M.R.Ry. C. RAMASESHAYYAR, Avargal, B.A., Deputy Magistrate of Bellary Division, to the District Magistrate, Bellary, dated Adóni, 22nd April 1894, No. 243.

I have the honour to submit my report on the factories in my division for the year 1893. The necessary statements are forwarded herewith.

2. As in the previous year, there were 3 factories. All of them were at work and the whole of them were inspected twice. Their condition was generally good. The buildings were in a state of repair. They were all whitewashed and kept neat and clean. The ventilation was good and there was sufficient provision of water-supply. The latrine and other sanitary arrangements were also good. In the spinning and weaving mill alone children were employed, but their number was limited. Others were above 12 years of age. I took particular care to observe them and they all looked healthy. Certificates were filed. The adult males and females employed in all the factories were in a very good condition. They were paid by the day or the month. In either case the wages paid were decent and were fully adequate. Weekly holidays are allowed, and on working days not less than one hour's recess is given at midday and there was no over-exaction of labour. No work is done during the night time. The orders regarding notices and rules are observed. Machinery was employed only in 2 factories as none is in use in the Arsenal. It was properly fixed and protected. There were no accidents and no prosecutions under the Act during the year.

APPENDIX.

Name of Factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at date of inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.												Remarks.
																			Under section 15 (1) of the Factory Act, clause								Total of (a) to (i).	Under section 15 (2) of the Factory Act.	Total number of persons convicted.	
			Males.	Females.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)				
1	2	3	4			5	6	7	8	9	10			11			12		13												14
The Bellary Spinning and Weaving Company, Limited.	Mr. Tulsidas Narsee.	20th Aug. 1893.	340	85	54	54	Kept accordingly.	They are put up in the gate.	It is fenced.	Everything is very good.	Very good.			357	109	54	472	60	..	..	..	..	..	..	..	..	..	..	..	..	Nil.
		22nd Dec. 1893.	333	71	50	50	Do. ..	Do. ..	Do. ..	Do. ..	Do.			357	109	54	472	60	..	..	..	..	..	..	..	..	..	..	..	..	Nil.
Bellary Arsenal	Captain J. D. Waller, R.A.	20th Aug. 1893.	98	..	..	Nil.	Nil ..	Nil ..	Nil ..	Good. ..	Good.			98	..	..	98	..	..	..	..	..	..	..	..	..	..	..	..	..	No steam engine in use.
		22nd Dec. 1893.	98	..	..	Nil.	Nil ..	Nil ..	Nil ..	Do. ..	Do.			98	..	..	98	..	..	..	..	..	..	..	..	..	..	..	..	..	Do.
Dymes and Co., Bellary.	R. Hunter, Esq.	20th Aug. 1893.	7	..	..	Nil.	Kept accordingly.	They are put up at the gate.	It is properly fenced.	Do. ..	Do.			20	54	..	90	Nil.	..	..	..	..	..	..	..	..	..	..	..	..	..
		22nd Dec. 1893.	26	44	..	Nil.	Do. ..	Do. ..	Do. ..	Do. ..	Do.			20	54	..	90	Nil.	..	..	..	..	..	..	..	..	..	..	..	..	..

FORM No. I.

STATEMENT accompanying the annual report on the working of the Factories Act.

Serial number of factory.	Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Whether the factory is worked mainly (1) by shifts, (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sunday, or (2) on any working week days, (3) whether factory is exempted under section 5 (b) 2 (c), or (4) under section 5 (b) (2) of the Act or (5) otherwise worked.	Number of accidents during the year.				Number of inspections held during the year.					Remarks.
					Adults.			Children.					Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical officers.	By other officers, if any.	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.	Total of columns 8 and 11.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
												20th August 1893.											
Nil.	The Bellary Spinning and Weaving Company, Limited.	Cotton-spinning and weaving.	Steam engine.	350 horse-power.	304	105	409	47	..	47	456	By mid-day stoppages.	Weekly holidays mostly on Friday.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	Once by Collector and twice by Deputy Collector.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
												22nd December 1893.											
..	The Bellary Spinning and Weaving Company, Limited.	Cotton-spinning and weaving.	Steam engine.	350 horse-power.	304	105	409	47	..	47	456	By mid-day stoppages.	On Friday ..	*Nil.*	*Nil.*	*Nil.*	*Nil.*	Once by Collector and twice by Deputy Collector.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
												20th August 1893.											
..	Bellary Arsenal.	Leather, wood and iron.	*Nil* ..	*Nil* ..	98	..	..	..	..	..	*Nil.*	By mid-day stoppages.	(1) Yes ..	*Nil.*	*Nil*	*Nil.*	*Nil.*	Twice by Deputy Magistrate.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
												22nd December 1893.											
..	Bellary Arsenal.	Leather, wood and iron.	*Nil* ..	*Nil* ..	98	..	..	..	..	..	*Nil.*	By mid-day stoppages.	(1) Yes ..	*Nil*	*Nil.*	*Nil.*	*Nil.*	Twice by Deputy Magistrate.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
												20th August 1893.											
..	Dymes and Co., Bellary.	Cotton Factory.	Steam engine.	Power of 100 lb. steam.	20	54	74	..	..	..	*Nil.*	By mid-day stoppages.	Sunday ...	*Nil.*	*Nil.*	*Nil.*	*Nil.*	Twice by Deputy Magistrate.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
												22nd December 1893.											
..	Dymes and Co., Bellary.	Cotton Factory.	Steam engine.	Power of 100 lb. steam.	20	54	74	..	..	..	*Nil.*	By mid-day stoppages.	Sunday ..	*Nil.*	*Nil.*	*Nil.*	*Nil.*	Twice by Deputy Magistrate.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*

From M.R.Ry. S. RAMU IYER, Avargal, B.A., Sub-Divisional Magistrate, Adóni, to the District Magistrate, Bellary, dated Adóni, 21st March 1894, No. 60.

I have the honour to submit my report for the year 1893 on the working of the three marginally-noted factories out of the four factories in the division, the 4th factory, *i.e.*, Mr. Rambillos Sowcar's Cotton Press, having worked for less than four months during the year 1893.

1. Messrs. Dymes and Co.'s Cotton Press at Adóni.
2. Sabapathy Mudaliar and Co.'s Cotton Press at Adóni.
3. The City People's Press at Adóni.

2. In all the three factories cotton is pressed into bales with the aid of steam-engines, the respective powers of which are given in the accompanying statement, Form I.

3. Each of the three factories was inspected thrice by my predecessor, Mr. Subbarayadu Pantulu.

4. The sanitary condition of the three factories was found to be fair enough, and the health of the operatives, both men and women, was found to be good.

5. The machinery are all secure and safe in separate rooms and are duly fenced wherever necessary.

6. No accidents occurred during the year.

7. No prosecutions were ordered under the Act during the year.

8. Children were not employed in any of the factories and consequently there was no work for the certifying surgeon.

9. Daily wages generally range from 3 to 6 annas for men and 2 to 4 annas for women. Men who put firewood into the boiler and lashers bundling bales are paid 6 annas; boxmen filling up cotton in the box are paid 5½ annas; engine-drivers 5 annas; borah shovers and borah cutters 4½ annas; and box weighing men 3 to 4 annas. Females picking up cotton in borahs are paid 2 annas, those cleaning cotton 2½ annas, and women maistries are paid 4 annas. These wages compare favorably with those of common agricultural labourers.

10. The statements prescribed in G.O., dated 22nd July 1892, No. 1315, Judicial, accompany.

FORM I.

Annual Report on the working of the Factories Act.

STATEMENT to accompany the Annual Report on the working of the Factories Act.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed. Adults. Males.	Adults. Females.	Adults. Total.	Children. Males.	Children. Females.	Children. Total.	Total of columns 8 and 11.	Whether the factory is worked merely by (1) shifts, or (2) by midday stoppages, or (3) otherwise.	By midday stoppages.	A general holiday is given on Sunday and if employed on Sunday one of the three preceding or subsequent days is given a holiday.	Whether a General holiday is ordinarily given (1) on Sundays, or (2) varying week days, or (3) whether factory is exempted under section 5 (b) 2 (c), or (4) under section 5 (b) (d) of the Act, or (5) otherwise worked.	Number of accidents during the year. Fatal.	Serious.	Minor.	Total.	Number of inspections held during the year. By Magistrates.	By Special Inspectors of Factories.	By Medical officers.	By other officers, if any.	Total.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	123		14	15	16	17	18	19	20	21	22	23	24
1	Messrs. Dymes and Co.'s Press, Adóni.	Cotton pressing.	One steam engine with two cylinders.	20 horse-power, 2 feet stroke.	43	80	123					Do.		Do.	..					3				3	
2	Messrs. A. Sabapathy Mudaliar and Co.'s Cotton Press, Adóni.	Do.	One steam engine with one cylinder.	11 horse-power, 2½ feet stroke.	33	39	72					Do.		Do.	..					3				3	
3	The City People's Press, Adóni.	Do.	One steam engine with two cylinders and another steam engine with one cylinder.	One of 15 horse-power 1½ feet stroke and another of 10 horse-power 1½ feet stroke.	25	45	70					Do.		Do.	..					3				3	
				Total ..	101	164	265													9				9	

Abstract.

Total number of factories—3.	
Cotton mills	3
Jute mills	
Woollen mills	
Paper mills	
Breweries	
Flour mills	
Cotton-cleaning factories ..	
Cotton presses	3
Jute presses	
Leather works	
Iron works or foundries	
Sugar works	
Printing presses	
	3
Number of factories inspected once during the year	3
Number of factories inspected twice during the year	
Number of factories inspected thrice during the year	3
Number of factories inspected more than 3 times during the year	

APPENDIX.

1	2	3	4			5	6	7	8	9	10			11			12		13											
Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at date of inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.										
			Males.	Females.	Children.						Operatives generally.	Children.	Women.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of the Factory Act, clause									Under section 15 (2) of the Factory Act.	Total number of persons convicted.
																			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to i.	
Messrs. Dymes and Co.'s cotton press.	L. F. Strachan, Esq.	29th June 1893.	65	94	..	..	C., D. and E. maintained No certificates kept because no children.	Yes	Is secure in a separate room.	Fair.	Good.	..	Good.	11	36	..	211	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		6th August 1893.	49	107	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.	on 27th December 1893.																
		1st November 1893.	33	81	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.																	
Messrs. A. Sabapathy Mudaliyar and Co.'s Cotton press.	P. Sabapathy Mudaliyar.	19th June 1893.	31	33	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.	29	34	..	89	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		6th August 1893.	30	33	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.	on 9th December 1893.																
		11th September 1893.	32	41	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.																	
The City People's press.	Chengalva Raju.	19th June 1893.	37	43	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.	..	37	..	89	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		11th September 1893.	14	47	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.	on 25th December 1893.																
		1st November 1893.	41	48	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.																	

From R. D. BROADFOOT, Esq., Acting District Magistrate, Coimbatore, to the Chief Secretary to Government, dated 30th April 1894, No. 546-Mag.

With reference to paragraph 7 of my endorsement on the report on working of the Indian Factories Act for 1893, Refce. on No. 388-Mag. of 1894, despatched on the 20th instant, I have the honour to append hereto a statement showing the wages paid to operatives employed in the Coimbatore Spinning and Weaving Company :—

Department.	Particulars.	Wages per month.
		Rs. A. P.
Mechanics	Men	15 0 0
Firemen	Do.	8 0 0
Blowing and mixing	Do.	6 0 0
Framers	Do.	7 0 0
Do.	Boys	4 0 0
Spinning	Men	6 0 0
Do.	Boys	3 8 0
Do.	Half-timers	2 0 0
Reeling	Boys	5 8 0
Do.	Women	3 12 0
Do.	Half-time girls	2 0 0
Bundling and baling	Men	7 0 0
Sundry coolies	Do.	6 0 0
Peons	Do.	5 8 0

ORDER—dated 22nd June 1894, No. 1530, Judicial.

The papers read above contain the reports of District Magistrates, the Commissioner of Police, Madras, and the Consulting Engineer for Railways upon the working of the Factory Act during 1893. Most of the reports were received by, or shortly after, the prescribed date (1st April), but a delay of three weeks or more occurred in the case of those from the District Magistrates of Bellary, Coimbatore, Malabar, and the Consulting Engineer for Railways.

2. Individually the reports call for the following remarks :—

(*a*) *Vizagapatam.*—It is stated that certificates of age are granted by the civil apothecary at Bimlipatam, but that officer has not, apparently, been authorized under section 5 of the Act to perform this duty. The matter should be explained and the result of the further enquiries ordered to be made as to the ages of the operatives should be reported. There were no fewer than twelve accidents, of which eleven were serious, in the Chittivalsa Factory; three of the accidents were, however, not connected with the use of machinery; the machinery is said to be properly protected, but the Government desires that the inspecting officers will pay particular attention to its condition. The District Medical officer did not pay a single visit to this factory. The average wages earned seem to have been low.

(*b*) *Ganjám.*—The second return appended to the report from this district is not in the form prescribed in G.O., dated 22nd July 1892, No. 1315, Judicial. There were no inspections by the District Medical officer. The Aska Sugar Works have been exempted from the operation of section 5 B (1) of the Act in G.O., dated 3rd March 1894, No. 529, Judicial, it having been proved to the satisfaction of Government that the concession is essential to prevent fermentation and serious loss in the course of manufacture and that the Sunday holiday is granted whenever it possibly can be.

(*c*) *Kistna.*—The rules regarding registers and notices were not properly observed in the Public Works Department Workshops at Bezwada. The maximum number of hands employed in this factory appears in the appendix as 311, which is obviously incorrect as the average daily number was 394. The factory was not inspected by the District Medical officer.

(*d*) *Coimbatore.*—The work of inspection of factories in this district has not been satisfactorily attended to. No information has been furnished regarding the Tirupur Cotton-cleaning and Pressing Company's Factory; the Sub-Divisional Magistrate's

explanation is awaited. Very few of the children employed in the Spinning and Weaving Factory at Coimbatore were mustered at the visits made on the 17th July and the 20th November; this should be explained. The rules regarding registers and notices were not strictly followed in this factory and the fact appears to have escaped the notice of the inspecting officers at their first three visits.

(*e*) *South Canara.*—The Tile Works at Malpé were inspected only twice by the Sub-Divisional Magistrate and not at all by the District Medical officer. Paragraph 6 of Mr. Slight's report leaves it doubtful if the rule that children are not to be kept at work for more than seven hours was observed in this factory and it appears that the rules relating to registers and notices were much neglected there. With regard to the remarks in paragraph 4 of the District Magistrate's endorsement, his attention will be drawn to paragraph 4 (*b*) of G.O., dated 19th December 1891, No. 2568, Judicial. Two distinct sets of entries have been made in columns 18 and 19 of the appendix to the report; this, of course, is incorrect.

(*f*) *Madras.*—In paragraph 5 of the Deputy Commissioner's report it is stated that there were 1 fatal, 6 serious and 90 trifling accidents, but the corresponding figures in columns 15–17 of Form I are 1, 5 and 91. An abstract of the particulars contained in Form I ought to be given in column 20 thereof (*vide* form in G.O., dated 22nd July 1892, No. 1315, Judicial); in the returns received from Madras and from several of the districts this abstract does not appear. It seems that the provisions of the law which require a stoppage of work at midday are neglected in the Gun Carriage Factory and it is not clear whether the partial loss of the Sunday holiday at the Municipal Pumping Station, Ráyapuram, is made up to the employés as required by section 5-B (2) (*b*) of the Act; the Commissioner will report on these two points. It is doubtful whether the Municipal Pumping Station is a factory at all within the meaning of the Act. There were no fewer than 51 accidents at the Gun Carriage Factory, but all of them are said to have been trifling. At the Carnatic Mills there were 22 accidents, of which 2 were serious. Particulars of the accidents in these two factories should now be furnished.

(*g*) *Madura.*—The Sub-Divisional Magistrate observes that Register E is not maintained at the Madura Cotton Mills, because the women are piece-workers; he was informed in paragraph 2 (*g*) of G.O., dated 17th July 1892, No. 1447, Judicial, that the register must be maintained, and it ought not to have been necessary for Government to repeat the remark. The figures in columns 8 and 12 of Form I from this district are incorrect; they should be 764 and 981 and not 664 and 881. There were no inspections by the District Medical officer. It appears that a number of female children are employed in the Madura Cotton Mills who do not find a place on the registers of the factory on the ground that they merely assist the adults; this is irregular. It is not necessary to submit to Government the Inspector's detailed inspection notes; he should touch upon all material points in his report.

(*h*) *South Arcot.*—There were 12 accidents, of which two were serious, at the Nellikuppam Sugar Factory; particulars of these should now be supplied. The average daily number of employés at this factory is given as 757, which is also the figure returned as the maximum employed on any one day; there is probably some mistake. The sanitary condition of the Nellikuppam Factory is said to be as good as can be expected—a remark which implies that it is not altogether satisfactory; the principal defects should have been noticed in the report. Neither of the factories in South Arcot was inspected by the District Medical officer.

(*i*) *Gódávari.*—In the heading of column 6 of the appendix to the report, Form 3 is mentioned by mistake for Form B and the word "medium" appears for "maximum" in the heading of column 12; such errors would not occur if printed forms were invariably used. In paragraph 3 of the District Magistrate's report, it is said that the average daily number of female operatives employed in the Georgepeta Rice Factory was 70, but, according to Form I, the proper figure is 62. Columns 11 and 12 of the appendix to the report have been left blank against the Georgepeta Factory and it is noted that B certificates were granted in respect of this factory by an unauthorized medical officer. Neither of the factories in Gódávari was inspected by the District Medical officer.

(*j*) *Anantapur.*—The rules regarding registers and notices were not strictly observed in the United Press Factory at Guntakal. None of the three factories reported on was visited by the District Medical officer, but, as none of them was open for much more than four months, the Medical officer's neglect is excusable.

(*k*) *Tinnevelly.*—Except in one case, which has been explained, the inspections by the magistracy were sufficient in number but the Joint Magistrate should have arranged his visits better; all his inspections of Messrs. Volkart Brothers' Press, Messrs. Milligan and Company's Press and the new Berar Company's Press were performed when the factories were not at work. At these three factories the rules relating to registers and notices were to a great extent disregarded. The number of children mustered at the inspections of the Tinnevelly Mills Company's Factory was very small. The entries in the abstract given in column 24 of Form I attached to the report are in some instances incorrect; three factories were inspected twice, two thrice and one five times. Only one factory was visited by the District Medical officer. The system on which the new Berar Company's Press is worked should have been explained as directed in the foot-note to Form I printed in G.O., dated 22nd July 1892, No. 1315, Judicial; the remark "Otherwise" in column 13 of the return conveys no information.

(*l*) *Railways.*—The occasional failure to perform the requisite number of inspections has been adequately explained. With reference to the Inspector's concluding remarks, the Government desires that he will not remove any engine-sheds from the list of factories without a further and fuller representation of his reasons for so doing. In the appendix to the report the maximum number of hands employed at Podanur and Jalarpet appears as 86 and 65, respectively, which figures are lower than those given in column 12 of Form I. Also, the average daily number of employés at Waltair is shown as 900, though there were only about 400 persons at work at the end of the year and at no time more than 900. It is presumed that the necessary steps have been taken to improve the fencing of the machinery at Waltair. From the body of the report it appears that there were 24 accidents on the South Indian Railway and six on the Madras Railway, all of them being of a trifling character, but columns 17 and 18 of Form I have been left blank throughout.

(*m*) *Malabar.*—The explanation tendered for the failure to inspect thrice the Mercantile Mission Tile Works at Calicut and the Mamally Coffee Works is not satisfactory. The average daily number of operatives employed in the Malabar Spinning and Weaving Company's Factory appears in Form I as 620, whereas the maximum number of hands employed there on any one day is stated to have been only 593. The figure in column 11 of Form I against the Mamally Coffee Works also seems to be incorrect. The Pallicoon Coffee-curing Works are said to be generally closed on Sundays; it is presumed that, when not so closed, another holiday is given as required by the Act. Of 15 accidents reported, 11 occurred in the Malabar Spinning and Weaving Mill; all of these are said to have been of a trifling nature and it is presumed that the District Magistrate has satisfied himself that they were not the result of defects in the fencing of the machinery. A description should have been given of the fatal accident at the Basel Mission Tile Works. In many instances the rules relating to registers and notices were neglected and the Inspecting officer's orders on the subject do not seem to have received in all cases sufficient attention. Strict compliance with the rules must be insisted upon. It is satisfactory to observe that nine inspections were performed by the District Medical officer.

(*n*) *Bellary.*—The returns have not been prepared with due care. The "*Nil*" entries in column 7 of the appendix against the Bellary Arsenal are not understood. The Bellary Spinning and Weaving Company's Factory seems to have been inspected once by the District Magistrate and twice by the Sub-Divisional Magistrate, but no particulars have been furnished as to the former officer's inspection. The other two factories were only inspected twice, and no explanation has been given of this failure to comply with the rules; the District Magistrate will report on the subject. Column 8 of Form I has not been filled in in the case of the Bellary Arsenal and the "*Nil*" entries in columns 12 and 23 are incorrect. None of the factories in Bellary was inspected by the District Medical officer.

(*o*) Several District Magistrates have failed to observe the rule that blank returns should be submitted on post-cards.

3. It remains to indicate briefly the principal features of the year. There were 67 factories at work in 1893 against 46 in 1892 and the daily average number of operatives rose from 23,872 to * 28,467. The increase in the number of factories was distributed as follows:—Anantapur 3, South Arcot 1, Bellary 5, South Canara 1, Madras 7, Malabar 1, Nellore 1, Tinnevelly 1, and Vizagapatam 1. It is not clear whether the three cotton presses in Anantapur were opened for the first time in 1893 or whether they merely came within the scope of the Act for the first time in that year In Bellary during 1892 the failure of the cotton crop resulted in the exclusion of six factories from the returns; five of these resumed work in 1893 and hence the apparent increase. The increase in the case of Madras seems to be mainly the result of more careful registration. It is probable that the number of factories which were actually started in 1893 was very small, but the information available is not sufficiently precise to enable Government to ascertain the exact figure. In future reports distinct information on this point should be given.

* Excluding those employed at the factory at Tirupur.

4. Eleven factories were inspected more than thrice, 35 thrice, 18 twice, 2 once, and only one not at all. In most cases where three visits were not made in the course of the year a sufficient explanation has been given, and, on the whole, the duty of inspection was satisfactorily performed by the Magistracy. On the other hand, the inspecting-work done by District Medical officers was most unsatisfactory as indicated above in paragraph 2. A similar remark was made when reviewing the returns for 1892. The Government of India has recently expressed regret that so few visits are paid to factories by medical officers (G.O., dated 21st April 1894, No. 941, Judicial), and the Surgeon-General has no doubt issued stringent orders to his subordinates on the subject. The Government therefore trusts that a great improvement will be noticeable in the reports for future years and refrains from further comment.

5. The reports of the Inspectors are, in the main, satisfactory. In certain cases the requirements of the rules were not strictly complied with, but defects were generally remedied as soon as they were brought to notice and little or no friction seems to have occurred in the working of the Act. The sanitary condition of almost every factory is favorably reported upon and in every case the general health of the operatives is stated to have been good. A good deal of information has been given on the subject of wages and the general result is that the wages of unskilled factory hands are somewhat higher than those of agricultural labourers and much the same as those of ordinary labourers employed in urban tracts. No information has been furnished as to the wage-rates in Madras City.

6. There were 3,285 women and 1,593 children employed in 1893 as against 2,250 and 1,424, respectively, in 1892. Thus 17·1 per cent. of the daily average number of operatives consisted of women and children against 15·4 in 1892, and the fact goes to show that the recent amendment of the law has not affected the demand for female and juvenile labour. The Head Assistant Magistrate of South Canara was, however, informed that the employment of children had been discontinued as a consequence of the restrictions imposed thereon. The provisions of the law relative to the employment of women and children seem to have been strictly observed. The information given in respect of the work done by Certifying Surgeons is insufficient in most cases, but, so far as can be gathered, their services were utilised to a considerable extent. Reporting officers should in future furnish more detailed information on this subject.

7. In nearly every case the machinery is declared to be securely fenced but the number of accidents was larger than in 1892, namely, 149, as compared with 131. Of the accidents, 3 (as in 1892) were fatal and 20 (against 17 in 1892) were of a serious character. A certain increase naturally accompanies the growth in the factory population and it is not improbable that accidents are more regularly reported

than formerly, but the condition of the machinery must receive unremitting attention from inspecting officers. As in the previous year there were no prosecutions under the Act.

[Here enter letter dated 22nd June 1894, No. 1531, Judiical.]

(True Extract.)

F. Whitehill
Under Secy to Govt
Chief Secretary.

To all District Magistrates.
„ the Public Works Department.
„ the Commissioner of Police, Madras.
„ the Inspector-General of Police.
„ the Surgeon-General.
„ the Sanitary Commissioner.

Ex1. A Raitt.

P. W. CURRENT No. 4863

Govt. of {1894} Madras.

JUDICIAL.

Issued 10.5.C

Recd. 29.6.94 Encl.

G.O., 22nd June 1894, No. 1530.

JUNE.

Indian Factories Act.

Reviewing the reports on the working of the — in this Presidency during the year 1893.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following papers:—

From the District Magistrate,		Chingleput,	dated	11th February	1894, No.	81.
,,	,,	Cuddapah,	,,	26th ,,	,, ,,	196.
,,	,,	Tanjore,	,,	8th March	,, ,,	272.
,,	,,	Trichinopoly,	,,	16th ,,	,, ,,	150.
,,	,,	Nellore,	,,	20th ,,	,, ,,	374.
,,	,,	Nilgiris,	,,	29th ,,	,, ,,	421.
,,	,,	Salem,	,,	29th ,,	,, ,,	540.
,,	,,	Kurnool,	,,	3rd April	,, ,,	630.
,,	,,	North Arcot,	,,	6th ,,	,, ,,	459.

ABSTRACT.—Reporting that no factories were at work in these districts during 1893.

From E. SCOTT, Esq., Acting Principal Assistant Magistrate, Vizianagram, to the District Magistrate, Vizagapatam, dated Chípurupalle, 3rd February 1894, C. No. 450.

I have the honour to submit my report on the working of the Factories Act in my division for the year 1893.

2. The only factory in the division is the Chittivalsa Gunny Factory belonging to Messrs. Arbuthnot and Company. I inspected it on three occasions during the year on the dates given in the margin, the manager of the factory being present during the inspections.

(1) 8th April 1893, between 5-30 and 4-30 P.M.
(2) 22nd September 1893, between 3 and 4 P.M.
(3) 21st December 1893, between 7 and 8 A.M.

3. Some additions have been made to the factory during the year and the engines are now worked with steam-power of 270 horse-power against 220 horse-power last year.

4. The working hours from April to October are 10 hours and 40 minutes and from November to March 10½ hours per diem except on Saturdays when the machinery is stopped at 4-30 P. M., allowing an interval of half-an-hour at noon. The factory is closed on Sundays and important holidays.

5. The water-supply for operatives is satisfactory.

6. The factory is well ventilated.

7. Latrine accommodation was insufficient at my first inspection, but it had been increased as desired at the time of my second inspection and is now satisfactory. A urinal has also been constructed during the year. This and the latrines are kept very clean.

8. The general health of the operatives is good.

9. The monthly wages of the operatives vary with the nature of the work done and with the outturn. Excluding such classes as mechanics, overseers and carpenters the best-paid workmen are the stitchers and weavers whose average monthly pay is Rs. 4–7–4

and Rs. 4–3–7 respectively. These number about 35 per cent. of the total number of workmen. Other workmen, such as spinners, jute-batchers, rovers and carders, &c. earn from Rs. 3–5–0 to Rs. 2–8–0 per month, while the average pay of winders is about Rs. 2–3–0. Most of these low-paid workmen are mere boys *. Women are employed chiefly as jute-batchers, winders, stitchers and on ordinary cooly work. Among them there are one or two carders, drawers and rovers. Their average earnings per month are about Rs. 2-10-0. On the whole the earnings of the operatives are much the same as those of ordinary labourers.

* The Principal Assistant Magistrate states that these are adults certified to be 15 to 17 years of age.

(Sd.) F. D'A. O. WOLFE-MURRAY,
Acting District Magistrate.

10. No children are employed on the work and certificates of age are granted by the civil apothecary at Bimlipatam in all doubtful cases of adults before their admission into the factory. Many of those certified as over 14 † looked, however, to me certainly not more than 10 years of age.

† The Principal Assistant Magistrate is requested to make personal enquiries into some of the cases of employés who appear to be under 14 years of age.

(Sd.) F. D'A. O. WOLFE-MURRAY,
Acting District Magistrate.

11. Registers C and D are not kept as no children are employed. Register A which is required to be kept in my office under Rule 2 has been properly maintained.

12. The machinery is properly fenced and protected. There were 12 accidents during the year, of which 11 were serious. All the injured persons returned to work during the year with the exception of two injured, one on the 9th November and the other on the 12th December. The accompanying statement gives details of the accidents.

13. There were no prosecutions during the year under the Act.

APPENDIX.

1 Name of factory.	2 Name of Resident Manager.	3 Date of inspection.	4 Number of persons at work on date of inspection: Men.	4 Women.	4 Children.	5 Number of children mustered at inspection.	6 Whether Registers C, D and E and the file of certificates in Form B are kept.	7 Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	8 Whether machinery is properly fenced or not.	9 State of water-supply, ventilation, sanitation and accommodation.	10 Physical condition of Women.	10 Children.	10 Operatives generally.	11 Number of persons employed at the end of the year: Men.	11 Women.	11 Children.	12 Maximum number of hands employed on any day during the year: Adults.	12 Children.	13 Number of persons convicted during the year in respect of the factory named in column 1, under section 15 (1) of the Factories Act, clauses (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to (i).	Under section 15 (2) of the Factories Act.	Total number of persons convicted.
Gunny Factory, Chittivalsa.	Mr. John Innes.	8th April 1893.	698	136	..	..	Register E and certificates in Form B are kept. C and D registers are not kept as no children are employed.	Yes.	Yes.	Water-supply and ventilation good. Sanitation is also good. The latrine accommodation was insufficient at the first inspection but was subsequently increased and is now satisfactory.	Good.	..	Good.	676.	125.	..	845.	..	..	..	..	..	..	..	..	..	..	..	..	..
		22nd Sept. 1893.	645	97	..	..																								
		21st Dec. 1893.	670	123	..	..																								

STATEMENT showing the details of accidents occurred in the Gunny Factory at Chittivalsa during the year 1893.

No.	Date of accident.	Name of the person injured.	Details of accidents.	Remarks.
1	6th Mar. 1893.	Sootana Ramudu ..	Caused when throwing a piece of wood fuel into the boiler furnaces, the middle fingers of the left hand getting jammed between the furnace door frame and the wood. Middle finger of the left hand removed at first joint.	21st March 1893.
2	13th Mar. 1893.	Koya Appaya ..	Caused while a pavement stone was being carried in a sling between the injured person and another cooly. It slipped off and struck the left leg of the injured person. The skin of left leg torn badly.	Returned to work on 17th April 1893.
3	28th Mar. 1893.	Surapu Kanakayya.	The ends of a piece of rove yarn got twisted round the arbor of a spinning frame pressing roller, and in trying to remove it while the machine was in motion, the middle finger of the left hand got into the loop, which cut the finger off at first joint.	Returned to work on 24th April 1893.
4	18th May 1893.	Somisetti Paidayya.	The person cleaned a pair of small spur wheels of the roving frame he was attending while in motion. Hence the accident. Forefinger of the right hand was crushed.	Returned to work on 26th June 1893.
5	20th May 1893.	Nelly Stamma ..	The person injured put her left hand too near the delivering rollers of a drawing frame when entering a sliver. Left hand crushed.	Returned to work on 1st August 1893.
6	27th May 1893.	Boni Guravadu ..	The person's left hand came in contact with the circular saw while lifting a piece of wood on the table. Two fingers of the left hand lacerated.	Returned to work on 20th June 1893.
7	1st June 1893.	Javvadi Gunnayya..	The person was boring a knee-iron at a boring machine and the drill twisting the knee-iron out of his hand lacerated it.	Returned to work on 4th July 1893.
8	8th June 1893.	Dooka Appayya ..	The person allowed the fourth finger of his left hand to get between one of the buffer springs of his loom. The point of fourth finger of left hand cut off.	1st July 1893.
9	3rd July 1893.	Emandi Latchumudu.	The person cleaned the gearing of his roving frame while in motion, and his right hand was lacerated between a pair of small spur wheels.	Returned to work on 4th September 1893.
10	1st Nov. 1893.	Kanooru Pothayya..	The injured man allowed his left hand to pass between the retaining rollers of the spinning frame he was attending. Three fingers of left hand lacerated—one badly.	Returned to work on 18th December 1893.
11	9th Nov. 1893.	M. Brahmaji ..	While descending a ladder the injured man lost his footing and fell a distance of about 6 feet to the floor of the carding room. Ankle of right foot sprained.	22nd January 1894.
12	12th Dec. 1893.	Nedegatoo Asirigadu.	While removing a scaffolding the person injured overbalanced a wooden support which fell on him. Body crushed.	Still under treatment.

STATEMENT to accompany Annual Report on the working of the Factories Act, 1894.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					Remarks.
					Adults.			Children.						Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical officers	By other officers (if any).	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Chittivalsa Gunny Factory, Chittivalsa.	Jute spinning and weaving.	Steam power.	270 indicated horse power.	669	110	779	..	..	..	779	Midday stoppages.	Sunday is a general holiday.	..	*11	1	12	3	..	..	..	3	* Not returned to work within 21 days.

Submitted to Government.

2. There were eleven serious accidents, but all the injured persons returned to work safe.

VIZAGAPATAM,
27*th February* 1894.

(Signed) F. D'A. O. WOLFE-MURRAY,
Acting District Magistrate.

From M.R.Ry. B. NARAYANAMURTY PANTULU Garu, Sub-divisional Magistrate, Goomsur, to the District Magistrate, Ganjám, dated Aska, 1st March 1894, No. 127-Mag.

I have the honour to submit my report on the working of the Aska Sugar Factory and Distillery belonging to Mr. F. J. V. Minchin, of Aska, for the calendar year 1893.

2. During the year under report the factory was thrice inspected by me, viz., on the 23rd February, 19th July and 1st November 1893. On all these occasions Mr. Kollmann, Manager of the factory, gave me every facility in my work of inspection.

3. No children under the age of 14 years were employed.

4. The work-people are divided into two classes; the first class, consisting of mechanics, work by day only from sunrise to sunset with an interval of two hours, while the second class work both by day and night in the sugar manufacture. The latter class is divided into two equal sets, who work alternately for six hours from 8 to 2 and 2 to 8.

5. During the cane-season the second class is divided into three sets who work in shifts of four hours from 8 to 12, 12 to 4 and 4 to 8. The shift-system is in force in this factory and the shifts have been duly approved by the Inspector.

6. The cane-season is from December to the middle of February and the work of refining sugar is carried on from the middle of February to September, and during these periods work is done even on Sundays. The practice not being in conformity with the requirements of section 5 B 2 (*b*) of Act XI of 1891, I requested you in my letter, No. 689-Mag. of 1893, dated 10th November last, to apply to Government and get the factory exempted from the operation of the rule under proviso (2) (*c*) (*i*) to section 5-B of the Act.

7. All dangerous machinery is securely fenced. All the fly-wheels in the factory are surrounded by railings, the fly-wheel of the big beam engine by iron railings, and the diffusion fly-wheel by wooden railings.

8. The sanitary condition of the factory premises is good and the buildings are well ventilated.

9. Three accidents were reported to me during the year under report, and two of the injured persons were treated successfully in the local fund dispensary at Aska, and the third, being under the medical treatment of the civil apothecary at Aska, died at about 1-30 A.M. on the 6th December last. A statement showing the details of each case is appended.

Date of appointment.	Name.	Caste.	Sex.	Age.	How the accident occurred.
				Years.	
25th January 1893 ..	Sonya Naiks,	Bavuree.	Male ..	35	Having thoughtlessly placed his hand on the lifting lever of a diffusion vessel cover, the top of the second finger of his right hand was severed.
24th July 1893 ..	Mojjee ..	Bavuree.	Male ..	23	This man while carrying jaggery pots in the jaggery godowns unfortunately through a slip of his step fell down causing thereby concussion of the brain.
5th December 1893 ..	Mongolla,	Alliah ..	Male ..	20	Mongollo, the deceased, was working as a bricklayer at the big grindstone in the diffusion building, when one Badoor from the distillery arrived asking the assistance of the former in removing a ladder to the distillery. The ladder was leaning against a pipe. Mongolla took hold of the ladder at the lower end by putting his head through the steps letting thereby the two sides of the ladder rest on his shoulders. Badoor advised Mongollo to adopt a better mode of removing. Unfortunately Mongollo commenced to remove the ladder from its upper support on the pipe before Badoor was quite ready to assist him on the other side; the ladder in its fall threw Mongollo to the ground against a brick pillar, causing thereby concussion of the brain. He died next morning at 1-30 A.M.

10. No prosecutions were instituted under the Act during the year.

11. As I have stated in paragraph 3 *supra*, no children are being employed at all and there was consequently no work to be done by the certifying surgeon, Aska.

12. The statements prescribed in G.O., dated 22nd July 1892, No. 1315, accompany.

P.L. No. 107-Mag.

Submitted to the Chief Secretary to Government, Judicial Department, Madras, with reference to G.O., dated 22nd July 1892, No. 1315, Judicial.

CHATRAPUR,
10*th March* 1894.

(Signed) C. J. WEIR,
Acting District Magistrate.

FORM I.

STATEMENT to accompany Annual District Report on the working of the Factories Act for 1893, Ganjám District.

Serial number.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed. Adults. Males.	Adults. Females.	Adults. Total.	Children. Males.	Children. Females.	Children. Total.	Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year. Fatal.	Serious.	Minor.	Total.	Number of inspections held during the year. By Magistrates.	By Special Inspector of Factories.	By Medical officers.	By other officers, if any.	Total.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
....	Aska Sugar Works and Distillery, Aska.	Sugar Works and Distillery.	Steam.	79 horse-power.	462	2	464	..	..	..	464	The hands employed in the manufacture of sugar are working in shifts of 6 hours; the mechanics and others by midday stoppages, or (3) otherwise.	The mechanics and other workmen have their Sunday holiday; arrangements are also made to give a rest day to those working in shifts.	1	1	1	3	3	..	..	..	..
					24	57	81	..	..	..	81												

FORM of return to be annually submitted by Inspectors of Factories so as to reach Government by the 31st March.

Name and description of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection. Adults. Males.	Adults. Females.	Children. Males.	Children. Females.	Number of children mustered. Males.	Number of children mustered. Females.	Whether Registers D and E and the file of certificates in Form C are kept.	No; as no children are employed.	Whether the transmission of the rules and of the forms appended in the vernacular of the district is not forthcoming at the time of inspection. Again the notice hung up as required by rule 17 is soiled and unreadable. The attention of the manager has been drawn to this, and he has since remedied the defect.	Yes, but the translation of the rules and of the forms appended in the vernacular of the district is not forthcoming at the time of inspection. Again the notice hung up as required by rule 17 is soiled and unreadable. The attention of the manager has been drawn to this, and he has since remedied the defect.	Whether (1) Form F under Rule XVI, (2) a copy of the rules framed under the Act, and (3) the notice required by section 7 of the Act, are put up in a conspicuous place.	All the machinery is properly fenced.	Whether machinery is fenced or not.	First-class.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report. Adults. Males.	Number of persons employed at the end of the year under report. Adults. Females.	Number of persons employed at the end of the year under report. Children. Males.	Number of persons employed at the end of the year under report. Children. Females.	Maximum number of hands employed on any day during the year. Adults.	Maximum number of hands employed on any day during the year. Children.	Number of accidents during the year.	Remarks.
1	2	3	4				5		6		7			8			9	10				11		12	
Aska Sugar Work and Distillery.	Mr. L. Kollmann.	23rd Feb. 1893.	499	2	..	..	..	..	..	No; as no children are employed.	..	Yes, but the translation of the rules and of the forms appended in the vernacular of the district is not forthcoming at the time of inspection. Again the notice hung up as required by rule 17 is soiled and unreadable. The attention of the manager has been drawn to this, and he has since remedied the defect.	..	All the machinery is properly fenced.	..	584	2	..	..	..	569	..	..	..
		19th July 1893.	498	..	..	..	..	..	..		..		..		..		..							
		1st Nov. 1893.	486	2	..	..	..	..	..		..		..		..		..							

From F. C. PARSONS, Esq., Acting Head Assistant Magistrate, to the District Magistrate, Kistna, dated Bezwada,—March 1894, Dis. No. 77-Magl.

I have the honour to forward my annual report on the working of the Factory Act (XV of 1881) in 1893.

2. There is only one factory in this division, viz., the Department of Public Works Workshop, Bezwada, which is under the charge of the Executive Engineer, Eastern Delta.

3. This factory was thrice inspected by me on 6th April 1893, 11th July 1893, and 14th November 1893.

4. A statement showing the result of inspection, prepared in the form prescribed in G.O., dated 22nd July 1892, No. 1315, is herewith forwarded.

5. Ventilation, sanitary arrangements and fencing of machinery are satisfactory.

6. Registers C and D prescribed by the rules for children were kept, but not in the forms amended by G.O., No. 953, Judicial, dated 20th May 1892. Register E for women was not maintained on the ground that no women were employed in the shop. I asked the Superintendent in charge of the shops to at once amend the Registers C and D and to also open E with *nil* entries. He acted accordingly with regard to the Registers C and E and obtained my signatures thereon. As regards D, I asked him to amend it and this will be done shortly.

7. A copy of the rules in English and Telugu and a table of working hours and holidays are posted up. On my last inspection I found that the notice required by section 10 of the Act was not put up. I pointed it out to the Superintendent and asked him to put it up at once in a conspicuous place.

8. The hours fixed are from 6 A. M. to 6 P.M. with two hours interval, that is, ten hours in all.

9. General health of the operatives and children is good. No women were employed during the year under report.

10. There was only one accident during the year under report, and it was not of a very serious character. Two right-hand fingers of a pariah cooly named Chitty Sannasi were injured on account of his having carelessly put them on a planing machine while at work. He was sent to the local hospital and discharged cured within a week.

11. No prosecutions were ordered under the Act during the year.

12. The return No. I prescribed by the Government of India (*vide* paragraph 2 of G.O., No. 1315, dated 22nd July 1892) is enclosed.

1	2	3	4	5	6	7	8	9	10	11	12	13
Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.	Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of	Number of persons employed at the end of the year.	Maximum number of hands employed on any day during the year.	Number of persons convicted during the year in respect of the factory named in column 1.
												Under section 15 (1) of Factories Act, clauses
Public Works Department Workshop, Bezwada.	Executive Engineer, Kistna Eastern Division.	6th April 1893.	Men. 201	..	Yes	Yes	Yes.	Good ..	Women. ..	Men. 224	Adults. 305	(a) ..
		11th July ,,	Women. 208	..	Yes, except E. which will be opened shortly.	Yes, except the notice under section 10 for women, which will be opened shortly.	Do.	Do.	Children. ..	Women. ..	Children. 6	(b) ..
		14th Nov. ,,	Children. 227	5	Yes	Yes	Do.	Do.	Operatives generally. Good.	Children. 6		(c) ..
				5					Do.	Operatives generally.		(d) ..
									Do.			(e) ..
									24			(f) ..
												(g) ..
												(h) ..
												(i) ..
												Total of (a) to (i). ..
												Under section 15 (2) of the Factories Act. ..
												Total number of persons convicted. ..

FORM I.

STATEMENT of the Public Works Department Workshops, Bezwada, to accompany Annual District Report on the working of the Factories Act.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Serial number of factory.																						
Public Works Department Workshop, Kistna, Bezwada.	Name (and locality) of factory.																						
Caulking, carpentry, ironwork, brasswork, copperwork, fitterwork, and painting.	Nature of industry.																						
Steam power and hand labour.	Nature of moving power.																						
Generally one stationary engine 20 horse-power.	Amount of moving power.																						
		Average daily number of operatives employed.	Adults.	Males.	Females.	Total.	Children.	Males.	Females.	Total.	Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.	Fatal.	Serious.	Minor.	Total.	Number of inspections held during the year.	By Magistrates.	By Special Inspector of Factories.	By Medical officers.	By other officers (if any).	Total.	Remarks.
		388		6	..	388	6	..	6	394	Midday stoppages.	Sundays.		..	..	1	1	3	..	..	..	3	

Submitted to the Chief Secretary to Government, Judicial Department, Madras.

2. The Public Works Department Workshop is the only factory in the district.

MASULIPATAM,
3rd March 1894.

(Signed) J. N. ATKINSON,
Acting District Magistrate.

From M.R. Ry. T. V. NARAYANASAMI IYER, Avargal, Deputy Magistrate, to the District Magistrate, Coimbatore, dated 8th March 1894, No. 33-Magte. Genl.

I have the honour to submit my report on the working of the Factories Act XV of 1881, as amended by Act XI of 1891, together with the statements prescribed in G.O., dated 22nd July 1892, No. 1315, Judicial.

2. The only factory in this division falling within the scope of the Act is "The Coimbatore Spinning and Weaving Company, Limited," situated in Coimbatore town.

3. I inspected the factory twice during the year, and my predecessor, Mr. Ramachendra Row, inspected it during October 1893, making in all three inspections during the year as required by Rule 8.

4. The number of children who worked on the dates of inspection consists of one of the two batches of children, one batch working in the morning and the other and different batch in the evening.

5. The factory has been inspected by the Medical officer thrice during the year.

6. The defects noticed by the inspecting officers have been rectified, and the remarks made by them have been duly communicated to the manager under Rule 11.

7. No children under the age of 9 are employed in this factory and the children allowed to work half-a-day as required by clause 3, section 7, of the Act. The other provisions of sections 7, 8 and 9 are duly complied with.

8. The machinery has been properly fenced and no accidents of any nature happened during the year.

9. The ventilation and sanitation of the factory are in a good condition.

10. No prosecution during the year has been ordered for the offences under the Factories Act.

11. The general condition of the operatives is healthy.

12. A file of certificates in Form B is being properly kept in the factory.

13. Daily wages generally range from 3 to 6 annas for men and from 2 to 4 annas for women and seem quite adequate for the labourers. The wages paid at the factory compare favourably with those of common agricultural labourers. The agricultural labourers seem generally to work for a much shorter period in the day than the labourers at the factory. Their work is easier and less strictly supervised abroad.

14. A register in Form A as required by Rules 2 and 10 has been duly maintained in my office.

15. The working hours are from 6 A.M. to 12 noon and from 1 to 7-30 P.M. with an interval of one hour for food and rest from 12 to 1 P.M., children under 14 working half-time only.

Reference on No. 388-Magte.

Submitted to Government.

2. There are two factories in this district—one at Coimbatore and the other at Tirupur—that come under the purview of Act XV of 1881 as amended by Act XI of 1891. The Coimbatore factory has been sufficiently inspected.

3. The Sub-Divisional Magistrate of Pollachi, within whose jurisdiction the Tirupur Cotton-cleaning and Pressing Company lies, has reported that no inspections were made in the last year. I have called upon him to explain why it was not inspected in accordance to Rule 8 of the Act.

4. The rules as to Sunday labour were in force during the last year in the Coimbatore Spinning and Weaving Mill.

5. The wages of the operatives as compared with other classes of labourers have been reported as directed.

6. There were no accidents in the mills during the year.

7. The nature of the work in which operatives drawing different rates of pay are employed will be reported on when information is received from the Divisional Magistrate of Coimbatore.

COIMBATORE,
19*th April* 1894.

(Signed) R. D. BROADFOOT,
Ag. District Magistrate.

FORM I.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed. Adults. Males.	Adults. Females.	Adults. Total.	Children. Males.	Children. Females.	Children. Total.	Total of columns 8 and 11.	By mid-day stoppages.	Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year. Fatal.	Serious.	Minor.	Total.	Number of inspections held during the year. By Magistrates.	By Special Inspector of Factories.	By Medical officers (if any).	By other officers (if any).	Total.	Remarks.
1	Coimbatore Spinning and Weaving Mill Company, Limited, Coimbatore.	Cotton-spinning.	Steam-engine.	70 nominal horse-power.	351	139	490	169	11	180	670	The mill is closed every Sunday throughout the year and also Native feast-days about 14 days.										6	
2																							
3																							
4																							

4

APPENDIX.

1	2	3	4			5	6	7	8	9	10			11			12		13											
Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form (F) under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.										
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of the Factories Act, clauses									Under section 15 (2) of the Factories Act.	Total number of persons convicted.
																			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to (i).		
Coimbatore Spinning and Weaving Mill Company, Limited, Coimbatore.	Alfred Thomas Winn, Esq.	(1) 10th February 1893, by the District Medical and Sanitary officer.	354	149	180	163	Yes ..	Yes ..	Yes.	Good.	Good.	Good.	Good.	387	143	163 †	544	184	..	..	..	..	..	..	..	..	..	..	..	..
		(2) 28th April 1893, by M.R.Ry. Narayanasami Iyer Avargal, Deputy Magistrate.	356	137	185	*87	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.						..	..	..	..	..	..	..	..	..	..	..	..	..
		(3) 17th July 1893, by the District Medical and Sanitary officer.	339	133	166	23	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.						..	..	..	..	..	..	..	..	..	..	..	..	..
		(4) 2nd October 1893, by M.R.Ry. Ramachendra Rao, Avargal, Deputy Magistrate.	355	131	160	* 78	These are maintained in old forms.	Form (1) maintained ; (2) rules kept ; (3) notice under section 10 not kept.	Do.	Do.	Do.	Do.	Do.						..	..	..	..	..	..	..	..	..	..	..	..	..
		(5) 20th November 1893, by the District Medical and Sanitary officer.	342	136	157	35	Yes ..	Yes ..	Do.	Do.	Do.	Do.	Do.						..	..	..	..	..	..	..	..	..	..	..	..	..
		(6) 21st December 1893, by M.R.Ry. Narayanasami Iyer, Avargal, Deputy Magistrate.	386	152	163	† 72	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.						..	..	..	..	..	..	..	..	..	..	..	..	..

† These were children present in the morning term.

* These were children that were present at the time of my inspection.

From A. M. SLIGHT, Esq., Acting Head Assistant Magistrate of South Canara and Inspector of Factories, to the District Magistrate of South Canara, dated Karkal, 15th March 1894, No. 199.

Referring to your letter, No. 289, dated 27th January 1894, I have the honour to submit my report on the working of the Factories Act XV of 1881, as amended by Act XI of 1891, for the year 1893, and to enclose the statements prescribed in G.O., dated 22nd July 1892, No. 1315, Judicial.

2. Notices were issued to the Managers of two Tile Factories in my division of the intention to place them on the register of factories maintained in my office, but the marginally-named factory alone was found to fall within the scope of the Act. It was accordingly registered.

Basel Mission Tile Works, Malpé, near Udipi.

3. *Inspections.*—This factory is open during the whole of the year, but very little work is done during the monsoon months, viz., June, July, August and September. I inspected it on 28th March and 9th September 1893, and the result of the inspection is apparent from the enclosed statement.

4. *Sanitary condition and arrangements.*—The sanitary condition of the factory is satisfactory. Latrines of cadjan overhanging the backwater are sufficient. The premises are kept clean. The majority of the employés work in the open air or under a roof only. The pug-mill and presses are in a building, where from 30 to 40 people work. There is ample room for them, and abundance of doors and windows which are usually open, so that there is no lack of ventilation. There are two wells in the compound which give a constant supply of good water. Only the pug-mill is worked by steam, the presses are worked by hand.

5. *Health of the operatives.*—The general health of the operatives—males as well as females and children—is good.

6. *Employment of women and children.*—The working hours at the factory are from 7 A.M. to 5-30 P.M. with an interval of one hour at noon. Women are employed the whole day during these hours. Children also were so employed before the factory was taken on the register. As they came in company with their parents and the work they did was very light, I do not think it did them any harm. All Sundays and Christian holidays are observed. During my inspection of the factory in September I found no children at work and was informed that the practice of employing children was stopped on account of the restrictions placed on their employment. There were, however, three children employed at the end of the year.

7. At the first inspection held in March 1893, ten children were mustered and none were under nine years of age.

8. *Certifying Surgeon.*—The Certifying Surgeon did no work during the year under report. No certificates in Form B were granted by him.

9. *Fencing of machinery and mill-gearing.*—The machinery is sufficiently protected. The driving belt of the pug-mill which was at first unprotected has since been properly fenced.

10. *Accidents.*—There were no accidents during the year.

11. *Prosecutions.*—No prosecutions were instituted during the year.

12. *Wages and the general condition of the operatives.*—Employment is limited, as far as possible, to converts of the mission. The wages are generally higher than those earned by the agricultural classes, because the operatives are required to be regular and punctual in their attendance and therefore require special inducement to give up their agricultural pursuits. The high wages are probably also conducive to conversion. The condition of the operatives appears to be generally a good deal better than that of the agricultural classes from among whom they come.

No. 1307.

True copy, with copies of enclosures, submitted to Government.

2. The above report deals with the Basel Mission Tile Works at Malpé near Udipi. The other factories in the district are reported by the Divisional Magistrates not to fulfil the conditions of the Factories Act.

3. The factory at Malpé was open during the whole year under report, but the Divisional Magistrate only inspected it twice instead of at least three times during that period. I have drawn his attention to rule 8 of the rules framed by Government under section 18 of the Act.

4. As the number of persons employed in the building where machinery has been erected appears from paragraph 4 of the above report to have been less than fifty, the minimum number fixed by the Act, I have asked the Head Assistant Magistrate to report more fully whether the hands employed outside the building are connected with those employed within, and if not, whether there is any special reason to move Government for declaring the premises to be a factory for the purposes of the Act.

MANGALORE,
6*th April* 1894.

(Signed) G. W. DANCE,
Acting District Magistrate.

FORM I.

STATEMENT to accompany Annual District Report on the working of the Factories Act for 1803, South Canara District.

Serial number of factory.	Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Whether the factory is worked mainly (1) by shifts, or (2) by mid-day stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 53 (2) (*d*) (*e*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked.	All Sundays and Christian holidays are observed.	Number of accidents reported during the year.			Number of inspections held during the year.					Remarks.
					Adults.			Children.						Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical officers.	By other officers, if any.	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Basel Mission Tile Works, Malpé, in Udipi taluk, South Canara.	Tile works.	One steam engine.	14 horse-power.	80	40	120	2	..	2	122	The shift system is not in force. The factory is worked by stoppages. Work is begun at 7 A. M. and stopped at noon, resumed at 1 P. M. and closed at 5-30 P. M.	All Sundays and Christian holidays are observed.	..	..	..	..	2	..	..	..	2	

APPENDIX.

ANNUAL return of Factories for the year 1893.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 23, and (3) the notice required by section 10 of the Act are kept up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of persons employed at the end of the year.			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.									Remarks.
																			Under section 15 (1) of the Factories Act, clauses								Under section 15 (2) of the Factories Act.	Total number of persons convicted.	
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total (a) to (i).			
Basel Mission Tile Works, Malpé, in Udipi taluk.	Mr. Hermann Bretschneider.	28th March 1893.	81	69	10	None.	Not kept	No	Sufficiently protected except the driving belt of the pug mill which should be protected by a small fence. Machinery is properly fenced.	Two good wells with constant supply; ventilation ample and latrines of cadjan overhanging the river sufficient. Accommodation sufficient.	Good.	Good.		95	51	3	Not known exactly; about 200.	174	24												Not more than 42 persons work in the actual rooms where the machinery is in work.
		9th September 1893.	41	26	..	..	Register C is kept. Registers D and E have not been kept since the manager went on leave in July, leaving Overseer M. Sathyan in charge. No certificates in Form B.	Form F and notice under section 10 are properly kept. A vernacular copy of the Factories Act is kept in the factory, but not a copy of the rules under it.		Water-supply sufficient from two wells.																			

From Colonel H. W. H. COX, Commissioner of Police, Madras, to the Chief Secretary to Government, dated Madras, 20th March 1894, No. 36.

I have the honour to submit the annual report for the year 1893 of the Deputy Commissioner of Police as Inspector of Factories in the City of Madras.

ENCLOSURE.

From S. D. SIMPSON, Esq., Deputy Commissioner of Police and Inspector of Factories, to the Commissioner of Police, Madras, dated Madras, 16th March 1894, No. 39.

I have the honour to submit my report on the working of the Factories Act for the calendar year 1893.

2. There were sixteen factories on the register at the beginning of the year; those noted in the margin were added to the list during the year, making in all twenty-two. They were all visited by me at different times, as will be seen from the appendix. Those that have been in existence for 12 months were inspected by me at least three times, and the later additions in proportion to the time they have been on the register.

1. Moothian Chetty and Company.
2. Raju and Company.
3. Municipal Workshops.
4. Municipal Pumping Station.
5. Government Brick-fields.
6. School of Arts.

3. One of the registered factories (Paddy Grinding, &c.) has failed to work continuously through the year with the full complement of hands from want of resources, and the proprietor and manager has gone to seek work in a mill at Bangalore as a temporary measure. If this state of affairs continue next year, I shall either remove this factory from the register or place it in the list of those regarding which I intend to make a special recommendation.

4. In my report last year I said that some of the manufactories that did not come under the purview of the Act were being visited. Two of these have been registered this year, but there are still a few that fall short of the number required to constitute a factory under section 2. Some of these places of business, from want of funds and demand for their produce, have not extended operations, while others again are careful to keep just outside the definition of a factory as given in clause (*l*) of section 2. They employ women and children and their steam engines and other mechanical power with the "mill gearing" want looking after. If this *modus operandi* continue, I shall address Government in the course of the current year with a view to extend the definition of "factory" as laid down in section 20 of the Act. I might mention here that in one of these industries (bone-crushing) a boy about 16 years of age was struck on the head by the breaking of a leather belt and died from fracture of the skull on the 10th October 1893.

5. *Accidents.*—There were in all ninety-seven accidents reported during the year as against sixty-five last year. One was fatal, six were serious and the remaining ninety were of a minor nature. The largest number (51) occurred in the Gun Carriage Factory, but they were all of a trivial nature. There were twenty-two accidents in the Carnatic Mill, two of which were serious. Form I shows the number in each factory. In the fatal case, the deceased, who was employed in the Buckingham Mill, but not on the calendar machine when the accident occurred, put his hands on the rollers of it, when he was seriously injured. He was at once removed to the General Hospital, where he died on the 25th of December, two days after admission. An inquest was held the same day, the verdict being "Death from shock, the result of extensive laceration to his hands by getting them entangled under a roller."

6. The operatives are all in good health and in very fair condition.

FORM I.

STATEMENT to accompany Annual Report on the working of the Factories Act, Madras City.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section (5) B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.	Remarks.
					Adults.			Children.			Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.		
					Males.	Females.	Total.	Males.	Females.	Total.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Gun Carriage Factory, New Town.	Ordnance and miscellaneous works for army service.	96 horse-power boilers.	8	1,372	2	1,374	1	..	1	1,375	Continuous work from 8 A.M. to 4 P.M.	Sundays and holidays	..	..	51	51	3	
			96 horse-power steam engines.	7															
2	Southern India Spinning and Weaving Mill, Royapuram.	Spinning yarn	80 horse-power engine.	1	667	9	676	..	..	..	676	Midday stoppages.	Sundays and feast days...	..	..	4	4	5	
			30 horse-power engine.	1															
3	Harbour Works, North Beach.	Making and depositing concrete blocks.	40 horse-power engines.	2	371	5	376	..	..	..	376	Do. ..	Sundays and commercial holidays.	..	..	1	1	3	
			8 horse-power steam cranes.	3															
			10 horse-power titan cranes.	3															
			12 horse-power crane.	1															
			Loco-engines drawing 200 tons.	4															
			Loco-engines drawing 150 tons.	2															
4	Napier Works, Koorookupet.	General engineering.	10 horse-power steam engine.	1	251	..	251	..	..	..	251	Do. ..	Sundays	..	..	3	3	3	
5	Public Works Workshops, Seven Wells.	Miscellaneous kind of work.	10 horse-power engine.	1	309	1	310	..	..	..	310	Do. ..	Sundays and Government holidays.	..	1	2	3	3	
			8 horse-power engine.	2															
			4 horse-power engine..	1															
6	United Spinning and Weaving Mill, Chulay.	Spinning cotton twist.	300 horse-power steam engine.	1	672	38	710	115	4	119	829	Adults by midday stoppages and children by shifts.	Sundays or on varying week days.	..	..	2	2	3	

Statement to accompany Annual Report on the working of the Factories Act, Madras City—*cont.*

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.	Remarks.
					Adults.			Children.			Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.		
					Males.	Females.	Total.	Males.	Females.	Total.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
7	Buchingham Mill, Perambore.	Cotton spinning.	700 horse-power steam engine.	1	1,418	87	1,505	250	39	289	1,794	Adults by midday stoppages and children by shifts.	Sundays and feast days..	1	..	2	3	3	
			600 horse-power steam engine.	1															
8	Carnatic Mill, Perambore.	Cotton spinning and weaving.	100 horse-power steam engine.	1	1,360	25	1,385	133	..	133	1,518	Do. ..	Do. ..	..	2	20	22	3	
9	Cement Works, Koorookupet.	Manufacture of cement, shell-lime bricks and tiles.	30 horse-power steam engine.	1	157	62	219	11	2	13	232	Midday stoppages..	Do. ..	..	..	2	2	4	
			25 horse-power steam engine.	1															
			8 horse-power steam engine.	1															
10	Bee-Hive Foundry, Popham's Broadway.	Iron and brass founding, Smiths and Engineers.	12 horse-power steam engine.	1	99	..	99	9	..	9	108	Do. ..	Do. ..	..	..	..	..	3	
11	Simpson & Co., Mount Road.	Coach building.	10 horse-power portable engine.	1	215	..	215	11	..	11	226	Do. ..	Sundays and commercial holidays.	..	..	1	1	3	
12	Reliance Foundry, Yagatha Covil Street.	Iron and brass founding.	12 horse-power steam engine.	1	92	..	92	9	..	9	101	Do. ..	Sundays and general holidays.	..	1	..	1	4	
13	Government Printing Press, Mint Buildings.	Printing, binding and type-founding.	8 Horse-power steam engine.	1	838	6	844	..	..	..	844	Do. ..	Sundays and Government holidays.	..	1	2	3	3	
14	Lawrence Asylum Press, Mount Road.	Printing, binding and type-founding.	12 horse-power steam engine.	1	308	..	308	..	..	..	308	Do. ..	Sundays and half on Saturdays.	..	..	..	..	3	
15	Basin Foundry, Buckingham Canal.	Iron founding.	12 horse-power steam engine.	1	72	..	72	..	..	..	72	Do. ..	Sundays and Hindu festivals.	..	..	..	..	3	
			8 horse-power steam engine.	1															

Statement to accompany Annual Report on the working of the Factories Act, Madras City—*cont.*

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed. Adults. Males.	Adults. Females.	Adults. Total.	Children. Males.	Children. Females.	Children. Total.	Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section (5) B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year. Fatal.	Serious.	Minor.	Total.	Number of inspections held during the year.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
16	Paddy Grinding, Cleaning & Oil Manufactory, Trivettoor High Road.	Paddy grinding and manufacturing oil.	20 horse-power engine. 12 horse-power engine. 8 horse-power engine. 14 horse-power boiler engine. 12 horse-power boiler engine.	1 1 2 1 1	20	..	20	..	..	..	20	Midday stoppages.	Sundays and Hindu festivals.	..	..	..	..	3	
17	Moothian Chetty & Co., Washermenpet.	Iron safe manufacture.	Drilling-power .. Punching-machine .. Miscellaneous ..	2 2 2	50	..	50	..	..	..	50	Do. ..	Do. ..	..	..	..	..	3	
18	Raju and Co., Mylapore.	Engineering and iron-founding.	12 horse-power steam engine.	1	117	..	117	5	..	5	122	Do. ..	Do. ..	..	..	..	..	2	Brought on the register on 6th June 1893.
19	Municipal Workshops, Black Town.	Casting, fitting engine and carpentry.	Manual machinery..	Manual power.	175	..	175	12	..	12	187	Do. ..	Last Saturdays, Sundays and other holidays.	..	..	..	..	2	Brought on the register on 21st June 1893.
20	Municipal Pumping Station, Royapuram.	Pumping drainage water.	20 horse-power steam engine.	1	51	..	51	..	..	..	51	By shifts ..	Sundays half-a-day ..	..	..	..	..	2	Brought on the registeron 21st June 1893.
21	Government Brick-fields, Poonamallee Road.	Making bricks and tiles.	12 horse-power steam engine.	1	112	62	174	..	..	..	174	Midday stoppages.	Sundays	..	..	1	1	2	Brought on the register on 26th June 1893.
22	School of Arts, Poonamallee Road.	Pottery, carpentry, carpet-weaving, silver and gold smiths' work.	4 horse-power steam engine.	1	57	..	57	..	..	..	57	Do. ..	Sundays and Government holidays.	..	..	..	..	2	Brought on the register on 27th June 1893.
			Total ..	..	8,783	297	9,080	556	45	601	9,681			1	5	91	97	65	

APPENDIX.

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection. Men.	Women.	Children.	Number of children mustered at inspection.	Whether Registers C, D and E, and the file of certificates in Form B are kept.	Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 23, and (3) the notice required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of Women.	Children.	Operatives generally.	Number of persons employed at the end of the year. Men.	Women.	Children.	Maximum number of hands employed on any day during the year. Adults.	Children.	Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses (*a*), (*b*), (*c*), (*d*), (*e*), (*f*), (*g*), (*h*), (*i*), section 15 (2).
Gun Carriage Factory ..	Lieut.-Colonel A. F. Fletcher, Superintendent.	13th Feb. 1893 .. 13th June ,, .. 22nd Nov. ,, ..	1,188 1,273 1,302	2 2 2	5 3 1	5 3 1	Yes ..	Yes ..	Yes.	Good.	Good.	Good.	Good.	1,219	2	..	1,429	5	*Nil.*
Southern India Spinning and Weaving Mill.	Dasalai Burgojee Arasia.	16th Jan. ,, .. 28th Jan. ,, .. 11th Apr. ,, .. 1st June ,, .. 17th Oct. ,, ..	689 729 713 689 728	12 12 10 10 9	5	5	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	760	9	...	769	5	Do.
Harbour Works	Mr. R. W. Thompson, Engineer.	24th Jan. ,, .. 3rd June ,, .. 18th Oct. ,, ..	336 341 354	2 2 2	.. .. ..	.. .. ..	Register E maintained.	Do. ..	Do.	Do.	Do.	Do.	Do.	417	10	..	427	..	Do.
Napier Works	Mr. A. S. Massey ..	10th Feb. ,, .. 10th June ,, .. 18th Dec. ,, ..	163 181 236	.. .. ..	.. .. ..	.. .. ..	No ..	Do. ..	Do.	Do.	Do.	Do.	Do.	267	..	..	286	..	Do.
Public Works Workshops ..	Mr. L. L. Wickham.	25th Jan. ,, .. 15th June ,, .. 29th Nov. ,, ..	361 259 255	2 1 1	.. .. ..	.. .. ..	Register E maintained.	Do. ..	Do.	Do.	Do.	Do.	Do.	268	..	..	418	..	Do.
United Spinning and Weaving Mill.	Mr. E. F. Moody ..	31st Jan. ,, .. 23rd June ,, .. 15th Dec. ,, ..	599 640 644	30 37 40	34 65 63	34 65 63	Yes ..	Do. ..	Do.	Do.	Do.	Do.	Do.	689	42	143	798	151	Do.
Buckingham Mill	Mr. T. A. Wilkinson.	14th Feb. ,, .. 20th June ,, .. 28th Dec. ,, ..	1,331 1,337 1,460	75 62 95	313 269 305	313 269 305	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	1,469	89	302	1,558	307	Do.
Carnatic Mill	Mr. J. Fowler ..	14th Feb. ,, .. 22nd June ,, .. 29th Dec. ,, ..	1,300 1,371 1,359	59 103 13	72 121 125	72 121 125	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	1,391	13	123	1,500	168	Do.
Cement Works	Mr. W. H. Casebourne	3rd Feb. ,, .. 10th June ,, .. 20th July ,, .. 30th Nov. ,, ..	133 128 161 125	62 31 66 55	41 89 8 13	41 89 8 13	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	172	85	14	297	20	Do.
Bee-Hive Foundry	Mr. R. D. Frier ..	24th Jan. ,, .. 2nd June ,, .. 23rd Oct. ,, ..	89 108 109	.. .. ..	7 11 9	7 11 9	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	138	..	16	138	17	Do.

APPENDIX—*cont.*

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D, and E and the file of certificates in Form B are kept.	Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 28, and (3) the notice required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses (*a*), (*b*), (*c*), (*d*), (*e*), (*f*), (*g*), (*h*), (*i*), section 15 (2).
			Men.	Women.	Children.						Women.	Children.	Operatives Generally.	Men.	Women.	Children.	Adults.	Children.	
Simpson and Co.	Mr. G. W. Caddon ..	2nd Feb. 1893..	242	..	15	15	Yes	Yes	Yes.	Good.	Good.	Good.	Good.	261	..	9	269	9	*Nil.*
		17th June ,, ..	261	..	11	11			Do.	Do.	Do.	Do.	Do.	73	..	5	206	12	Do.
		23rd Nov. ,, ..	239	..	6	6			Do.	Do.	Do.	Do.	Do.	803	..	..	903	..	Do.
Reliance Foundry	Mr. J. F. Dederick ..	30th Jan. ,, ..	206	..	..	..	Yes	..	Do.	Do.	Do.	Do.	Do.	338	..	..	339	..	Do.
		5th June ,, ..	126	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.	83	..	..	89	..	Do.
		20th Oct. ,, ..	80	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.	15	..	..	25	..	Do.
		1st Dec. ,, ..	104	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.	60	..	..	63	..	Do.
Government Printing Press.	Mr. R. Hill, Superintendent.	26th Jan. ,, ..	759	6	..	..	Register E maintained.	Do.	Do.	Do.	Do.	Do.	Do.	122	..	..	149	14	Do.
		12th June ,, ..	712	8	..	..			Do.	Do.	Do.	Do.	Do.	243	..	..	259	25	Do.
		2nd Dec. ,, ..	821	5	..	..			Do.	Do.	Do.	Do.	Do.	97	..	..	106	..	Do.
Lawerence Asylum Press ..	Mr. G. W Taylor ..	28th Feb. ,, ..	329	..	..	..	No	Do.	Do.	Do.	Do.	Do.	Do.	125	..	..	202	..	Do.
		19th June ,, ..	338	..	..	..			Do.	Do.	Do.	Do.	Do.	50	..	..	67	..	Do.
Basin Foundry	C. Gopala Naiker ..	28th Nov. ,, ..	336	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.						
		4th Feb. ,, ..	71	..	..	..			Do.	Do.	Do.	Do.	Do.						
		9th June ,, ..	60	..	..	..			Do.	Do.	Do.	Do.	Do.						
Paddy Grinding, Cleaning and Oil Manufactory.	Ramanjulu Naidu and Sons.	6th Dec. ,, ..	66	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.						
		28th Jan. ,, ..	..	..	..	..			Do.	Do.	Do.	Do.	Do.						
		16th June ,, ..	10	..	..	..			Do.	Do.	Do.	Do.	Do.						
Moothian Chetty and Co. ..	Moothiah Chetty ..	3rd Nov. ,, ..	10	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.						
		21st Feb. ,, ..	47	..	..	..			Do.	Do.	Do.	Do.	Do.						
		7th June ,, ..	33	..	..	..			Do.	Do.	Do.	Do.	Do.						
Raju and Co.	D. Raju Modelly ..	7th Dec. ,, ..	52	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.						
		6th June ,, ..	126	..	..	..			Do.	Do.	Do.	Do.	Do.						
Municipal Workshops ..	Mr. Loane, Engineer.	27th Dec. ,, ..	112	..	..	..	Yes	Do.	Do.	Do.	Do.	Do.	Do.						
		21st June ,, ..	150	..	..	..			Do.	Do.	Do.	Do.	Do.						
		4th Dec. ,, ..	248	..	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.						
Municipal Pumping Station.	Do. do. ..	21st June ,, ..	61	..	..	..			Do.	Do.	Do.	Do.	Do.						
		4th Dec. ,, ..	47	..	..	..			Do.	Do.	Do.	Do.	Do.						
Government Brick Fields ..	Mr. H. Irwin ..	26th June ,, ..	109	..	..	..	No	Do.	Do.	Do.	Do.	Do.	Do.						
		23rd Dec. ,, ..	57	..	..	..			Do.	Do.	Do.	Do.	Do.						
School of Arts	Mr. E. Holder ..	27th June ,, ..	123	68	..	..	Register E maintained.	Do.	Do.	Do.	Do.	Do.	Do.						
		22nd Dec. ,, ..	67	..	..	..			Do.	Do.	Do.	Do.	Do.						
			49	..	..	..	No	Do.	Do.	Do.	Do.	Do.	Do.						

From the Head-quarter Deputy Magistrate, to the District Magistrate, Madura, dated Madura, 25th March 1894, No. 95.

I have the honour to submit my report under the Factories Act XV of 1881 for the year 1893, with the prescribed statements.

2. There is only one factory in this division as in the previous year, viz., "The Madura Mills Company, Limited" under the management of Messrs. A. & F. Harvey.

3. The chief work performed in this factory is the manufacture of cotton yarn by means of machinery driven by a pair of steam engines of 900 indicated horse-power.

4. The factory was inspected thrice on the dates mentioned in the margin by the permanent Deputy Magistrate, Mr. Srinivasa Row, and copies of notes of inspection are herewith submitted. It will be observed from them that the building is well-ventilated and that the sanitary condition of the premises is good. There is sufficient latrine accommodation provided for the operatives. There is also ample supply of good drinking water for the use of the operatives. The health of the operatives, especially of women and children, was generally good.

25th March 1893.
10th November 1893.
21st December 1893.

5. The dangerous parts of the machinery are properly fenced and are not accessible to the operatives and visitors.

6. There was no accident of any kind during the year under report.

7. No prosecutions were instituted under the Act during the year under report as in the previous year.

8. With reference to paragraph 4 of the Resolution of the Government of India, dated 30th June 1892, a statement showing the rates of wages paid by the Company to the operatives, as compared with the local rates, is submitted herewith. The women are paid as piece-workers. They are stated to earn about Rs. 5 a month, or $2\frac{1}{2}$ annas a day.

Reference on C. No. 648.

Submitted to the Chief Secretary to Government, Judicial Department, with copy of enclosures with reference to G.O., dated 22nd July 1892, No. 1315, Judicial.

2. This is the only factory in this district falling under the scope of Act XV of 1881.

MADURA, *4th April* 1894. (Signed) M. TILLAINAYAGAM PILLAI, for *District Magistrate.*

NOTES of Inspection of the Cotton Spinning Factory, Madura.

Inspected the factory between 10 and 11 A. M. to-day.

2. Examined the children working in the factory and referred to the register in the case of those whose ages appeared to be doubtful and found that their ages have been certified by the District Surgeon to be above nine years. The health of the children is good. The age certificate form is still headed C, the heading according to the new rules being B; but there is no difference in the form. Register C has been properly maintained. It was headed B before. It is now headed C according to the new rules, and this has been noted in red ink on the cover. Two registers in form D are opened, one for children working in the morning and one for those working in the afternoon, each set working for $5\frac{1}{2}$ hours. There are 113 on each register. According to C register 460 children have been entertained up to date, but only 226 attend; the rest have ceased to attend.

3. Register E is not maintained as women are piece-workers.

4. F form notice has been put up in a conspicuous part of the building.

5. Tamil translation of the rules has been put up.

6. Ventilation is sufficient. Water-supply is ample. The new latrine buildings have been completed and they are sufficient for all the workmen. Sanitary condition of the factory premises is satisfactory.

25th March 1893. (Signed) M. SRINIVASA Row, *Deputy Magistrate.*

1	2	3	4			5	6	7	8	9	10	11	12	13													
Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by rules 25, (3) in the notice required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.								
																			Under section 15 (1) of the Factories Act, clauses								Total of (a) to (i)	Under section 15 of the Factories Act.	Total number of persons examined.
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)			
Madura Cotton Mills Company, Limited.	A. Urie.	25th Mar. 1893.	381	195	200	99	Yes.	Yes.	Yes.	All good.	Good.	Good.	Healthy.	601	164	224	804	238	..	..	..	..	..	..	..	..	..	..	..	..
		10th Nov. 1893.	613	190	203	96																								
		21st Dec. 1893.	576	188	222	108																								

FORM I.

STATEMENT to accompany Annual District Report on the working of the Factories Act, Madura District.

Serial number of factory.	Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) or Sundays, (2) or varying week days, or (3) whether factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections during the year.					Remarks.
					Adults.			Children.															
					Males.	Females.	Total.	Males.	Females.	Total.	Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrate.	By Special Inspectors of Factories.	By Medical officers.	By other officers, if any.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Madura Mills Company, Limited.	Manufacturing cotton yarn.	Machinery driven by a pair of steam engines.	900 indicated horse-power.	582	182	664	217	..	217	881	The factory is worked by shifts for children from 6-30 to 12 and 12-30 to 6 P.M., and by stoppages from 12 to 12-30 for adults.	General holiday on Sunday.	..	..	..	..	3	..	..	..	3	

(Signed) M. TILLAINAYAGAM PILLAI,
For *District Magistrate.*

STATEMENT showing the rates of wages of the adult male, female and children labourers employed in the Cotton Mill office, in Madura town, and in rural tracts of Madura and Mélúr taluks.

Place.	Male.	Female.	Children.
	Rate of wages.	Rate of wages.	Rate of wages.
Cotton Mill office, Madura town	5 to 7 rupees per month or 3 to 4 annas per day.	4 to 5 rupees per month or 2 to 3 annas per day.	3 to 4 rupees per month or 1½ to 2½ annas per day.
Madura town (other places)	4 annas per day ..	2 to 2½ annas per day.	2 annas per day.
Rural tracts of the Madura taluk	3 annas per day ..	2 annas per day ..	1½ annas per day.
Mélúr town	3 to 4 annas per day.	1½ to 2 annas per day.	2 annas per day.
Rural tracts of the Mélúr taluk	2 to 3 annas per day.	Do. ..	1½ annas per day.

NOTES of Inspection of the Madura Cotton Mill Factory.

1. Everything is satisfactory.

2. The F form notice has been put in a frame under glass as suggested in the remarks made at the last inspection.

3. I understand that no girls are employed now.

4. I mustered the male children employed in the factory and found them in good health. They are all working cheerfully.

5. I examined the several registers maintained in the factory. There is nothing to add to my former remarks in respect of them.

21st December 1893. (Signed) M. SRINIVASA ROW,
Deputy Magistrate.

NOTES of Inspection of the Spinning Mill Factory, Madura.

Date of Inspection, 10th November 1893.

1. *System of employment.*—Adult males work from 6-30 A.M. to 6 P.M. with an interval of half an hour from 12 noon to 12–30 for rest—11 hours a day. The children work by shifts, *i.e.*, one set from 6-30 A.M. to 12 noon, and another set in the afternoon from 12-30 noon to 6 P.M.

2. *Holidays.*—Generally Sundays are holidays. If work is carried on on any Sunday, holiday is granted on one of the three days immediately preceding or succeeding the Sundays provided in the Act.

3. *Children.*—All the male children employed in the factory were mustered. Their health was good. I observed more grown boys with good physique than on previous occasions. Their ages have been certified by the District Surgeon and a file of the District Surgeon's certificate (Form B) has been properly maintained. The registers C and D have also been properly maintained. I found some girls under the age of 14 years employed in the factory. They were assisting the adult females in ruling thread and some were cleaning parts of the machinery for ruling. I understand that these girls are paid 2 annas a day when employed in cleaning machinery, but that they are not paid anything for assisting the adult females who are employed as piece-workers. The women who are probably related to them as mothers, &c., perhaps themselves employ them. No register is maintained for these girls, nor are their ages certified. Although they do not form part of the regular staff of the factory, they come within the definitions of child, &c., person employed in section 2 of the Factory Act XV of 1881 and therefore under section 9 of the Act and the rules framed by the Government under it, the ages of these girls should be certified by the District Surgeon and registers should be maintained for them.

4. Women are employed as piece-workers and therefore no regular register in the form prescribed in the rules is maintained. But a register has been maintained to show the work turned out by each daily.

5. Written notice showing the hours of work and rest has been put up.

6. All dangerous parts of the engine and machinery connected therewith have been securely fenced. No women or children are employed in working the engine or in any other dangerous works. There have been no accidents this year up to date.

7. The factory is very well ventilated and kept clean and is free from effluvia arising from drains, privy or other nuisance. There is no overcrowding of workmen.

8. A Brahmin waterman has been employed to supply drinking water to the work people and he keeps a sufficient supply of good drinking water.

9. There is good and sufficient latrine accommodation for males and females separately.

10. A copy of the rules under the Factory Act with their Tamil translation has been put up in a conspicuous place in the factory. The F Form notice referred to above seems to have been recently written again. To prevent its being torn or otherwise destroyed, it may be put in a frame under glass.

11. The managers are paying every attention to the comfort and convenience of the work people employed in the factory, and they all appear to be happy.

(Signed) M. SRINIVASA ROW,
Deputy Magistrate.

From A. E. CASTLESTUART STUART, Esq., Acting District Magistrate of South Arcot, to the Chief Secretary to Government, dated Merkanam, 27th March 1894, No. 509-Ind.

I have the honour to submit copies of reports for 1893, with statements Nos. 1 and 2 prescribed in G.O., dated 22nd July 1892, No. 1315, received from the Deputy Magistrates of Cuddalore and Tirukkóyilúr, ex-officio Inspectors, respectively, of Messrs. Parry and Company's sugar factory and distillery at Nellikuppam, Cuddalore taluk, and sugar factory at Tiruvennanallúr, Tirukkóyilúr taluk.

2. These are the only factories in the district. The distillery at Nellikuppam has been treated as a portion of the sugar factory with reference to G.O., dated 2nd December 1893, No. 2530, the decision in which has not been contested.

3. The minimum number of inspections was not held of the sugar factory at Tiruvennanallúr and the explanation for this is given in the remarks column of Return No. 1 submitted by the Deputy Magistrate, Tirukkóyilúr.

4. Information on the points mentioned in paragraph 4 of the Government of India letter read in G.O., dated 22nd July 1892, No. 1315, quoted above, except particulars regarding wages of operatives and prosecutions under the Act is embodied in the returns. There were no prosecutions during the year. As regards wages of the operatives, the Deputy Magistrate, Cuddalore, has made no remarks on the subject; but the Deputy Magistrate, Tirukkóyilúr, records some general observations which go to show that the wages of the workmen in the Tiruvennanallúr factory do not compare unfavorably with those of other classes of labourers. The factory at Nellikuppam being under the same management, it may, I think, be presumed that the wages of operatives in it are based on the same principles. To this question the Inspectors will be asked to devote more attention in the current year and give some details in their next report.

ENCLOSURES.

From M.R.Ry. P. KRISHNA RAO, Avargal, B.A., B.L., Deputy Magistrate, Cuddalore, to the District Magistrate, South Arcot, dated Tirumanikuli, 3rd March 1894.

I have the honour to submit my report on the working of the sugar factory and distillery at Nellikuppam for the year 1893, with Form No. 1 and appendix prescribed in G.O., dated 22nd July 1892, No. 1315.

2. The factory belongs to Messrs. Parry and Company and was inspected four times during the year under report. The first inspection was by Mr. Rajaratna Mudaliar and the third by Mr. Soundaraja Aiyangar, the then Deputy Magistrates who were in charge of the division. The other two inspections were made by me.

3. No children are employed in the factory.

4. The general condition of men and women is good.

5. The factory premises are kept clean and there is sufficient ventilation and water-supply.

6. All the dangerous parts of the factory are well fenced.

7. There were no prosecutions under the Act during the year under report.

FORM No. 1.

STATEMENT to accompany Annual District Report on the working of the Factories Act.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Whether factory is worked mainly (1) by shifts or (2) by midday stopping, or otherwise.	Whether a general holiday is ordinarily given on Sunday or on varying week days or (3) whether factory exempted under section 5-B (2-c) or (4) under section 5-B (2-d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.			Number of inspections held during the year.					Remarks.
					Adults.			Children.					Fatal.	Serious.	Minor.	By Magistrate.	By Special Inspectors of Factories.	By Medical officers.	By other officers, if any.	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Sugar Factory and Arrack Distillery at Nellikuppam.	Manufacturing sugar and arrack.	Steam engine.	Factory engine 3 to 400 horse-power; distillery 3 to 10 horse-power.	710	47	757	..	..	..	757	Worked by both shifts and stoppages; shifts 6 hours and 6 hours off; stoppages from 7 A.M. to noon and 2 P.M. to 6 P.M.	A holiday on varying week days.	..	2	10	12	4	..	..	..	..	4	

FORM No. 2.

1	2	3	4			5	6	7	8	9	10			11			12		13										14
Name of factory.	Name of the Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rule as required by Rule 23 and (3) the notice required by section 10 of the Act are put up in conspicuous places.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.									Remarks.
			Men.	Women.	Children.						Women.	Children.	Operatives Generally.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of the Factories Act, clauses								Total (a) to (i).	Under section 15 (2) of the Factories Act.	
																			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)		Total number of persons convicted.	
Sugar Factory and Arrack Distillery.	Mr. F. N. G. Gill.	29th January 1893.	442	27	..	..	21st January 1893.	This has been done.	Fenced properly.	Water-supply sufficient, ventilation good, accommodation sufficient, but sanitation is not as good as might be.	Good.	..	Good.	678	52	..	767	..	..	..	..	..	..	..	..	..	..	..	..	Complete enquiry was made regarding the working hours and holidays of women and men working in the factory. The former are not allowed to work at night and the latter are allowed days of rest. Those working on Sundays are allowed other days of rest.
		20th March 1893.	475	35	..	..	Registers C and D are not maintained as no children are employed.	Yes.	Do.	Water-supply, ventilation and accommodation sufficient. Sanitation is as good as could be expected in a factory like this.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	
		30th May 1893.	524	44	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	
		17th August 1893.	466	63	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	

From M.R.Ry. P. RAJARATNA MUDALIAR, Avergal, Deputy Collector and Magistrate, South Arcot, to the District Magistrate of South Arcot, dated 13th February 1894.

I have the honour to submit my report on the working of the Factories Act XV of 1881, in the Tirukkóyilúr division, during the year 1893, together with the statements prescribed in G.O., dated 13th July 1892, No. 1315, Judicial.

2. The only factory in this division falling within the scope of the Act is the sugar factory of Messrs. Parry and Company at Tiruvennanallúr, a village 14 miles from Tirukkóyilúr.

3. I inspected the factory twice during the year under report and found every thing in a satisfactory condition.

4. The factory being situated on the banks of the Mattur river and away from the village, its sanitation was on the whole good. There was also sufficient ventilation.

Children were not employed in the factory and the general appearance of the workmen was always good.

5. The workmen were paid for their daily work, but their wages were distributed once a fortnight. It does not appear that the wages were either low or were unnecessarily withheld, but on the other hand I have reason to believe that the labourers are treated with consideration and were paid ample rewards. The factory was worked by shifts. No irregularity could be observed and the registers were all regularly maintained. I made personal enquiries of the workmen during my visits and satisfied myself that no labourer was overworked. They also had their usual holidays in addition to a day's rest each week.

6. The fencing of the machinery was also satisfactory.

7. There was only one accident on the 21st September 1893. This was not due to any defect in the factory itself, but was the result of the man falling asleep while at work. He fell down a low platform after having been on duty only for 3 hours. Further information regarding the accident is appended below:—

Name	... ...	Thandavaroyan.
Caste	... ...	Oodayan.
Sex	... ...	Male.
Age	... ...	20 years.
Nature of injury and how caused	...	Slight cut and bruise on the forehead caused by the cooly falling off at a low platform.
Remarks	... ...	Cured.

8. There were no prosecutions under the Act in the year under report.

9. There were no more than two inspections in the year, because the factory was not worked during the first three months and the Agent gave notice that it would be worked beyond the four months specified in the Act only on the 20th of June last.

FORM No. 1.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts or (2) by midday stoppages or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, (2) on varying week days, (3) or whether factory exempted under section 5-B (2-*c*), or (4) under section 5-B (2-*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					Remarks.
					Adults.			Children.														
					Males.	Females.	Total.	Males.	Females.	Total.				Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of factories.	By Medical officers.	By other officers, if any.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Messrs. Parry and Co.'s Sugar Factory at Tiruvennanallúr.	Sugar works.	Steam engine.	16 horse-power.	160	9	169	..	..	..	169	By shifts.	One day, *i.e.*, Sunday in the week is allowed. Not exempted.	..	..	1	1	2	..	..	..	2	There were only 2 inspections in the year because the factory was not worked during the first three months, and the Agent gave notice that it will be worked beyond the four months specified in the Act only on the 20th of June last.

FORM No. 2.

1	Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23 and (3) the notice required by section 10 of the Act are put up in conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.													
																					Under section 15 (1) of the Factories Act, clause									Total (*a*) to (*i*).	Under section 15 (2) of the Factories Act.	Total number of persons convicted.
				Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	(*a*)	(*b*)	(*c*)	(*d*)	(*e*)	(*f*)	(*g*)	(*h*)	(*i*)			
2	3	4					5	6	7	8	9	10			11			12		13											
Messrs. Parry and Co.'s Sugar Factory at Tiruvennanallúr.	Mr. J. F. Morris.	11th July 1893.		152	13	..	..	They are all kept.	F is hung. Notice put up in a conspicuous place.	Properly fenced.	Good.	Generally good.			168	4	..	200	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		26th Oct. 1893.		168	4	..	..																								

From W. J. H. LE FANU, Esq., District Magistrate, Gódávari, to the Chief Secretary to Government, dated Cocanada, 30th March 1894, No. 240-Magl.

I have the honour to submit my report on the working of the Factories Act No. XV of 1881 as amended by Act XI of 1891 in the district for the year 1893.

2. The marginally-noted factories referred to in my last year's report are the only factories that come under the purview of the Act, No. 1 being in the Joint Magistrate's and No. 2 in the Head-quarters Deputy Magistrate's Division.

1. The Department of Public Works Workshop at Dowlaishweram.
2. The Rice Factory at Georgepeta.

3. *I.—Inspection.*—Dowlaishweram Factory was inspected thrice during the year by the Joint Magistrate and the Georgepeta Factory thrice by the Deputy Magistrate. The average daily attendance of men, women and children in each of the factories is as shown below :—

		Dowlaishweram Factory.	Georgepeta Factory.
Men	... ...	131	100
Women	... ...	2	70
Children	Male	...	16
	Female	...	9
	Total ...	133	195

A general holiday is observed on Sundays in both the factories and every one is allowed two hours' rest in the middle of the day.

4. No children are employed in the Dowlaishweram Factory and therefore Registers "C" and "D" and the file of "B" certificates are not maintained. The "F" notice and the notice required by section 10 of the Act, as also a copy of the rules referred to in rule 23, were put up in a conspicuous place.

5. *Georgepeta Factory.*—All the children employed in this factory are of or above 9 years of age. Registers "C", "D" and "E" and the file of certificates in Form "B" are kept up. But the "B" certificates are signed by a person who has not been appointed as the Certifying Surgeon. The working hours of men, women and children during the year under report were the same as in last year's report and the defects pointed out in the last year's report were all remedied. The notice required by section 10 of the Act, the "F" notice and a copy of the rules referred to in rule 23 were all hung up in a conspicuous place.

6. *II.—Sanitary condition of and sanitary arrangements in factories.*—The sanitary arrangements are good at both the factories. The factories are kept clean, and have good ventilation and water-supply.

7. *III.—The general health of the operatives, especially of the women and children* —In both factories the general health of the operatives is reported to have been good.

8. *IV.—Wages and general condition of the operatives, Dowlaishweram factory.*—The monthly wages of a man range from Rs. 25 to Rs. 2-8-0, *i.e.*, Rs. 0-13-4 and Rs. 0-1-4 a day, giving on an average Rs. 0-7-4 per day. The wages of workmen are reported not to be less than what they earn in the neighbourhood. The Joint Magistrate does not give the wages earned by women and the nature of industry on which men are employed. Wages are paid monthly.

9. *Georgepeta factory.*—The wages are regulated according to the work turned out by the workmen. The men get from 3 to 4 annas a day. The women and children get one and half annas a day on the average. These rates are, on the whole, slightly above ordinary rates of wages in the surrounding places. The wages are paid once a week and calculated on the number of actual working days, an allowance for Sundays being made in the case of those who attend to work regularly.

10. *V.—The employment of women and children.*—The two women in the Dowlaishweram factory are employed in cleaning the factory and no children are employed in this factory. The women in the Georgepeta factory are employed in carrying boiled paddy to the platform to dry and in removing the chaff, &c., from the pounded

rice, while the children help the women in drying the boiled paddy and in sweeping and cleaning the factory compound. None of these are employed in places where the machinery is working.

11. *Work of Certifying Surgeon.*—Government has, in its order No. 1591, dated 1st September 1892, appointed the Medical Officer in charge of the Dowlaishweram dispensary as the Certifying Surgeon of the Dowlaishweram factory. No certificates were issued by him as no children were employed. No Certifying Surgeon has as yet been appointed for the Georgepeta factory. The Deputy Magistrate's first nominee is reported not to have closed with the offer and the Deputy Magistrate has been requested to send up another nomination at an early date. Government will be addressed on the subject as soon as the Deputy Magistrate's reply is received.

12. *VI.—Fencing of machinery, &c.*—The machinery in both the factories is reported to have been properly fenced. Only men are allowed to work near the machinery.

13. *VII.—Accidents.*—There were no accidents in either factory and there have been none in the Georgepeta factory for the last 30 years.

14. *VIII.—Prosecutions.*—None were instituted during the year in either of the factories.

FACTORY return to be annually submitted by Inspector of Factories—Gódávari District—for 1893.

Name of Factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection. Men.	Women.	Children.	Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates Form 3 are kept.	Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 23, and (3) the notice required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of Women.	Children.	Operatives generally.	Number of persons employed at the end of the year. Men.	Women.	Children.	Medium number of hands employed on any day during the year. Adults.	Children.	Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total (a) to (i).	Under section 15 of the Factories Act.	Total number of persons convicted.
1	2	3	4			5	6	7	8	9	10			11			12		13													
Joint Magistrate's Division.																																	
Government Workshop, Dowlaishweram.	H. A. Moss, Esq., Executive Engineer.	28th July 1893.	123	2	..	..	Registers 'B,' 'C' and 'D' are not kept as there are no children. Register "E" is kept.	(1) Yes .. (2) Yes. (3) Yes.	Properly fenced.	Good ..	Good.	..	Good	123	2	..	153	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	J. M. Lacy, Esq., Assistant Engineer.	14th November 1893.	114	2	..	..	'B,' 'C' and 'D' are not kept as there are no children. 'E' is kept.	(1) Yes .. (2) Yes. (3) Yes.	Do. ..	A water-pandal is kept. Ventilation good. Two latrines kept, accommodation sufficient.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		13th December 1893.	162	2	..	..	'B,' 'C' and 'D' are not kept as there are no children. 'E' is kept.	(1) Yes .. (2) Yes. (3) Yes.	Do. ..	Do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Head-quarters Deputy Magistrate's Division.																																	
Rice Factory, Georgepeta, Cocanada Division.	Mr. F. Goblin.	21st June 1893.	99	89	16	16	No	Form 'F' only kept.	Yes ..	Good enough.	Good.	Good.	Good.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		17th November 1893.	96	65	25	23	Not properly owing to a misunderstanding of the rules. I have explained them again.	Form 'F' only kept. The others not properly kept.	Do. ..	Do. ..	Do.	Do.	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		26th December 1893.	90	64	21	21	Yes, correctly kept.	All correctly kept.	Do. ..	Do. ..	Do.	Do.	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

FORM I.

STATEMENT to accompany Annual District Report on the working of the Factories Act for 1893.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed. Adults. Males.	Females.	Total.	Children. Males.	Females.	Total.	Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts or (2) by midday stoppage or (3) otherwise.	Whether a general holiday is generally given (1) on Sundays, or (2) varying week days, or (3) whether exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year. Fatal.	Serious.	Minor.	Total.	Number of inspections held during the year. By Magistrates.	By Special Inspectors of Factories.	By Medical Officers.	By other officials, if any.	Total.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Dowlaishweram Workshop.	Wood and iron works.	Steam engine.	12 horse-power.	131	2	133	..	..	..	133	Midday stoppage.	Every Sunday; every festival day.	..	..	..	..	3	..	..	..	3	Abstract of district total. Total number of factories .. .. 2 Iron and wood works. 1
2	Rice Factory at Georgepeta.	Manufacture of rice.	Do. ..	40 horse-power.	100	62	162	16	9	25	187	Do. ..	Do. ..	..	..	..	..	3	..	..	..	3	Rice mill .. .. 1 Total .. 2
				Total ..	231	64	295	16	9	25	320			..	..	..	..	6	..	..	..	6	Number of factories inspected 3 times during the year .. 2

From K. C. MANAVEDAN RAJA, Esq., Acting District Magistrate, Anantapur,
to the Chief Secretary to Government, dated 9th April 1894, No. 221.

I have the honour to submit herewith copy of the report on the working of the Factories Act together with copies of statements prescribed in paragraph 2 of G.O., dated 22nd July 1892, No. 1315, received from the Sub-divisional Magistrate of Gooty, and to state that there are no factories in the other divisions of the district.

2. Four factories worked during the year under report, all of them being connected with cotton press. One of these, viz., Sabapathy Mudaliar's cotton press at Tadpatri, was not brought under the provisions of the Act, as the number of operatives employed did not reach the minimum (viz., 50) on any working day.

3. Certifying Surgeons have not been appointed for any of the factories and the Deputy Magistrate considers that the appointment of any, at present, is unnecessary.

4. There were no prosecutions and no accidents at all at any of the factories during the year under report.

FORM I.

STATEMENT to accompany Annual District Report on the working of the Factories Act.

Name of District (or Presidency Town)—Gooty Division.

Serial number of factory.	Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during tne year.				Number of inspections held during the year.					Remarks.
					Adults.			Children.			Total columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical Officers.	By other officers, if any.	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Volkart United Company's Guntakal.	Cotton pressing.	Steam engine.	36 horse power.	118	160	278	12	14	26	304	Midday stoppages.	There is a general holiday on Sunday but varying as exigencies arise.	..	..	..	..	2	..	..	..	2	Abstract (District Totals) Total number of factories—3. Cotton mills .. .. Jute mills .. .. Woollen mills .. .. Paper mills .. .. Breweries .. .. Flour mills .. .. Cotton-cleaning factories .. .. Cotton presses .. 3 Jute presses .. .. Leather works .. .. Iron works or foundries .. .. .. Sugar works .. .. Printing Presses, &c. .. .. .. Total .. 3 Number of factories inspected once during year .. 1 Number of factories inspected twice during year .. 2 Number of factories inspected three times during year .. Number of factories inspected more than three times duringyear .. ..
2	Arbuthnot & Co., Press, Thimmanchorla.	Do. ..	Do. ..	35 horse power.	69	83	152	..	..	..	152	Do. ..	Do. ..	..	..	..	..	2	..	..	..	2	
3	Binny and Co., Cotton Press, Tadpatri.	Do. ..	Do. ..	20 horse power.	37	38	75	..	..	..	75	Do. ..	Do. ..	..	..	..	..	1	..	..	..	1	
				District Totals ..	224	281	505	12	14	26	531			..	..	..	..	5	..	..	..	5	

11

FORM II.

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.										
			Men.	Women.	Children.						Women.	Children.	Operative generally.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of Factories Act, clauses									Under section 15 (2) of the Factories Act.	Total number of persons convicted.
																			(a)	(b)	(g)	(d)	(e)	(f)	(g)	(h)	(i)	Total (a) to (i).	
1	2	3	4			5	6	7	8	9	10			11			12		13										
Volkart United Press Company, Guntakal.	Mr. T. C. Read ..	27th June 1893.	127	150	30	30	No	No ..	Yes.	Fair ..	Generally good.			116	150	26	277	30											
											Do.																		
		28th Sept. 1893.	106	137	20	20	Register kept but not in the prescribed form. File of certificates not kept.	Kept ..	Yes.	Do. ..	Do.			83	98	..	195	..											
Arbuthnot and Co., Press, Thimmanchorla.	Mr. W. C. A. Pritt.	27th June 1893.	73	96	3	3	No	No ..	Yes.	Good ..	Do.																		
		29th Sept. 1893.	81	94	..	..	Register E kept. File of certificates not kept.	Kept ..	Yes.	Do. ..	Do.			26	30	..	83	..											
Binny and Co., Cotton Press, Tadpatri.	Mr. T. Grubert ..	19th Sept. 1893.	36	39	..	..	Register E kept. File of certificates not kept.	Kept ..	Yes.	Do. ..	Do.																		

Note.—This supersedes the form prescribed in paragraph 5 of G.O., dated 19th December 1891, No. 2668.

ENCLOSURES.

From M.R.Ry. K. NARAYANA IYER, Avargal, Deputy Collector and Magistrate of Gooty Division, Anantapur District, to the District Magistrate of Anantapur, dated 25th March 1894, No. 208.

In forwarding herewith two statements prescribed, I have the honour to submit my report on the working of the Factories Act in my division for the calendar year 1893.

2. In the year under report the marginally-noted cotton presses were brought on the register of factories as they were found to come within the scope of the Indian Factories Act XV of 1881 as amended by Act XI of 1891. Besides these, there is another factory, viz., Mr. A. Sabhapathi Mudaliar's cotton press at Tadpatri. I examined it on 7th September 1893 and 28th February 1894. It does not fall under the provisions of the Act, as the number of operatives employed in it is below 50. Hence it was not brought on the register.

1. Volkart United Press Company, Guntakal.
2. Thimmanchorla, Arbuthnot and Co., Press.
3. Binny and Co.'s Press, Tadpatri.

3. In the three factories mentioned above cotton is pressed into bales with the aid of steam engines, whose powers are given in Form No. I.

4. The three presses, viz., Volkart United Press, Messrs. Arbuthnot and Co.'s Press and Messrs. Binny and Co.'s Press, worked actually 139, 125 and 129 days, respectively, during the year under report. The factories were inspected as mentioned below :—

Name of press.	Date of inspection.
(1) Volkart United Press, Guntakal	... 27th June 1893 and 28th Sept. 1893.
(2) Thimmanchorla, Arbuthnot and Co., Press.	... 27th June 1893 and 29th Sept. 1893.
(3) Binny and Co.'s Cotton Press, Tadpatri.	... 19th September 1893.

I had been to Tadpatri on two other occasions, viz., on 3rd September and 19th December 1893, and remained there 6 and 4 days, respectively, but the press marked No. 3 was not working then. It was not inspected by my predecessor during the first half-year. Hence only one inspection was made.

5. Children above 12 years were employed in Messrs. Volkart and Co.'s United Press. There is no Certifying Surgeon, however, to this factory. The children are said to have been employed only for picking up cotton and that they are never allowed to approach the machine.

Three children were found to be employed on 27th June in Messrs. Arbuthnot and Co.'s press, when it was inspected by my predecessor, but they seem to have been since discontinued.

No children were employed in Messrs. Binny and Co.'s cotton press, Tadpatri.

6. The registers in the prescribed forms were not kept in Messrs. Volkart and Co.'s United Press, but only one register is kept allotting certain pages for males, females and children. Necessary instructions were given to maintain the prescribed registers.

Registers C and D were not kept by the agents of Messrs. Arbuthnot and Co.'s press and Messrs. Binny and Co.'s press, as no children were employed in either of these presses. They have kept register marked E.

7. Required notices were hung up. Copy of the rules in English as required by Rule 23 was also hung up in each of the presses, but no translation thereof in the vernacular of the district was hung up. The agents were requested to see that the latter is also hung up in a conspicuous place in the factories.

8. The sanitary condition of all the three factories is good. The premises were found clean and the factories are well ventilated. There are good wells with abundant water-supply in the compounds of the factories except in Messrs. Volkart and Co.'s, where they get the drinking-water from the pipe in the Guntakal Junction railway

station. The health of the operatives was found to be generally good. No latrines have been provided in any of the factories, the coolies preferring to go and ease themselves in the adjoining open plain.

9. Wages are paid generally at the various factories as noted below :—

Serial number and name of factory.	Wages per day for		
	Men.	Women.	Children.
(1) Messrs. Volkart's United Press, Guntakal	As. 4 to 8	As. 2 to 3½	As. 1 to 1½
(2) Messrs. Arbuthnot and Co.'s Press, Thimmanchorla ...	„ 4 to 7	„ 2 to 2½	...
(3) Binny and Co.'s Press, Tadpatri.	„ 3 to 6	„ 2 to 2½	...

10. Men are generally employed in the factories for lifting up bales, &c., women for cleaning and picking cotton, &c., and children for picking cotton.

11. The machinery in each of the factories is secure, being kept in separate rooms where no one is allowed to go except the workmen connected with the machinery.

12. No accidents occurred during the year in any of the factories.

13. There were no prosecutions under the Act during the year.

14. The provisions contained in Factories Act and the rules were observed in this division only during 1893. I will make more inspections during the current year.

From G. S. FORBES, Esq., District Magistrate of Tinnevelly, to the Chief Secretary to Government, dated Tinnevelly, 11th April 1894, No. 389.

I have the honour to report on the working of the Indian Factories Act XV of 1881, as amended by Act XI of 1891, in the district for the calendar year 1893.

2. Of the five factories mentioned in the last year's report, the Tinnevelly Cotton Press Company stopped working at Sáttúr in 1892 and therefore did not come on the register for the year 1893. The Sugar Factory at Tuticorin also ceased to work on the 15th October 1892. Three new factories (Nos. 2, 3 and 4 of the marginal list) came under the operation of the new Act. They were registered after due consideration of the objections of the managers. There were thus six factories, as shown in the margin, on the registers during the year under report, the first four being in the Joint Magistrate's, the fifth in the Head Assistant Magistrate's, and the sixth in the General Duty Deputy Magistrate's divisions. The reports of these officers are enclosed. The statements appended show the dates and the results of the prescribed inspections.

1. Coral Mills Company, Limited, Tuticorin.
2. Volkart Brothers' Cotton Press, Tuticorin.
3. Milligan & Co.'s Cotton Press, Tuticorin.
4. New Berar Company's Cotton Press, Tuticorin.
5. Tinnevelly Mills Company, Pápanásam.
6. Kovilpatti Spinning Company, Limited, Kovilpatti.

3. *Inspections.*—The Coral Mills Company, Tuticorin, and the mills at Pápanásam were inspected thrice. The mills at Kovilpatti were inspected only twice notwithstanding repeated instructions that the mills should be inspected not less than thrice during the year. Mr. Anantarama Iyer, the late Deputy Magistrate, is responsible for the neglect, which, however, must be attributed in part at least to the illness which preceded his death. The other three factories in the Joint Magistrate's division were inspected twice only; they were not open for more than eight months after they were brought on the registers.

4. *Sanitary condition and arrangements.*—The sanitary conditions and arrangements of all the factories were on the whole satisfactory. The buildings are all well ventilated, with suitable arrangements for the supply of good drinking water. Sufficient latrine accommodation is provided at all the factories except at those of Messrs. Volkarts and Messrs. Milligan at Tuticorin. The Joint Magistrate states that arrangements are being made to supply the necessary provision at Messrs. Milligan and Co.'s factory. He has been instructed to serve a notice on Messrs. Volkarts, requiring them to take similar steps.

5. The general health of the operatives is reported to have been good. The rates of wages compare favorably with those earned by the ordinary day-labourer. At the Tuticorin mills they are considerably higher than those of agricultural labourers.

6. *Employment of Women and Children.*—Children are employed only in the factories at Pápanásam and Kovilpatti and women in all the factories except in those of the New Berar Company at Tuticorin. Sufficient recreation appears to have been allowed. The only work done by the Certifying Surgeons appears to have been the granting of certificates of the age of children; but I am issuing instructions to the Divisional officers to have occasional inspections made by the Medical Officers in view of their reporting upon the general health of the operatives and upon the sanitary conditions and arrangements of the factories.

7. All the dangerous portions of the machinery in all the factories are reported to be securely fenced.

8. There were in all eight accidents reported during the year, none of which proved fatal. They are described in the reports enclosed. In January last I personally warned the Manager of the Kovilpatti Mills, where in four cases boys received injuries, to arrange for the exercise of more careful supervision over the young operatives.

9. No prosecutions were instituted under the Act during the year.

ENCLOSURES.

From M.R.Ry. P. SIVARAMA AIYAR, Avargal, Acting Deputy Magistrate on General Duties, Srívillipúttur, to the District Magistrate of Tinnevelly, dated Virudupatti, 1st March 1894.

I have the honour to submit my report on the working of the Indian Factories Act during 1893, together with the statements prescribed in G.O., dated 22nd July 1892, No. 1315.

2. The only factory in this division falling within the scope of the Act is "the Kovilpatti Spinning Company, Limited."

3. It was inspected only twice in the year under report by the late Deputy Magistrate, on the 18th May and 15th September 1893. Copies of notes of inspection were submitted to you at the end of the second and third quarters.

4. *Water-supply*—is quite sufficient. The quality of the water is good though it is not filtered. There is a pond west of the Mill office. There are, besides, three wells within the compound of the Mill office.

5. *Sanitation.*—Most of the mill operatives live close by the mills in small huts built and let on rent by the company. The huts are in good order and are built in rows so as to form small streets. These streets are well swept and clean. A number of latrines have been built at a distance from these habitations and are cleaned daily. The sanitary arrangements are on the whole very fair. There is sufficient ventilation in the factory building.

6. *Employment of Women and Children.*—Adult females and girls are employed exclusively as reelers and are paid on the quantity of work turned out. Their monthly maximum wages amount to Rs. 4, or roughly to 2 annas per diem. Boys are paid wages according to the nature of the work, which range from Rs. 2½ to Rs. 5 as under :—

Doffers	Rs. 2½ to 3
Gaiters	„ 5
Machine boys	„ 3½ to 4½

7. *Fencing of Machinery.*—All dangerous machinery is properly fenced.

8. *Accidents.*—There were five accidents in the year under report. They were all of a minor nature, and the injured in four cases were boys. The injuries in all these cases were slight and were caused in four cases through the carelessness of the injured operatives themselves. In the other case a boy accidentally slipped in and was caught by a driving strap and received two wounds on the head. The injured in the first

four cases were treated by the Medical Officer of the mill and in the other case by the Civil Apothecary at Sáttúr.

9. *Prosecution.*—Nil.

10. The Cotton Presses at Sáttúr and Virudupatti which worked in the year under report were not taken in the list as coming within the scope of the Act and were not inspected by the late Deputy Magistrate.

From W. B. AYLING, Esq., Acting Head Assistant Magistrate, Tinnevelly, to the District Magistrate of Tinnevelly, dated Tinnevelly, 6th March 1894.

I have the honour to submit my report on the working of the Factories Act in this division during 1893.

The only factory in this division belongs to the Tinnevelly Mills Company, Limited, and is located at Pápanásam in Ambásamudram taluk. It was inspected by me thrice during the year under report on the following dates—20th March 1893, 23rd August 1893, and 15th November 1893. The inspection was conducted on the lines prescribed, and the necessary entries were then and there made in the register kept for the purpose.

The structure of the building is good and strong. The ventilation is sufficient and the water-supply is good. The only defect from a sanitary point of view that came to my notice was on my second inspection, when I found the latrine, though regularly cleaned, required to be thoroughly disinfected. On my next visit I found that this had been done.

All the operatives—men, women and children—looked in good condition and healthy.

The average wages earned by the men, women and children employed in the factory are as follows:—

	RS.	A.	P.	
Men	6	15	10	per mensem.
Women	4	8	8	,,
Children	2	0	0	,,

In the case of children who were mustered at the three inspections, the certificates in form B were all found to be correct. The machinery appears to me to be as well fenced as is consistent with proper working.

There were two accidents during the year under report. Neither was of a serious nature. One was caused by an iron door dropping on a man's foot; the other by a man negligently placing his hand between two calender rollers in one of the scutching machines. There were no prosecutions in 1893 under the Factories Act in this division.

The statements prescribed are enclosed within.

From J. H. MUNRO, Esq., Acting Joint Magistrate of Tinnevelly, to the District Magistrate of Tinnevelly, dated 7th February 1894.

I have the honour to report on the working of the Indian Factories Act during the year 1893.

2. There were only two factories, viz., the Coral Mills Company, Tuticorin, and Sugar Factory, Tuticorin, in the register of last year. The latter ceased to work on 15th October 1892. The three factories noted in the margin were found to come within the scope of the Act as amended by Act XI of 1891 and they were entered in the register at the end of June 1893 after the objections of their managers had been heard.

Volkart Brothers (No. 2).
Milligan and Company (No. 3).
New Berar Company (No. 4).

3. *Inspections.*—The Coral Mills Company (No. 1) was inspected thrice and the other three factories only twice as they were not open for more than eight months after being brought to the register.

4. *The sanitary condition*—of all the four factories was found to be on the whole good. The buildings are well ventilated. Water-sheds are kept in factories Nos. 1, 2 and 3. There are separate latrines for males and females in factories Nos. 1 and 4, but none in Nos. 2 and 3. In the case of No. 2 the open country in the rear of the mill is used, and in the case of No. 3 arrangements are being made to build a latrine.

5. The general health of the operatives at the time of inspection appeared to be good. The wages of the operatives employed in the factories appear to be considerably higher than the wages earned by agricultural labourers in this locality.

6. *Employment of Women and Children.*—No children are employed in any of the factories. Some of the boys who work in the Coral Mills appeared to me to be under the age of 14; but medical certificates were produced in every case. Women are employed in the Coral Mills only.

7. The only work which the Certifying Surgeon is doing is the granting of certificates as regards ages of children. I think that he should be required to inspect the factories once a quarter and to report about the health of operatives and about the cleanliness and sanitary arrangements.

8. The machinery in all the factories is properly fenced. The manner in which the machinery in use in the Coral Mills is fenced has been given in the last year's report embodied in G.O., No. 1447, dated 17th July 1893. Only one accident was reported in the Coral Mills. On the 28th October a man sustained a fracture of the left arm, caused by the bursting of the casing of a steam cylinder. He has since recovered. No accidents were reported in the other factories.

9. No prosecutions were instituted under the Act.

10. The usual statements are forwarded.

Factories Act—

Tinnevelly. [Judicial Form No. 6 (Revised).

Name of Factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 28, and (3) the notice required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the Factory named in column 1.												Remarks.
			Men.	Women.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of Factories Act, clauses									Under section 15 (2) of the Factories Act.	Total number of persons convicted.	
																			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total (a) to (i)			
1	2	3	4			5	6	7	8	9	10			11			12		13												14
Coral Mills Company, Limited, Tuticorin.	D. Miller ..	17th June 1893. 2nd Sept. ,, 15th Dec. ,,	534 538 368	236 227 234	.. .. ..	.. .. ..	B., C. and D. kept. Another register slightly altered from E is kept to suit the requirements of piece-workers.	Yes ..	Yes.	Good. A water-shed is provided. There are two latrines. Premises well ventilated.	Normal.	..	Good.	576	225	..	809	..	..	..	..	..	..	..	..	..	..	..	..	..	
Volkart Brothers' Press, Tuticorin.	G. Tellwœger ..	27th Sept. 1893. 20th Dec. ,,	.. ..	.. ..	.. ..	.. ..	C. and D. is kept, but no entries. E. kept.	Not found.	Yes.	Water-shed is provided. Premises fairly ventilated. No latrine, but open country in the rear of the building is used.	..	..	..	8	..	..	64	..	..	..	..	..	..	..	..	..	..	..	..	..	Press not at work for some months and at the time of inspection.
Milligan and Company's Press, Tuticorin.	W. Fleming ..	27th Sept. 1893. 20th Dec. ,,	.. ..	.. ..	.. ..	.. ..	No	Yes ..	Yes.	Water-shed. Premises fairly ventilated. No latrine, but arrangements are being made to build one.	..	..	..	..	..	..	62	..	..	..	..	..	..	..	..	..	..	..	..	..	Do. do.
New Berar Company's Press, Tuticorin.	L. A. Montclair ..	27th Sept. 1893. 22nd Dec. ,,	.. ..	.. ..	.. ..	.. ..	No	No ..	Yes.	There are separate latrines for males and females. The buildings are old.	..	..	..	27	..	..	52	..	..	..	..	..	..	..	..	..	..	..	..	..	Do. do.
Tinnevelly Mills Company, Limited, Pápanásam.	Edward Smalley ..	20th Mar. 1893. 23rd Aug. ,, 15th Nov. ,,	246 257 235	108 120 117	56 51 63	10 44 19	Yes	Yes ..	Yes.	Water-supply good; ventilation sufficient, and latrine arrangements unobjectionable.			Good.	235	120	65	458	97	..	..	..	..	..	..	..	..	..	..	..	..	
Kovilpatti Spinning Company, Limited, Kovilpatti.	David Jaffrey ..	18th May 1893. 15th Sept. ,,	231 251	83 99	144 192	144 192	Yes	Yes ..	Yes.	Water supply sufficient, and the water supplied is good. Ventilation sufficient; accommodation and sanitation very fair.			Good.	315	121	212	c 436	212	..	..	..	..	..	..	..	..	..	..	..	..	

Note.—This supersedes the form prescribed in paragraph 5 of G.O., dated 19th December 1891, No. 2568.

[Judicial Form No. 7.

STATEMENT to accompany Annual District Report on the working of the Factories Act.
Name of District (or Presidency Town) Tinnevelly.

Serial number of factory.	Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.					Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days or (3) whether factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					Remarks.
					Adults.		Children.		Total columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspector of Factories.	By Medical Officers.	By other officers, if any.	Total.	
					Males.	Females.	Males.	Females.	Total.												
					6	7	9	10	12	13	14	15	16	17	18	19	20	21	22	23	24
	Abstract (District Totals). Total number of factories 6																				
	Cotton mills 3																				
	Jute mills																				
	Woollen mills																				
	Paper mills 2																				
	Breweries																				
	Flour mills																				
	Cotton-cleaning factories 2																				
	Cotton presses 3																				
	Jutepresses																				
	Leather works																				
	Iron works or foundries. 2																				
	Sugar works																				
	Printing Presses, &c.																				
	Total .. 6																				
	Number of Factories inspected once during year																				
	,, ,, twice ,, 4																				
	,, ,, three times ,, 2																				
	,, more than three times during year																				
1	Coral Mills Company, Limited, Tuticorin.	Cotton spinning.	Steam.	600 horse-power.	559	229	..	..	788	By mid-day stopping.	Ordinary holidays on Sundays and occasionally on week days.	..	1	..	1	3	..	..	..	3	
2	Volkart Brothers' Press, Tuticorin.	Cotton Press	Do.	120 horse-power.	32	15	..	..	47	Do.	Do. do.	..	..	..	..	2	..	..	..	2	
3	Milligan & Co.'s Press, Tuticorin.	Do.	Do.	24 horse-power.	6	2	..	..	8	Do.	General holiday on Sundays.	..	..	..	..	2	..	..	..	2	
4	New Berar Company's Press, Tuticorin.	Do.	Do.	16 horse-power.	31	..	..	..	31	Otherwise.	All general holidays and all Sundays.	..	..	..	..	2	..	..	..	2	
5	Tinnevelly Mills, Pâpanâsam.	Cotton spinning.	Water power.	200 horse-power.	246	115	..	..	361	Midday stoppage.	General holiday on Sunday, and if there be work on Sunday holiday in one of the 3 days preceding or succeeding the Sunday.	..	2	..	2	3	..	..	..	3	
6	Kovilpatti Spinning Company, Limited.	Cotton spinning.	Steam.	500 horse-power.	246	104	..	..	350	Midday stoppage.	General holiday on Sunday except when there are other holidays in the week.	..	5	2	7	3	..	..	..	3	
	District Totals ..				1,120	465	..	..	1,585			..	1	2	3	14	..	..	3	17	
					209	52	..	..	261				7	8	15						
									1,846						18						

From Captain A. D. G. SHELLEY, R.E., Inspector of Railway Factories, to the Chief Secretary to Government, dated Madras, 14th April 1894, No. 1211.

In compliance with G.O., No. 1315, Judicial, dated 22nd July 1892, I have the honour to forward herewith a report on the Railway Factories for the year 1893, together with the returns prescribed therein.

—

ENCLOSURE.

REPORT on the Railway Factories for the year 1893.

During the year under report the undermentioned factories were maintained on the register of the Government Inspector of Railway Factories, Madras, and were inspected on the dates shown against each of them :—

Name and description of factory.	First inspection.	Second inspection.	Third inspection.
Madras Railway.			
Ráyapuram (Terminal works and engine shed)	20th Feb. 1893.	17th July 1893.	16th Dec. 1893.
Perambúr (Locomotive and carriage shops)	21st ,, ,,	17th ,, ,,	9th Aug. ,,
Jalarpet (Engine shed and workshops)	16th Jan. ,,	(a)	19th Dec. ,,
Pódanúr (do. do.)	19th ,, ,,	(a)	20th ,, ,,
Gooty (do. do.)	15th Feb. ,,	(b)	(b)
South Indian Railway.			
Madras-Egmore engine shed	18th Mar. 1893	1st Aug. 1893.	(c)
Cuddalore engine shed	2nd Feb. ,,	3rd ,, ,,	14th Dec. 1893.
Negapatam (Locomotive and carriage shops)	3rd ,, ,,	4th ,, ,,	11th ,, ,,
Trichinopoly (Engineering shops)	6th ,, ,,	10th ,, ,,	13th ,, ,,
Madura (engine shed)	7th ,, ,,	7th ,, ,,	12th ,, ,,
Nellore (do.)	25th ,, ,,	15th ,, ,,	22nd ,, ,,
East Coast Railway.			
Waltair (Locomotive shops and engine shed) opened in 1893 ..	25th July 1893.	6th Nov. 1893	22nd Dec. 1893
Sitanagram workshop	Closed before any inspection made and consequently removed from the register.		

(a) On a representation having been made to the Consulting Engineer for Railways by the Madras Railway Company in April 1893, it was decided that as the engine stabling sheds are not on other railways in India held to be factories, Pódonúr and Jalarpet might therefore be removed from the list. But in November 1893, Pódanúr and Jalarpet were again, on further consideration, brought on the register of factories in accordance with the instructions laid down in G.O., No. 1447, dated 17th July 1893, Judicial.

(b) From April 1893, Gooty was removed from the register as it does not fall within the scope of the Act, the number of operatives employed being below 50.

(c) The factory at Egmore was, in consequence of incorrect information, not inspected a third time during 1893.

All the railway factories were maintained in a satisfactory condition and the provisions of the Act and the rules published thereunder were duly observed.

The general health of the operatives employed was good.

No women are employed in any of the Railway factories.

The average number of children employed in the various factories daily is 5.

During the year under review, 24 accidents occurred on the South Indian Railway factories, but none of these were of a serious nature. Six minor accidents occurred on the Madras Railway factories.

No prosecutions were ordered during the year for offences under the Factory Act.

An inquiry seems necessary as to whether it has not hitherto been customary by the South Indian Railway, Madras Railway, and East Coast Railway to class together at stations the separate buildings of engine shed with the men employed therein and workshops with the men employed therein. If these buildings are under different roofs and individually contain less than 50 men and otherwise do not come within the scope of the Act, they should be struck out of the list of factories.

The returns prescribed in G.O., No. 1315, Judicial, dated 22nd July 1892, are attached.

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection. Men.	Women.	Children.	Number of children mustered at inspection.	Whether registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23 and (3) the notice required by section 10 of the Act are kept up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of Women.	Children.	Operatives generally.	Number of persons employed at end of the year. Men.	Women.	Children.	Maximum number of hands employed on any day during the year. Adults.	Children.	Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total (a) to (i).	Under section 15 (2) of the Factories Act.	Total number of persons convicted.	Remarks.
1	2	3	4			5	6	7	8	9	10			11			12		13												14
South Indian Railway.																																
Locomotive and carriage shops at Negapatam.	Mr. C. E. Crighton.	3rd Feb. 1893.	2,310																													
		4th Aug. 1893.	2,395	*Nil.*	*Nil.*	*Nil.*	*Nil* ..	Yes ..	Securely fenced.	Clean and well ventilated.	..		Good.	2,656	.. ..		2,656	..														
		11th Dec. 1893.	2,329																													
Locomotive and carriage shops at Madura.	Do. ..	7th Feb. 1893.	191																													
		7th Aug. 1893.	207	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			213	.. ..		213	..														
		12th Dec. 1893.	219																													
Locomotive and carriage shops at Cuddalore.	Do. ..	2nd Feb. 1893.	93																													
		3rd Aug. 1893.	111	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			211	.. ..		211	..														
		14th Dec. 1893.	111																													
Locomotive and carriage shops at Nellore.	Do. ..	25th Feb. 1893.	111																													
		15th Aug. 1893.	111	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			105	.. ..		111	..														
		22nd Dec. 1893.	111																													
Locomotive and carriage shops at Madras-Egmore.	Do. ..	18th Mar. 1893.	235																													
		1st Aug. 1893.	234	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			210	.. ..		235	..														
Engineering workshops, Trichinopoly.	Mr. D. Logan .. Mr. W. H. Spalding.	6th Feb. 1893.	584		9	Not mustered.	Registers C and D and the file of certificates in Form B are kept.	Do. ..	Do. ..	Do.	..	Good.		625	.. 5		647	9														Satisfactory.
	Mr. D. Logan, Chief Engineer, South Indian Railway.	10th Aug. 1893.	418	Do.	6	6																										
		13th Dec. 1893.	253		5	5																										
Madras Railway.																																
Ráyapuram Terminal works and engine shed.	Mr. J. B. Duncan, Mr. H. C. West, Engineer in charge.	th Feb. 1893.	240		3	3	Registers C and D and the file of certificates in Form B are kept.	Yes ..	Securely fenced.	Clean and well ventilated.	..		Good.	340	..	*Nil.*	411	..														
		17th July 1893.	261	*Nil.*	2	2																										
		16th Dec. 1893.	340		2	2																										
Perambúr workshop.	Mr. Pilkington, Locomotive Superintendent.	21st Feb. 1893.	2,686																													
		17th July 1893.	2,626	Do.	*Nil.*	*Nil.*	No ..	Do. ..	Do. ..	Do.	..			3,095	.. ..		3,160	..														
		9th Aug. 1893.	2,737																													
Pódanúr engine-shed and workshops.	Mr. Phipps, Mr. Pilkington, Locomotive Superintendent.	19th Jan. 1893.	71																													
		20th Dec. 1893.	82	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			72	.. ..		86	..														
Jalarpet engine-shed and workshops.	Do. ..	16th Jan. 1893.	54																													
		19th Dec. 1893.	56	Do.	Do.	Do.	Do. ..	Do. ..	Do. ..	Do.	..			67	.. ..		65	..														
Gooty engine-shed and workshops. *	Do. ..	15th Feb. 1893.	51	Do.	Do.	Do.	Do. ..	Do. ..	No machinery to fence.	Do.	..			53	.. .		53	..														
East Coast Railway.																																
Waltair Locomotive, carriage and wagon workshops.	Mr. E. W. M. Hughes.	25th July 1893.	992																													
	Mr. A. Martin, Locomotive Superintendent.	6th Nov. 1893.	892	Do.	Do.	Do.	Do. ..	Do. ..	Yes, but fencing required round main driving belts.	Do.	..			About 400	.. ..		900	..														
		22nd Dec. 1893.	892																													

* Since removed from the register.

FORM I.

STATEMENT to accompany the annual report on the working of the Railway factories in the Madras Presidency during 1893.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days or (3) whether factory exempted under section 5-B (2-*c*), or (4) under section 5-B (2-*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.				Remarks.
					Adults.			Children.														
					Males.	Females.	Total.	Males.	Females.	Total.	Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical officers.	By other officers, if any.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Perambúr workshops situated in Siruvallur village, Saidapet taluk, Chingleput district.	Locomotive and carriage and wagon works.	For driving machinery.	Four stationary engines equal to 472 horse-power.	3,117	..	3,117	..	..	..	3,117	By midday stoppages; from 11 A.M. to 12-30. P.M. daily.	General holiday on Sunday.	..	..	..	..	..	..	..	3	3	*Abstract Total number of factories* 11. Cotton mill .. .. Jute .. .. .. Woollen .. .. .. Paper .. .. .. Breweries .. .. .. Flour .. .. .. Cotton-cleaning factories .. .. Cotton-presses .. Jute presses .. .. Leather works .. .. Iron works and foundries .. .. 11 Sugar works .. .. Printing presses .. Total .. 11
2	Terminal workshops, Ráyapuram, Madras district.	Miscellaneous wrought timber and iron work.	For working circular saws, latches and drilling machines.	Two engines 6 and 12 horse-power each.	328	..	328	2	..	2	330	Midday stoppages, 11 A.M. to 1 P.M.	Do. ..	..	..	..	..	..	..	3	3	
3	Pódanúr workshop and engine shed, Coimbatore district.	Locomotive and carriage and wagon works.	Driving machines.	One stationary engine equal to 20 horse-power.	89	..	89	..	..	..	89	Midday stoppages, from 11 A.M. to 12-30 P.M.	Do. ..	..	..	..	..	..	..	2	2	
4	Jalarpet ..	Do. ..	Do. ..	One stationary engine equal to 10 horse-power.	76	..	76	..	..	..	76	Do. ..	Do. ..	..	..	..	..	..	..	2	2	Number of factories inspected once during the year .. .. * 1 ,, ,, twice ,, ,, 3 ,, ,, thrice ,, ,, 8 ,, ,, more than three times. .. Total .. 12
5	Engineering workshops, Trichinopoly, Trichinopoly district.	Maintenance way, works, sundry carpenters' and blacksmiths' works.	Portable engines.	Two engines of 10 horse-power each.	358	..	358	8	..	8	366	By stoppages, from 12 noon to 1-30 P.M.	Do. ..	..	..	..	..	..	..	3	3	

* This factory was removed from the list in April 1893.

Statement to accompany the annual report on the working of the Railway factories in the Madras Presidency during 1893—cont.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days or (3) whether factory exempted under section 5-B (2-*c*), or (4) under section 5-B (2-*d*) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.				Remarks.
					Adults.			Children.														
					Males.	Females.	Total.	Males.	Females.	Total.	Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical officers.	By other officers, if any.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
6	Locomotive and carriage shops, Negapatam, Tanjore district.	Machinery and works for engines and rolling-stock.	5 horizontal stationary engines.	2 of 25 horse-power. 2 of 18 horse-power. 1 of 15 horse-power.	2,656	..	2,656	..	..	..	2,656	By stoppages; Monday to Friday from 11 A.M. to 12-30 P.M. on Saturdays factory closes at 12-30 P.M. for the remainder of the day.	General holiday on Sunday.	..	..	..	..	..	..	..	3	3	
7	Locomotive and carriage shops, Madura, Madura district.	Do. ..	1 horizontal stationary engine.	Of 25 horse-power.	213	..	213	..	..	..	213	Do. ..	Do. ..	..	..	..	..	..	..	..	3	3	
8	Locomotive and carriage shops, Cuddalore, South Arcot district.	Do. ..	1 portable engine.	10 horse-power	211	..	211	..	..	..	211	Do. ..	Do. ..	..	..	..	..	..	..	..	3	3	
9	Locomotive and carriage shops, Madras-Egmore, Madras district.	Do. ..	Hand-power..	....	210	..	210	..	..	..	210	Do. ..	Do. ..	..	..	..	..	..	..	..	2	2	
10	Locomotive and carriage shops, Nellore, Nellore district.	Do. ..	Do. ..	....	105	..	105	..	..	..	105	Do. ..	Do. ..	..	..	..	..	..	..	..	3	3	
11	Locomotive and carriage work shops at Waltair.	Locomotives and carriages.	Steam portable engines.	1 of 20 horse-power. 2 of 10 horse-power each.	900	..	900	..	..	..	900	By midday stoppages; 8½ hours working every day.	Do. ..	..	..	..	..	..	..	..	3	3	

From H. BRADLEY, Esq., Acting District Magistrate of Malabar, to the Chief Secretary to Government, dated Angadipuram, 16th April 1894, No. 318-M.-Gl. :—

I have the honour to submit my report on the working of the Indian Factories Act during the year 1893.

2. Of the seven factories that remained on the register at the commencement of the year under report, Messrs. Peirce Leslie and Company's Karaparamba Coffee works in Cutchery amsam, Calicut, was excluded from the list of factories, as the firm arranged to separate the engine room, in accordance with the instructions contained in G.O., dated 12th December 1892, No. 2289. The following three factories were newly brought on the register during the year :—

(1) The Kodakal Tile Manufactory, near the Edakolam Railway Station in Ponani.
(2) Pallicoon Coffee-curing Works of Messrs. Alston Low and Company, Tellicherry (now Messrs. Arbuthnot and Co.).
(3) The Chunadam Coffee-curing Works of Messrs. Peirce Leslie and Company, Tellicherry.

The first of these was registered on 15th September 1893, and the second and third on 28th February 1893. The Chunadam works were, however, removed from the list on 6th March 1893, as the necessary alterations were made in the premises by which the garbling sheds were completely separated from the rooms containing machinery. The hydraulic press of Messrs. Volkart Brothers at Cochin was also brought under the operations of the Act on the 30th of December last, but it was burnt down about a month after, in a fire that broke out in their yard on the 2nd of February last. There was another press belonging to Messrs. Brunton and Sons at Cochin, in connection with which the prescribed notice was served, but before the objections could be heard, and the matter disposed of, that press was also destroyed by fire.

The present report, therefore, deals with the eight factories enumerated below :—

(1) Pallicoon Coffee Works, Tellicherry.
(2) Malabar Spinning and Weaving Company, Limited.
(3) Plantation House Works, Malaparamba.
(4) Kallai Works, Calicut.
(5) Mercantile Mission Tile Works, Calicut.
(6) Mamally Coffee Works.
(7) Calicut Tile Works.
(8) Basel Mission Tile Works, Kodakal.

3. Factories Nos. 2 and 7 were inspected three times during the year, Nos. 4, 5, 6 and 8 twice, and Nos. 1 and 3 only once. Of these Nos. 1, 3 and 6 were worked for only about five months in the year; No. 8 was registered only on 15th September. In the case of the remaining factories, Nos. 4 and 5 in the Calicut Division, the full number of inspections was not made during the year, owing to several changes of the Divisional-officers having occurred during the year.

The chief defects noticed at the inspections were the failure to put up notices, the absence of certain registers prescribed by the rules, and the non-production of the prescribed certificates regarding the age of children. These defects were rectified in the majority of instances after they were pointed out. In the case of factory No. 1, the Joint Magistrate noticed at the time of inspection that engine No. 2 and the belting of engine No. 1 and the winnowing machine required fencing. This has since been done by the firm.

4. The sanitary condition of the factories was on the whole good and the sanitary arrangements made satisfactory. All the factories are located in substantial and well-ventilated buildings with good supply of water.

5. The general health of the operatives was good. The women and children are reported to be paid according to the outturn of work, and thus no pressure seems to be brought to bear on them. All the factories adopt the system of midday stoppage

more or less and the hours of relaxation prescribed by the rules seem to be allowed. The work they are called on to do is also of a light description.

6. The wages in the Calicut division in the case of males were from 2 annas 6 pies to 4 annas a day, and in the case of women from 2 annas to 3 annas. Children were paid from 1 anna to 2 annas 6 pies per diem. Considering the state of the labour market and the wages earned by coolies upon other work, the wages earned by factory labour must be considered to be very fair. There were at any rate no complaints either of non-payment of wages or of payments at a low rate, nor were there any complaints of ill-treatment during the year.

7. The Certifying Medical Officer inspected all the factories except the two new ones (Nos. 1 and 8) once in the year and some more than once. In the Malabar Spinning Mill the Surgeon certified to the age of every child employed.

8. Machinery was properly fenced in the case of all factories. The additional fencing suggested by the Inspectors in the case of factories Nos. 1 and 8 was done during the year.

9. The total number of accidents reported during the year was 15. Of these only one, which occurred at the Basel Mission Tile Works at Kodakal, proved fatal. All the remaining 14 cases were minor ones; 11 of these took place at the Malabar Spinning Mill, two at the Calicut Tile Works and one at Kodakal Tile Works.

10. No prosecutions were instituted under the Act during the year.

The usual statements Nos. I and II are submitted.

STATEMENT No. 1.

To accompany the annual Administration Report on Factories for 1893 of the Malabar district.

Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts or (2) by midday stoppages or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays or (2) on varying week days or (3) whether factory is exempted under section 5 B (2) (c) or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					Remarks.
				Adults.			Children.			Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrate.	By Special Inspector of Factory.	By Medical officers.	By other officers if any.	Total.	
				Male.	Female.	Total.	Male.	Female.	Total.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1. Pallicoon Coffee-Curing Works, Tellicherry.	Coffee-curing.	Steam engine.	20 horse-power.	39	155	194	..	..	..	194	Midday stoppages two hours.	Generally closed on Sundays.	..	..	..	..	1	..	..	..	1	
2. The Malabar Spinning and Weaving Company's (Limited) Cotton Mill at Calicut, Pamiankara amsham, Calicut taluk.	Manufacture of cotton yarn.	One compound engine for condensing, capable of working 500 indicated horse-power.	500 indicated horse-power.	505	33	538	80	2	82	620	By midday stoppages.	General holidays on Sundays except when other days are substituted for them in accordance with the Act.	..	..	11	11	3	..	1	..	4	
3. Messrs. Burnett and Son's Plantation House Works at Malaparamba in Kottuli amsham, Calicut taluk.	Coffee-curing and packing cinchona bark.	Steam engine.	Two steam engines of 25 and 10 horse-power, respectively.	13	317	330	2	..	2	332	Do. ..	Do. ..	..	..	..	..	1	..	1	1	3	The factory is worked only five months during the year.
4. Messrs. Arbuthnot and Company's "Kallai Works" in Nagaram amsham, Calicut taluk.	Manufacture of manure and coir.	Do. ..	One engine of 70 normal horse-power.	59	..	59	24	..	24	83	Do. ..	Do. ..	..	..	..	..	2	..	1	1	4	
5. The Mercantile Mission Tile Works at Calicut, Kottuli amsham, Calicut taluk.	Manufacturing tiles.	Do. ..	One engine of 20 horse-power.	157	50	207	..	..	..	207	Do. ..	Do. ..	..	..	..	..	2	..	3	..	5	

To accompany the annual Administration Report on Factories for 1893 of the Malabar district—*cont.*

Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.							Whether the factory is worked mainly (1) by shifts or (2) by midday stoppages or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays or (2) on varying week days or (3) whether factory is exempted under section 5 B (2) (c) or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					Remarks.
				Adults.			Children.			Total of columns 8 and 11.			Fatal.	Serious.	Minor.	Total.	By Magistrate.	By Special Inspector of Factory.	By Medical officers.	By other officers if any.	Total.	
				Male.	Female.	Total.	Male.	Female.	Total.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
6. The Mammally Coffee Works in Cheruvannur amsham, Calicut taluk.	Coffee-curing.	Steam engine.	One engine of 20 horse-power.	65	615	680	45	65	110	790	By midday stoppages.	General holidays on Sundays except when other days are substituted for them in accordance with the Act.	..	..	..	..	2	..	2	..	4	The factory is only worked for five months during the year.
7. The Calicut Tile Works in Cheruvannur amsham, Calicut taluk.	Manufacturing tiles.	Do. ..	One engine of 35 horse-power.	60	10	70	..	..	..	70	Do. ..	Do. ..	..	..	2	2	3	..	1	..	4	
8. Basel Mission Tile Works, Alhavanad amsham, Ponani taluk.	Tile-manufacturing.	Do. ..	16 horse-power.	121	89	210	..	..	..	210	The shift system is not in force. Factory is worked by stoppage at 12 A.M.–1½ hours.	There is no work on all the Christian holidays, *i.e.*, the New Year's day, Epiphany, Good Friday, Ascension day, Christmas day and Sundays.	1	..	1	2	2	..	..	..	2	
				1,019	1,269	2,288	151	67	218	2,506			1	..	14	15	16	..	9	2	27	

STATEMENT No. 2.

To accompany the Administration Report on Factories for 1893 of the Malabar district.

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection. Men.	Women.	Children.	Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether Form F under Rule 17 (2), a copy of the rules as required by rule 23 (3) the notification required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of Women.	Children	Operatives generally.	Number of persons employed at the end of the year. Men.	Women.	Children.	Maximum number of hands employed on any day during the year. Adults.	Children.	Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factory Act, clauses (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to (i).	Under section 15 (2) of the Factory Act.	Total number of persons convicted.
1	2	3	4			5	6	7	8	9	10			11			12		13											
1. Pallicoon Coffee-Curing Works,* Tellicherry.	R. Tatham.	14th Mar. 1893.	..	..	..	..	Are being prepared.		Some additional fencing required—*vide* column of remarks.	Ample in each case.	..	..	..	54	360	..	508	..	..	..	..	..	..	..	..	..	..	..	..	..
2. The Malabar Spinning and Weaving Company's (Limited) Cotton Mill at Calicut, Pannian-kara amsham.	Hormusjee Sorabjee.	16th Aug. 1893.	390	28	114	114	Registers C, D and E are maintained, and the file of certificates in form B are also kept.	Put up properly.	Yes ..	Fair ..	Good.	Good.	Good.																	
....	..	20th Oct. 1893.	393	32	62	62	Registers C, D and E are kept, but the entries are not made properly and the file of certificates in form B maintained, but not duly arranged.	Yes ..	Yes ..	Fair ..	Good.	Good.	Good.	439	30	46	546	47	..	..	..	..	..	..	..	..	..	..	..	..
....	..	30th Dec. 1893.	439	30	31	31	Well kept ..	Yes ..	Yes ..	Fair ..	Good.	Good.	Good.																	

* The works have only quite recently been brought on the Register of Factories. Work varies from day to day and is now practically over for the season. Before next season it is intended to carry out such alterations in the premises as will remove the works from the Factory Register. Engine No. 2 (the old one) standing in the open requires fencing. Also the belting of No. 1 engine and the belting of the winnowing machine on the upper floor. The work should be carried out within a week.

To accompany the Administration Report on Factories for 1893 of the Malabar district—cont.

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection. Men.	Women.	Children.	Number of children mustered at inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether Form F under Rule 17 (2), a copy of the rules as required by rule 23, (3) the notification required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of Women.	Children.	Operatives generally.	Number of persons employed at the end of the year. Men.	Women.	Children.	Maximum number of hands employed on any day during the year. Adults.	Children.	Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factory Act, clauses (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to (i).	Under section 15 (2) of the Factory Act.	Total number of persons convicted.
1	2	3	4			5	6	7	8	9	10			11			12		13											
3. Messrs. Burnett and Son's Plantation House Works at Malaparamba in Kottuli amsham, Calicut Taluk.	T. J. Ferguson.	19th Dec. 1893.	82	584	10	10	Registers C, D and E are not maintained. The manager says that no children are employed and that he has a file of certificates B which seems to be misplaced.	Hour of closing work and commencing work are notified. Form F and rules are not exhibited.	Yes.	Water-supply seems inadequate; ventilation good; sanitation poor.	Good.	Good.	Good.	81	590	14	701	30	..	..	..	..	..	..	..	..	..	..	..	..
4. Messrs. Arbuthnot and Company's "Kallai Works" in Nagaram amsham, Calicut taluk.	D. N. Morrison.	20th Oct. 1893.	34	..	10	6	No women employed, hence Form E *nil*. Forms C and D not maintained; certificates are not forthcoming for three of the boys mustered.	1, 2 and 3 not put up.	Do.	Water-supply not good; ventilation not good; sanitation—no latrine.	Do.	Do.	Do.	37	..	13	60	25	..	..	..	..	..	..	..	..	..	..	..	..
		30th Dec. 1893.	37	..	13	..	E *nil*. C and D not properly maintained; B file not produced.	Form F put up; 2 and 3 not put up.	Do.	Good.	Do.	Do.	Do.																	
5. The Mercantile Mission Tile Works at Calicut.	G. Benner.	16th June 1893.	167	38	..	..	Registers C, D and E maintained but in loose sheets; B *nil*.	Yes, but only in English.	Do.	Do.	Do.	Do.	Do.	161	48	..	242	..	..	..	..	..	..	..	..	..	..	..	..	..
		20th Dec. 1893.	152	50	..	..	Do.	Do.	Do.	Do.	Do.	Do.	Do.																	

To accompany the Administration Report on Factories for 1893 of the Malabar district—*cont.*

Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection.			Number of children mustered at inspection.	Whether Registers C, D and E are kept.	Whether Form F under Rule 17 (2), a copy of the rules as required by rule 53 (3) the notification required by section 10 of the Act are put up in a conspicuous place.	Whether machinery is properly fenced or not.
			Men.	Women.	Children.				
1	2	3	4			5	6	7	8
6. The Mammally Coffee Works in Cheruvannur amsham, Calicut taluk.	J. A. Dalziel.	20th May 1893.	..	..	..	..	Maintained. C, D and E not properly maintained.	Put up.	Yes
....	..	27th Dec. 1893.	614	109	..	..	Do.	Do.	Do.
7. The Calicut Tile Works in Cheruvannur amsham, Calicut taluk.	J. H. Shlunk.	20th May 1893.	66	..	..	..	Maintained, but no entries in C, D and E, B file *nil*.	Form F put up, 2 and 3 put up, but only in English.	Do.
....	..	6th Nov. 1893.	10	..	..	..	Do.	Do.	Do.
....	..	27th Dec. 1893.	308	35	..	..	Do.	Do.	Do.
8. Basel Mission Tile Works, Koddakal, Alhavanad amsham, Ponani taluk.	C. Fenchter.	4th Oct, 1893.	117	69	..	..	Registers C and D relate to children, as also form B. In regard to register E, it has not been written up. But a number of loose sheets, one for each week, is kept. I have explained to the manager how it is to be written up, and he has agreed to have it written up from the 1st September 1893.	Form F hung up, but not the others. The manager has been asked to attend to this at once.	Fairly*.
..	..	9th Dec. 1893.	115	77	..	..	Register E written up in accordance with the instructions at last inspection.	Yes; all put up.	Yes; the suggestions made at last inspection have been complied with.
Total ..			2,930	1,052	240	223			

Physical condition of			State of water-supply, ventilation, sanitation and accommodation.	Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.												
Women.	Children.	Operatives generally.		Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of the Factory Act, clauses										Total of (*a*) to (*i*)	Under section 15 (2) of the Factory Act.	Total number of persons convicted.
									(*a*)	(*b*)	(*c*)	(*d*)	(*e*)	(*f*)	(*g*)	(*h*)	(*i*)				
10			9	11			12		13												
Good	Good	Good	Good	65	615	110	680	110	..	..	..	..	..	..	..	..	..	..	..	..	..
Do.	Do.	Do.	Do.						..	..	..	..	..	..	..	..	..	..	..	..	..
Do.	Do.	Do.	Do.						..	..	..	..	..	..	..	..	..	..	..	..	..
Do.	Do.	Do.	Do.	90	8	..	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do.	Do.	Do.	Do.						..	..	..	..	..	..	..	..	..	..	..	..	..
Do.	Do.	Do.	Do.						..	..	..	..	..	..	..	..	..	..	..	..	..
Do.	Do.	Do.	Do.	118	88	..	219	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do.	Do.	Do.	Do.						..	..	..	..	..	..	..	..	..	..	..	..	..
				1,045	1,739	183	3,234	212	..	..	..	..	..	..	..	..	..	..	..	..	..

* The building is not yet completed and I have pointed out two places where further fencing is necessary and the manager has promised to put up the additions at once.

From R. SEWELL, Esq., District Magistrate of Bellary, to the Chief Secretary to Government, dated 24th April 1894, M.P.R. No. 68.

I have the honour to forward herewith copies of reports and their enclosures received from the Divisional Magistrates of Bellary and Adóni on the working of the Factories Act during the year 1893. There were no accidents and no prosecutions during the year. There are no factories in Head Assistant's division.

ENCLOSURES.

From M.R.Ry. C. RAMASESHAYYAR, Avargal, B.A., Deputy Magistrate of Bellary Division, to the District Magistrate, Bellary, dated Adóni, 22nd April 1894, No. 243.

I have the honour to submit my report on the factories in my division for the year 1893. The necessary statements are forwarded herewith.

2. As in the previous year, there were 3 factories. All of them were at work and the whole of them were inspected twice. Their condition was generally good. The buildings were in a state of repair. They were all whitewashed and kept neat and clean. The ventilation was good and there was sufficient provision of water-supply. The latrine and other sanitary arrangements were also good. In the spinning and weaving mill alone children were employed, but their number was limited. Others were above 12 years of age. I took particular care to observe them and they all looked healthy. Certificates were filed. The adult males and females employed in all the factories were in a very good condition. They were paid by the day or the month. In either case the wages paid were decent and were fully adequate. Weekly holidays are allowed, and on working days not less than one hour's recess is given at midday and there was no over-exaction of labour. No work is done during the night time. The orders regarding notices and rules are observed. Machinery was employed only in 2 factories as none is in use in the Arsenal. It was properly fixed and protected. There were no accidents and no prosecutions under the Act during the year.

APPENDIX.

Name of Factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at date of inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.										Remarks.
																			Under section 15 (1) of the Factory Act, clause								Under section 15 (2) of the Factory Act.	Total number of persons convicted.	
			Males.	Females.	Children.						Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	Total of (a) to (i).			
1	2	3	4			5	6	7	8	9	10			11			12		13										14
The Bellary Spinning and Weaving Company, Limited.	Mr. Tulsidas Narsee.	20th Aug. 1893.	340	85	54	54	Kept accordingly.	They are put up in the gate.	It is fenced.	Everything is very good.	Very good.			357	109	54	472	60												*Nil.*
		22nd Dec. 1893.	333	71	50	50	Do. ..	Do. ..	Do. ..	Do. ..	Do.			357	109	54	472	60												
Bellary Arsenal	Captain J. D. Waller, R.A.	20th Aug. 1893.	98	..	..	*Nil.*	*Nil* ..	*Nil* ..	*Nil* ..	Good. ..	Good.			98	..	..	98	..												*Nil.*
		22nd Dec. 1893.	98	..	..	*Nil.*	*Nil* ..	*Nil* ..	*Nil* ..	Do. ..	Do.			98	..	..	98	..												No steam engine in use.
Dymes and Co., Bellary.	R. Hunter, Esq.	20th Aug. 1893.	7	..	..	*Nil.*	Kept accordingly.	They are put up at the gate.	It is properly fenced.	Do. ..	Do.			20	54	..	90	*Nil.*												Do.
		22nd Dec. 1893.	26	44	..	*Nil.*	Do. ..	Do. ..	Do. ..	Do. ..	Do.			20	54	..	90	*Nil.*												..

FORM No. I.

STATEMENT accompanying the annual report on the working of the Factories Act.

Serial number of factory.	Name (and locality) of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Total of columns 8 and 11.	Whether the factory is worked mainly (1) by shifts, (2) by midday stoppages, or (3) otherwise.	Whether a general holiday, is ordinarily given (1) on Sunday, or (2) varying week days, (3) whether factory is exempted under section 5 (b) (2) of 2 (e), or (4) under section 5 (b) (2) of the Act or (5) otherwise worked.	Number of accidents during the year.				Number of inspections held during the year.					Remarks.
					Adults.			Children.						Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical officers.	By other officers, if any.	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
												20th August 1893.										
Nil.	The Bellary Spinning and Weaving Company, Limited.	Cotton-spinning and weaving.	Steam engine.	350 horse-power.	304	105	409	47	..	47	456	By mid-day stoppages.	Weekly holidays mostly on Friday.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	Once by Collector and twice by Deputy Collector.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
												22nd December 1893.										
"	The Bellary Spinning and Weaving Company, Limited.	Cotton-spinning and weaving.	Steam engine.	350 horse-power.	304	105	409	47	..	47	456	By mid-day stoppages.	On Friday	..	*Nil.*	*Nil.*	*Nil.*	Once by Collector and twice by Deputy Collector.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
												20th August 1893.										
..	Bellary Arsenal.	Leather, wood and iron.	*Nil* ..	*Nil* ..	98	..	..	..	..	..	*Nil.*	By mid-day stoppages.	(1) Yes	..	*Nil.*	*Nil.*	*Nil.*	Twice by Deputy Magistrate.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
												22nd December 1893.										
..	Bellary Arsenal.	Leather, wood and iron.	*Nil* ..	*Nil* ..	98	..	..	..	..	..	*Nil.*	By mid-day stoppages.	(1) Yes	..	*Nil.*	*Nil.*	*Nil.*	Twice by Deputy Magistrate.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
												20th August 1893.										
..	Dymes and Co., Bellary.	Cotton Factory.	Steam engine.	Power of 100 lb. steam.	20	54	74	..	..	..	*Nil.*	By mid-day stoppages.	Sunday	..	*Nil.*	*Nil.*	*Nil.*	Twice by Deputy Magistrate.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
												22nd December 1893.										
..	Dymes and Co., Bellary.	Cotton Factory.	Steam engine.	Power of 100 lb. steam.	20	54	74	..	..	..	*Nil.*	By mid-day stoppages.	Sunday	..	*Nil.*	*Nil.*	*Nil.*	Twice by Deputy Magistrate.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*

From M.R.Ry. S. RAMU IYER, Avargal, B.A., Sub-Divisional Magistrate, Adóni, to the District Magistrate, Bellary, dated Adóni, 21st March 1894, No. 60.

I have the honour to submit my report for the year 1893 on the working of the three marginally-noted factories out of the four factories in the division, the 4th factory, *i.e.*, Mr. Rambillos Sowcar's Cotton Press, having worked for less than four months during the year 1893.

1. Messrs. Dymes and Co.'s Cotton Press at Adóni.
2. Sabapathy Mudaliar and Co.'s Cotton Press at Adóni.
3. The City People's Press at Adóni.

2. In all the three factories cotton is pressed into bales with the aid of steam-engines, the respective powers of which are given in the accompanying statement, Form I.

3. Each of the three factories was inspected thrice by my predecessor, Mr. Subbarayadu Pantulu.

4. The sanitary condition of the three factories was found to be fair enough, and the health of the operatives, both men and women, was found to be good.

5. The machinery are all secure and safe in separate rooms and are duly fenced wherever necessary.

6. No accidents occurred during the year.

7. No prosecutions were ordered under the Act during the year.

8. Children were not employed in any of the factories and consequently there was no work for the certifying surgeon.

9. Daily wages generally range from 3 to 6 annas for men and 2 to 4 annas for women. Men who put firewood into the boiler and lashers bundling bales are paid 6 annas; boxmen filling up cotton in the box are paid $5\frac{1}{2}$ annas; engine-drivers 5 annas; borah shovers and borah cutters $4\frac{1}{2}$ annas; and box weighing men 3 to 4 annas. Females picking up cotton in borahs are paid 2 annas, those cleaning cotton $2\frac{1}{2}$ annas, and women maistries are paid 4 annas. These wages compare favorably with those of common agricultural labourers.

10. The statements prescribed in G.O., dated 22nd July 1892, No. 1315, Judicial, accompany.

FORM I.

STATEMENT to accompany the Annual Report on the working of the Factories Act.

Serial number of factory.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						Whether the factory is worked merely by (1) shifts, or (2) by midday stoppages, or (3) otherwise.	By midday stoppages.	A general holiday is given on Sunday and if employed on Sunday one of the three preceding or subsequent days is given a holiday.	Whether a general holiday is ordinarily given (1) on Sundays, or (2) varying week days, or (3) whether factory is exempted under section 5 (b) 2 (*c*), or (4) under section 5 (b) (*d*) of the Act, or (5) otherwise worked.	Number of accidents during the year.			Number of inspections held during the year.					Remarks.
					Adults.			Children.							Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspectors of Factories.	By Medical officers.	By other officers, if any.	Total.	
					Males.	Females.	Total.	Males.	Females.	Total.														
					6	7	8	9	10	11	12	13	14		15	16	17	18	19	20	21	22	23	24
1	Messrs. Dymes and Co.'s Cotton Press, Adóni.	Cotton pressing.	One steam engine with two cylinders.	20 horse-power, 2 feet stroke.	43	80	123	..	..	..	123	Do.	Do.	..	..	..	..	..	3	..	..	..	3	
2	Messrs. A. Sabapathy Mudaliar and Co.'s Cotton Press, Adóni.	Do.	One steam engine one cylinder.	11 horse-power, $2\frac{1}{2}$ feet stroke.	33	39	72	..	..	..	72	Do.	Do.	..	..	..	..	..	3	..	..	..	3	
3	The City People's Press, Adóni.	Do.	One steam engine with two cylinders and another engine with one cylinder.	One of 15 horse-power $1\frac{1}{2}$ feet stroke and another of 10 horse-power $1\frac{1}{2}$ feet stroke.	25	45	70	..	..	..	70	Do.	Do.	..	..	..	..	..	3	..	..	..	3	
				Total ..	101	164	265	..	..	..	265				..	..	..	..	9	..	..	..	9	

Abstract.

Total number of factories—3.	
Cotton mills	3
Jute mills	
Woollen mills	
Paper mills	
Breweries	
Flour mills	
Cotton-cleaning factories	
Cotton presses	3
Jute presses	
Leather works	
Iron works or foundries	
Sugar works	
Printing presses	
	3
Number of factories inspected once during the year	
Number of factories inspected twice during the year	3
Number of factories inspected thrice during the year	3
Number of factories inspected more than 3 times during the year	

APPENDIX.

1	2	3	4			5	6	7	8	9	10			11			12		13										
Name of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on date of inspection.			Number of children mustered at date of inspection.	Whether Registers C, D and E and the file of certificates in Form B are kept.	Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place.	Whether machinery is properly fenced or not.	State of water-supply, ventilation, sanitation and accommodation.	Physical condition of			Number of persons employed at the end of the year.			Maximum number of hands employed on any day during the year.		Number of persons convicted during the year in respect of the factory named in column 1.										
			Males.	Females.	Children.						Operatives generally.	Children.	Women.	Men.	Women.	Children.	Adults.	Children.	Under section 15 (1) of the Factory Act, clause								Under section 15 (2) of the Factory Act.	Total number of persons convicted.
																			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to i.	
Messrs. Dymes and Co.'s cotton press.	L. F. Strachan, Esq.	29th June 1893.	65	94	..	..	C., D. and E. maintained No certificates kept because no children.	Yes	Is secure in a separate room.	Fair.	Good.	..	Good.	11 on 27th December 1893.	36	211	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		6th August 1893.	49	107	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.																	
		1st November 1893.	33	81	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.																	
Messrs. A. Sabapathy Mudaliyar and Co.'s Cotton press.	P. Sabapathy Mudaliyar.	19th June 1893.	31	33	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.	29 on 9th December 1893.	34	89	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		6th August 1893.	30	33	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.																	
		11th September 1893.	32	41	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.																	
The City People's press.	Chengalva Raju.	19th June 1893.	37	43	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.	.. on 25th December 1893.	37	89	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		11th September 1893.	14	47	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.																	
		1st November 1893.	41	48	..	..	Do.	Do.	Do.	Do.	Do.	..	Do.																	

From R. D. BROADFOOT, Esq., Acting District Magistrate, Coimbatore, to the Chief Secretary to Government, dated 30th April 1894, No. 546-Mag.

With reference to paragraph 7 of my endorsement on the report on working of the Indian Factories Act for 1893, Refee. on No. 388-Mag. of 1894, despatched on the 20th instant, I have the honour to append hereto a statement showing the wages paid to operatives employed in the Coimbatore Spinning and Weaving Company :—

Department.	Particulars.	Wages per month. RS.	A.	P.
Mechanics	Men	15	0	0
Firemen	Do.	8	0	0
Blowing and mixing	Do.	6	0	0
Framers	Do.	7	0	0
Do.	Boys	4	0	0
Spinning	Men	6	0	0
Do.	Boys	3	8	0
Do.	Half-timers	2	0	0
Reeling	Boys	5	8	0
Do.	Women	3	12	0
Do.	Half-time girls	2	0	0
Bundling and baling	Men	7	0	0
Sundry coolies	Do.	6	0	0
Peons	Do.	5	8	0

ORDER—dated 22nd June 1894, No. 1530, Judicial.

The papers read above contain the reports of District Magistrates, the Commissioner of Police, Madras, and the Consulting Engineer for Railways upon the working of the Factory Act during 1893. Most of the reports were received by, or shortly after, the prescribed date (1st April), but a delay of three weeks or more occurred in the case of those from the District Magistrates of Bellary, Coimbatore, Malabar, and the Consulting Engineer for Railways.

2. Individually the reports call for the following remarks :—

(*a*) *Vizagapatam.*—It is stated that certificates of age are granted by the civil apothecary at Bimlipatam, but that officer has not, apparently, been authorized under section 5 of the Act to perform this duty. The matter should be explained and the result of the further enquiries ordered to be made as to the ages of the operatives should be reported. There were no fewer than twelve accidents, of which eleven were serious, in the Chittivalsa Factory; three of the accidents were, however, not connected with the use of machinery; the machinery is said to be properly protected, but the Government desires that the inspecting officers will pay particular attention to its condition. The District Medical officer did not pay a single visit to this factory. The average wages earned seem to have been low.

(*b*) *Ganjám.*—The second return appended to the report from this district is not in the form prescribed in G.O., dated 22nd July 1892, No. 1315, Judicial. There were no inspections by the District Medical officer. The Aska Sugar Works have been exempted from the operation of section 5 B (1) of the Act in G.O., dated 3rd March 1894, No. 529, Judicial, it having been proved to the satisfaction of Government that the concession is essential to prevent fermentation and serious loss in the course of manufacture and that the Sunday holiday is granted whenever it possibly can be.

(*c*) *Kistna.*—The rules regarding registers and notices were not properly observed in the Public Works Department Workshops at Bezwada. The maximum number of hands employed in this factory appears in the appendix as 311, which is obviously incorrect as the average daily number was 394. The factory was not inspected by the District Medical officer.

(*d*) *Coimbatore.*—The work of inspection of factories in this district has not been satisfactorily attended to. No information has been furnished regarding the Tirupur Cotton-cleaning and Pressing Company's Factory; the Sub-Divisional Magistrate's

explanation is awaited. Very few of the children employed in the Spinning and Weaving Factory at Coimbatore were mustered at the visits made on the 17th July and the 20th November; this should be explained. The rules regarding registers and notices were not strictly followed in this factory and the fact appears to have escaped the notice of the inspecting officers at their first three visits.

(*e*) *South Canara.*—The Tile Works at Malpé were inspected only twice by the Sub-Divisional Magistrate and not at all by the District Medical officer. Paragraph 6 of Mr. Slight's report leaves it doubtful if the rule that children are not to be kept at work for more than seven hours was observed in this factory and it appears that the rules relating to registers and notices were much neglected there. With regard to the remarks in paragraph 4 of the District Magistrate's endorsement, his attention will be drawn to paragraph 4 (*b*) of G.O., dated 19th December 1891, No. 2568, Judicial. Two distinct sets of entries have been made in columns 18 and 19 of the appendix to the report; this, of course, is incorrect.

(*f*) *Madras.*—In paragraph 5 of the Deputy Commissioner's report it is stated that there were 1 fatal, 6 serious and 90 trifling accidents, but the corresponding figures in columns 15–17 of Form I are 1, 5 and 91. An abstract of the particulars contained in Form I ought to be given in column 20 thereof (*vide* form in G.O., dated 22nd July 1892, No. 1315, Judicial); in the returns received from Madras and from several of the districts this abstract does not appear. It seems that the provisions of the law which require a stoppage of work at midday are neglected in the Gun Carriage Factory and it is not clear whether the partial loss of the Sunday holiday at the Municipal Pumping Station, Ráyapuram, is made up to the employés as required by section 5-B (2) (*b*) of the Act; the Commissioner will report on these two points. It is doubtful whether the Municipal Pumping Station is a factory at all within the meaning of the Act. There were no fewer than 51 accidents at the Gun Carriage Factory, but all of them are said to have been trifling. At the Carnatic Mills there were 22 accidents, of which 2 were serious. Particulars of the accidents in these two factories should now be furnished.

(*g*) *Madura.*—The Sub-Divisional Magistrate observes that Register E is not maintained at the Madura Cotton Mills, because the women are piece-workers; he was informed in paragraph 2 (*g*) of G.O., dated 17th July 1892, No. 1447, Judicial, that the register must be maintained, and it ought not to have been necessary for Government to repeat the remark. The figures in columns 8 and 12 of Form I from this district are incorrect; they should be 764 and 981 and not 664 and 881. There were no inspections by the District Medical officer. It appears that a number of female children are employed in the Madura Cotton Mills who do not find a place on the registers of the factory on the ground that they merely assist the adults; this is irregular. It is not necessary to submit to Government the Inspector's detailed inspection notes; he should touch upon all material points in his report.

(*h*) *South Arcot.*—There were 12 accidents, of which two were serious, at the Nellikuppam Sugar Factory; particulars of these should now be supplied. The average daily number of employés at this factory is given as 757, which is also the figure returned as the maximum employed on any one day; there is probably some mistake. The sanitary condition of the Nellikuppam Factory is said to be as good as can be expected—a remark which implies that it is not altogether satisfactory; the principal defects should have been noticed in the report. Neither of the factories in South Arcot was inspected by the District Medical officer.

(*i*) *Gódávari.*—In the heading of column 6 of the appendix to the report, Form 3 is mentioned by mistake for Form B and the word "medium" appears for "maximum" in the heading of column 12; such errors would not occur if printed forms were invariably used. In paragraph 3 of the District Magistrate's report, it is said that the average daily number of female operatives employed in the Georgepeta Rice Factory was 70, but, according to Form I, the proper figure is 62. Columns 11 and 12 of the appendix to the report have been left blank against the Georgepeta Factory and it is noted that B certificates were granted in respect of this factory by an unauthorized medical officer. Neither of the factories in Gódávari was inspected by the District Medical officer.

(*j*) *Anantapur.*—The rules regarding registers and notices were not strictly observed in the United Press Factory at Guntakal. None of the three factories reported on was visited by the District Medical officer, but, as none of them was open for much more than four months, the Medical officer's neglect is excusable.

(*k*) *Tinnevelly.*—Except in one case, which has been explained, the inspections by the magistracy were sufficient in number but the Joint Magistrate should have arranged his visits better; all his inspections of Messrs. Volkart Brothers' Press, Messrs. Milligan and Company's Press and the new Berar Company's Press were performed when the factories were not at work. At these three factories the rules relating to registers and notices were to a great extent disregarded. The number of children mustered at the inspections of the Tinnevelly Mills Company's Factory was very small. The entries in the abstract given in column 24 of Form I attached to the report are in some instances incorrect; three factories were inspected twice, two thrice and one five times. Only one factory was visited by the District Medical officer. The system on which the new Berar Company's Press is worked should have been explained as directed in the foot-note to Form I printed in G.O., dated 22nd July 1892, No. 1315, Judicial; the remark "Otherwise" in column 13 of the return conveys no information.

(*l*) *Railways.*—The occasional failure to perform the requisite number of inspections has been adequately explained. With reference to the Inspector's concluding remarks, the Government desires that he will not remove any engine-sheds from the list of factories without a further and fuller representation of his reasons for so doing. In the appendix to the report the maximum number of hands employed at Podanur and Jalarpet appears as 86 and 65, respectively, which figures are lower than those given in column 12 of Form I. Also, the average daily number of employés at Waltair is shown as 900, though there were only about 400 persons at work at the end of the year and at no time more than 900. It is presumed that the necessary steps have been taken to improve the fencing of the machinery at Waltair. From the body of the report it appears that there were 24 accidents on the South Indian Railway and six on the Madras Railway, all of them being of a trifling character, but columns 17 and 18 of Form I have been left blank throughout.

(*m*) *Malabar.*—The explanation tendered for the failure to inspect thrice the Mercantile Mission Tile Works at Calicut and the Mamally Coffee Works is not satisfactory. The average daily number of operatives employed in the Malabar Spinning and Weaving Company's Factory appears in Form I as 620, whereas the maximum number of hands employed there on any one day is stated to have been only 593. The figure in column 11 of Form I against the Mamally Coffee Works also seems to be incorrect. The Pallicoon Coffee-curing Works are said to be generally closed on Sundays; it is presumed that, when not so closed, another holiday is given as required by the Act. Of 15 accidents reported, 11 occurred in the Malabar Spinning and Weaving Mill; all of these are said to have been of a trifling nature and it is presumed that the District Magistrate has satisfied himself that they were not the result of defects in the fencing of the machinery. A description should have been given of the fatal accident at the Basel Mission Tile Works. In many instances the rules relating to registers and notices were neglected and the Inspecting officer's orders on the subject do not seem to have received in all cases sufficient attention. Strict compliance with the rules must be insisted upon. It is satisfactory to observe that nine inspections were performed by the District Medical officer.

(*n*) *Bellary.*—The returns have not been prepared with due care. The "*Nil*" entries in column 7 of the appendix against the Bellary Arsenal are not understood. The Bellary Spinning and Weaving Company's Factory seems to have been inspected once by the District Magistrate and twice by the Sub-Divisional Magistrate, but no particulars have been furnished as to the former officer's inspection. The other two factories were only inspected twice, and no explanation has been given of this failure to comply with the rules; the District Magistrate will report on the subject. Column 8 of Form I has not been filled in in the case of the Bellary Arsenal and the "*Nil*" entries in columns 12 and 23 are incorrect. None of the factories in Bellary was inspected by the District Medical officer.

(*o*) Several District Magistrates have failed to observe the rule that blank returns should be submitted on post-cards.

3. It remains to indicate briefly the principal features of the year. There were 67 factories at work in 1893 against 46 in 1892 and the daily average number of operatives rose from 23,872 to * 28,467. The increase in the number of factories was distributed as follows:—Anantapur 3, South Arcot 1, Bellary 5, South Canara 1, Madras 7, Malabar 1, Nellore 1, Tinnevelly 1, and Vizagapatam 1. It is not clear whether the three cotton presses in Anantapur were opened for the first time in 1893 or whether they merely came within the scope of the Act for the first time in that year In Bellary during 1892 the failure of the cotton crop resulted in the exclusion of six factories from the returns; five of these resumed work in 1893 and hence the apparent increase. The increase in the case of Madras seems to be mainly the result of more careful registration. It is probable that the number of factories which were actually started in 1893 was very small, but the information available is not sufficiently precise to enable Government to ascertain the exact figure. In future reports distinct information on this point should be given.

* Excluding those employed at the factory at Tirupur.

4. Eleven factories were inspected more than thrice, 35 thrice, 18 twice, 2 once, and only one not at all. In most cases where three visits were not made in the course of the year a sufficient explanation has been given, and, on the whole, the duty of inspection was satisfactorily performed by the Magistracy. On the other hand, the inspecting-work done by District Medical officers was most unsatisfactory as indicated above in paragraph 2. A similar remark was made when reviewing the returns for 1892. The Government of India has recently expressed regret that so few visits are paid to factories by medical officers (G.O., dated 21st April 1894, No. 941, Judicial), and the Surgeon-General has no doubt issued stringent orders to his subordinates on the subject. The Government therefore trusts that a great improvement will be noticeable in the reports for future years and refrains from further comment.

5. The reports of the Inspectors are, in the main, satisfactory. In certain cases the requirements of the rules were not strictly complied with, but defects were generally remedied as soon as they were brought to notice and little or no friction seems to have occurred in the working of the Act. The sanitary condition of almost every factory is favorably reported upon and in every case the general health of the operatives is stated to have been good. A good deal of information has been given on the subject of wages and the general result is that the wages of unskilled factory hands are somewhat higher than those of agricultural labourers and much the same as those of ordinary labourers employed in urban tracts. No information has been furnished as to the wage-rates in Madras City.

6. There were 3,285 women and 1,593 children employed in 1893 as against 2,250 and 1,424, respectively, in 1892. Thus 17·1 per cent. of the daily average number of operatives consisted of women and children against 15·4 in 1892, and the fact goes to show that the recent amendment of the law has not affected the demand for female and juvenile labour. The Head Assistant Magistrate of South Canara was, however, informed that the employment of children had been discontinued as a consequence of the restrictions imposed thereon. The provisions of the law relative to the employment of women and children seem to have been strictly observed. The information given in respect of the work done by Certifying Surgeons is insufficient in most cases, but, so far as can be gathered, their services were utilised to a considerable extent. Reporting officers should in future furnish more detailed information on this subject.

7. In nearly every case the machinery is declared to be securely fenced but the number of accidents was larger than in 1892, namely, 149, as compared with 131. Of the accidents, 3 (as in 1892) were fatal and 20 (against 17 in 1892) were of a serious character. A certain increase naturally accompanies the growth in the factory population and it is not improbable that accidents are more regularly reported

than formerly, but the condition of the machinery must receive unremitting attention from inspecting officers. As in the previous year there were no prosecutions under the Act.

[Here enter letter dated 22nd June 1894, No. 1531, Judiical.]

(True Extract.)

J. F. PRICE,
Chief Secretary.

To all District Magistrates.
" the Public Works Department.
" the Commissioner of Police, Madras.
" the Inspector-General of Police.
" the Surgeon-General.
" the Sanitary Commissioner.

Exd. A Raitt.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following papers:—

From the District Magistrate,	Chingleput,	dated	11th	February 1894,	No. 81.
,, ,,	Cuddapah,	,,	26th	,, ,,	196.
,, ,,	Tanjore,	,,	8th	March ,, ,,	272.
,, ,,	Trichinopoly,	,,	16th	,, ,,	150.
,, ,,	Nellore,	,,	20th	,, ,,	374.
,, ,,	Nilgiris,	,,	29th	,, ,,	421.
,, ,,	Salem,	,,	29th	,, ,,	540.
,, ,,	Kurnool,	,,	3rd	April ,,	630.
,, ,,	North Arcot,	,,	6th	,, ,,	459.

ABSTRACT.—Reporting that no factories were at work in these districts during 1893.

From E. SCOTT, Esq., Acting Principal Assistant Magistrate, Vizianagram, to the District Magistrate, Vizagapatam, dated Chípurupalle, 3rd February 1894, C. No. 450.

I have the honour to submit my report on the working of the Factories Act in my division for the year 1893.

2. The only factory in the division is the Chittivalsa Gunny Factory belonging to Messrs. Arbuthnot and Company. I inspected it on three occasions during the year on the dates given in the margin, the manager of the factory being present during the inspections.

(1) 8th April 1893, between 5-30 and 4-30 P.M.
(2) 22nd September 1893, between 3 and 4 P.M.
(3) 21st December 1893, between 7 and 8 A.M.

3. Some additions have been made to the factory during the year and the engines are now worked with steam-power of 270 horse-power against 220 horse-power last year.

4. The working hours from April to October are 10 hours and 40 minutes and from November to March $10\frac{1}{2}$ hours per diem except on Saturdays when the machinery is stopped at 4-30 P. M., allowing an interval of half-an-hour at noon. The factory is closed on Sundays and important holidays.

5. The water-supply for operatives is satisfactory.

6. The factory is well ventilated.

7. Latrine accommodation was insufficient at my first inspection, but it had been increased as desired at the time of my second inspection and is now satisfactory. A urinal has also been constructed during the year. This and the latrines are kept very clean.

8. The general health of the operatives is good.

9. The monthly wages of the operatives vary with the nature of the work done and with the outturn. Excluding such classes as mechanics, overseers and carpenters the best-paid workmen are the stitchers and weavers whose average monthly pay is Rs. 4–7–4