GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following papers :—

From F. C. PARSONS, Esq., Inspector of Factories and Acting Head Assistant Magistrate, to the District Magistrate, Kistna, dated Bezváda, 7th January 1892, No. 35.

I have the honour to submit my report under the Factories Act XV of 1881 for the calendar year 1891.

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

3. This factory was thrice inspected—on 21st March 1891, 16th July 1891, and 16th December 1891.

4. The registers prescribed by the rules were properly kept. A copy of the rules in English and Telugu and a table of working hours and holidays are posted up.

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

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

7. No accidents were reported in the year.

8. There are four and two children employed at the time of the first and second inspections, who were duly mustered under Rule VII at each inspection.

9. The tabular statement is enclosed in the form prescribed by Government in its Order, No. 1246, dated 25th June 1891.

ENCLOSURE.

1	2	3	4				5		6	7	8	9	10				11		12
Name and description of factory.	Name of resident manager.	Date of inspection.	Number of persons at work on the date of inspection.				Number of children mustered.		Whether Registers D and E and the file of certificates in Form C are kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.
			Adults.		Children.								Adults.		Children.		Adults.	Children.	
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.			
Government Public Works Department Workshop, Bezvada.	W. Jopp, Esq., Executive Engineer, Eastern Division.	21st Mar. 1891 ..	262	..	4	..	4	..	Yes ..	Yes ..	Fenced ..	Good ..	..	..	..	..	..	..	None.
		16th July 1891.	204	..	2	..	2	..	Yes ..	Yes ..	The fly wheel of the large stationary engine requires more fencing. Other machinery fenced.	Good ..	..	..	..	..	..	..	
		16th Dec. 1891.	154	..	..	..	..	..	Yes ..	Yes ..	Fenced ..	Good ..	288	..	4	..	..	..	

No. 141.

Submitted to the Chief Secretary to Government, Judicial Department.

2. A copy of the tabular statement is enclosed.

3. This is the only factory in the district.

MASULIPATAM,
1st February 1892.

(Signed) K. NARASIMHAM,
For *District Magistrate.*

From the District Magistrate of Bellary, to the Chief Secretary to Government, dated Bellary, 3rd February 1892, M.P.R. No. 23.

I have the honour to send copies, with copies of enclosures, of reports received from the marginally-noted Divisional Magistrates on the working of the factories during the year 1891, and to state that there are no factories in Hospet division.

Bellary Deputy Magistrate, No. 51, dated 12th January 1892.
Adoni Deputy Magistrate, No. 53, dated 15th January 1892.

ENCLOSURES.

From M.R.Ry. C. RAMASESHAYYA, Garu, Deputy Magistrate, Bellary, to the District Magistrate, Bellary, dated 12th January 1892, No. 51.

I have the honour to submit the report on the factories in the Bellary division for the year 1891. There were only three factories under inspection as in the previous year. Having taken charge of the division in the latter part of the year, I was able to make only one inspection of each. Children are employed only in the Spinning and Weaving Mill All at work on the day of inspection were mustered and were in a healthy condition. There were no complaints of overwork There were no children under 7 years of age in employ in the mills. The requisite notices were not put up in conspicuous places, but I saw the file of certificates relating to children in the mills. The arrangements for sanitation and ventilation were good in all the factories and there was nothing to find fault with the water-supply arrangements both to provide against accidents and for daily use of labourers. There were no prosecutions during the year, but there were accidents as stated in the enclosed Statement "A."

Full wages were paid for the time the labourers concerned were under treatment in the dispensary. One case proved fatal. The accidents were all due to the carelessness of the labourers.

STATEMENT A.

Number.	Name.	Nature of injury.	Date when injured.	Date when returned to duty.
		In Spinning and Weaving Mill.		
1	Eorojee Row	The thumb of left hand got torn off whilst cleaning machinery	1st Sept. 1891 ..	21st October 1891.
2	Yellappa	Fractured the skull between the two tin-roller of the Ibjer machine and died ..	29th Nov. ,, ..	Died.
3	Mahoboole	Got jammed in the mill carriage luffer and sustained deep wound under the left jaw and head.	22nd Dec. ,, ..	Still in hospital.
		In Dymes and Co.'s Cotton Press.		
4	Raja Saib	Was injured by the anckle breaking and the plate falling; he sustained a fracture of the left leg.	6th April ,, ..	Not returned.
5	Rudrappa	Received a slight flesh wound by the same machine	6th ,, ,, ..	16th October 1891.

STATEMENT B.

1	2	3	4				5		6	7	8	9	10				11		12
			Number of persons at work on the date of inspection.										Number of persons employed at the end of the year under report.						
			Adults.		Children.								Adults.		Children.				
Name and description of factory.	Name of resident manager.	Date of inspection.	Males.	Females.	Males.	Females.	Males.	Females.	Whether Registers D and E and the file of certificates in Form C are kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Males.	Females.	Males.	Females.	Maximum number of hands employed on any day during the year. Adults.	Children.	Number of accidents during the year.
1. Spinning and Weaving Mill.	T. W. Pattison.	26th Dec. 1891.	360	70	33	..	33	..	Not kept..	Not put up ..	Fenced..	Good ..	385	92	40	..	547	40	3
		27th ,, ,,	266	69	28	..	28	..											
2. Dymes and Co.'s Cotton Press.	B. Ganapaty ..	..	..	..	..	..	..	..	Do. ..	Do. ..	Do. ..	Do. ..	46	101	..	..	147	..	2
3. Bellary Arsenal.	G. Swilling ..	28th Dec. 1891.	..	..	..	..	..	..	Do. ..	Do. ..	Do. ..	Do. ..	251	..	..	..	251	..	..

8TH JUNE 1892, No. 1077, JUDICIAL. 5

From M.R.By. K. SUBBARAYADU, Pantulu Garu, Sub-Divisional Magistrate and Inspector of Factories, Adóni, to the District Magistrate, Bellary, dated Adóni, 15th January 1892, No. 53.

I have the honour to submit my report on the working of the only factory in this division—viz., Messrs. Dymes and Co.'s Cotton Press at Adóni—for the calendar year 1891.

2. In this factory cotton is pressed into bales with the aid of a steam-engine of twenty-horse power with two cylinders and a boiler. There is a small portable engine of six-horse power which was used during a portion of the year for boring, turning and planing. Besides the above two engines there is within the premises of the factory a third engine of 24 horse power for ginning, but this was not used at all during the year under report.

3. In the year under report the factory was inspected by me four times in all on the following dates since my assuming charge of the division in July 1891:—

(1) 1st August 1891. (3) 17th October 1891.
(2) 15th September 1891. (4) 17th November ,,

4. The requisite notices were duly exhibited in the factory.

5. The arrangements for sanitation and ventilation were good.

6. There were no prosecutions during the year.

7. The working hours are from 6 A.M. to 6 P.M., with sufficient interval for meals and recreation.

8. The machinery, though not regularly fenced, is secured in a separate room to which none but the persons working it have access.

9. There were no accidents during the year.

10. No children below 12 years being employed in the factory, Registers "D" and "E" have not been maintained.

11. Registers A and B are duly maintained in my office.

12. A return showing the number of persons found employed at each inspection and the state of the factory in regard to sanitation and ventilation is submitted herewith in the form prescribed in Appendix II to G.O., No. 1246, Judicial Department, dated 25th June 1891, and communicated with Index Magisterial No. 81, dated 10th July 1891.

1	2	3	4				5		6	7	8	9	10				11		12
Name and description of factory.	Name of resident manager.	Date of inspection.	Number of persons at work on the date of inspection.				Number of children mustered.		Whether Registers D and E and the file of certificates in Form C are kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.
			Adults.		Children.								Adults.		Children.		Adults.	Children.	
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.			
Dymes and Cos'. Cotton Press.	Mr. R. J. Strachan.	1st Aug. 1891.	49	..	..	..	..	..	Registers D and E have not been maintained.	The requisite notices were hung up conspicuously.	Thoughnot fenced is secured enough being placed in a separate room altogether set apart for the purpose and not accessible to any one else except the person or persons working it.	Good.	24	64	..	..	156	..	None.
		15th Sept. ,,	25																
		17th Oct. ,,	17																
		17th Nov. ,,	No work was going on this occasion.																

Number of persons exhibited under column 10 is the number employed on the 10th November 1891, which was the last working day during the year.

From M.R.Ry. V. JAGANNADHA RAO, General Duty Deputy Magistrate, Vizianagrum Division, to the District Magistrate, Vizagapatam, dated Sangam, 27th February 1892, No. 48.

I have the honour to report on the working of the Gunny factory at Chittivalsa for the year 1891 in the form prescribed in Appendix II to G.O., dated 25th June 1891, No. 1246, Judicial. The form prescribed in paragraph 5 of G.O., dated the 19th December last, No. 2568, Judicial, in supersession of this, will, it is presumed, come into force only on the passing of the new rules.

2. The factory belongs to Messrs. Arbuthnot and Co. During the year under report it was inspected thrice by me and once by my *locum tenens* during my absence on leave, and the dates of inspection were as under :—

(1) On the 12th February 1891, between 7 and 8 A.M.
(2) ,, 21st April ,, ,, 7 and 8 A.M.
(3) ,, 22nd August ,, ,, 3 and 4 P.M.
(4) ,, 17th November ,, ,, 4 and 5 P.M.

On these occasions Mr. Innes, the Manager of the factory, was present with me and my *locum tenens* at the time of inspection.

3. In this factory jute is cleaned, twined and woven, and eventually made into gunny bags. The engine is worked by steam and its moving power is 77 nominal and 220 actual horse power.

4. The factory was closed on 10 English and 8 Native holidays besides Sundays during the year. The working hours are generally from 5-30 A.M. to 6-30 P.M. with a recess of 1½ hour between 12 A.M. and 1-30 P.M. in the months of November to March, and 2 hours from 12 A.M. from April to October. The working hours vary in the different months with reference to the light available, viz., from 6-15 A.M. to 6 P.M. in January and 5-10 A.M. to 6-45 P.M. in June. On Saturdays the engine stops at 4-30 P.M., allowing an interval of half-an-hour at noon.

5. The factory is generally whitewashed and cleaned once a year. The whitewashing for the year 1891 was commenced on the 15th November and completed on the 18th December last.

6. The latrines were kept clean, having been washed every day with the hot water let out from the engine.

7. The ventilation of the building is fair. With reference to paragraph 5 of G.O., dated 25th June 1891, No. 1246, Judicial, the attention of the proprietors has been drawn to the dusty condition of the preparing room, and their agent's reply, dated 22nd August last, is enclosed. The evil seems to be irremediable. A portion of the top of the large chimney in the factory has come down and the rest is in a dangerous state. Since the date of Mr. Elseworthy's report, a contractor has been secured and the repair of the work has been commenced.

8. The temperature in the working room on the dates of inspection was as follows :—

On the 12th February 1891	.. ..	81°
,, 21st April ,,	.. ..	85°
,, 22nd August ,,	.. ..	90°
,, 17th November ,,	.. ..	80°

9. There was only one slight accident during the year. On the 14th December 1891, one Yarusa Yellayya was injured and returned to duty on the 20th January 1892.

10. The machinery has been properly fenced and protected.

11. Certificates of age were granted by the civil apothecary at Bimlipatam in all doubtful cases of adults before their admission into the factory. They were called up and examined by me at each inspection.

12. Registers D and E are not maintained, as no children below 12 years are employed in the factory.

13. A notice of daily working hours and a list of holidays have been set up in an open place in the factory, and printed copies of the rules with Telugu translations have been pasted on the outer walls of the office room.

14. Registers A and B which are required to be kept in my office under rules 2 and 9 have been properly maintained.

No. 355.

Submitted to Government. This is the only factory in the district falling within the scope of the Act.

2. There was but one accident reported during the year under report.

VIZAGAPATAM,
14*th March* 1892.

(Signed) I. KOTILINGAM,
Deputy for *District Magistrate.*

From J. T. LEVER, Esq., General Deputy Magistrate and Inspector of Factories, Ganjam, to the District Magistrate, Ganjam, dated Russellkonda, 15th March 1892.

I have the honour to submit my report on the working of the Aska Sugar Factory and Distillery belonging to Mr. F. P. V. Minchen, of Aska, for the calendar year 1891.

2. During the year under review I inspected the factory four times, viz., on 3rd April, 20th July, 10th November and 9th December 1891. On all these occasions Mr. Kollman, the Manager of the Factory, gave me every facility in my work of inspection.

3. No children under the age of 12 years were employed.

4. The work-people are divided into two classes, the first class consisting of mechanics who 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. This is done every day including Sundays.

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.

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

7. The requisite notices are hung up conspicuously.

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

9. Two accidents were reported to me during the year under report, and the injured persons were treated successfully in the Local Fund dispensary at Aska.

A statement showing the details of each case is appended :—

Date of accident.	Name.	Caste.	Sex.	Age.	How the accident occurred.
3rd March 1891 ..	Malija Naiko.	Dandasy ..	Male ..	20 years ..	Malija Naiko, who was then in charge of the cane cutter, intended to put a leather driving belt on a pulley, but by using more force than necessary, the belt slipped over the pulley, throwing him thereby on the top of another horizontal running belt, and caused him the injury.
18th ,, ,, ..	Ongotho ..	Bollassy ..	Male ..	25 years ..	While Ongotho was hurriedly unfastening the diffusion cover with a specially constructed hand-wheel, his thumb was caught by a projecting boltnut and the tip smashed.

N.B.—The above accidents were caused by their own carelessness.

10. I beg to submit herewith the return in the new form prescribed in Appendix II to G.O., No. 1246, dated 25th June 1891.

ENCLOSURE.

1	2	3	4				5		6	7	8	9	10				11		12
Name and description of factory.	Name of resident manager.	Date of inspection.	Number of persons at work on the date of inspection.				Number of children mustered.		Whether Registers D and E and the file of certificates in Form C are kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.
			Adults.		Children.								Adults.		Children.				
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.	Adults.	Children.	
Aska Sugar Factory.	Mr. L. Kollman of Aska.	3rd April 1891.	415	..	..	..	..	..	No, as no children were employed.	Yes	Securely fenced.	Clean and well ventilated.	464	2	..	..	28th Feb. 1891. 492 ..	..	Two.
		20th July ,,	387	..	..	..	..	..	Do.	Do.	Do.	Do.							
		10th Nov. ,,	356	..	..	..	..	..	Do.	Do.	Do.	Do.							
		9th Dec. ,,	345	2	..	..	..	..	Do.	Do.	Do.	Do.							

No. 56-Mag.

Submitted to Government, with reference to G.O., dated 26th August 1884, No. 2177, Judicial Department.

CHATRAPUR,
17*th March* 1892.

(Signed) B. NARAYANAMURTI,
for *District Magistrate.*

From J. STURROCK, Esq., District Magistrate of Coimbatore, to the Chief Secretary to Government, dated Coimbatore, 19th March 1892, No. 299.

In enclosing herein a copy of the Assistant Magistrate's report on the working of the Factory Act in his division for the year 1891, I have the honour to state that the Coimbatore Spinning and Weaving Company Factory—the only one in the district registered under the Act—was thrice inspected by the Divisional officers in charge of the division, and their remarks have been duly communicated to the Manager of the factory.

2. No serious accidents were reported and the sanitary arrangements are good.

3. All the provisions of the Act have been complied with.

4. A copy of the statement sent by the Inspector of the Factory is also submitted.

ENCLOSURES.

From C. G. TODHUNTER, Esq., Assistant Magistrate, Coimbatore, to the District Magistrate of Coimbatore, dated 16th February 1892, No. 54.

I have the honour to submit my report on the working of the Spinning and Weaving Company Factory, Coimbatore, for the year 1891.

2. The factory is the only one that has been placed in the register under the Factories Act.

3. The factory was inspected thrice by my predecessors during the year under report. Copies of their remarks are herewith sent for information.

4. There was only one accident during the year, which was due to the carelessness of the person employed. The accident was not of a serious nature, and the man was successfully treated in the Municipal dispensary, Coimbatore.

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

6. No children under the age of 7 are employed.

7. 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 12 work half-time only, *i.e.*, from 6 to 12. The sanction of Government for the interval has been obtained as required by paragraph 3, section 7, of the Act.

8. The return, in the form given in Appendix No. 2 of G.O., dated 25th June 1891, No. 1246, Judicial Department, is herewith submitted.

1	2	3	4				5		6	7	8	9	10				11		12
Name and description of factory.	Name of resident manager.	Date of inspection.	Number of persons at work on the date of inspection.				Number of children mustered.		Whether Registers D and E and the file of certificates in Form C are kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.
			Adults.		Children.								Adults.		Children.				
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.	Males.	Females.	
Spinning and Weaving Company (Limited), Coimbatore.	A. T. Winn, Esq.	13th March 1891, by Mr. Gopalan Nayar.	136	71	203	56	14	2	D. and E. are Kept, and the file of certificates is also kept.	All put up, with exception of copy of rules framed under the Act.	Fenced.	Good ..	438	122	47	..	433	136	One accident of a man's left hand which was hurt on account of his own carelessness by putting it in a moving part of a carding engine.
		16th June 1891 by Mr. Gopalan Nayar.	116	66	251	48	18	2	Do.	Do.	Do.	Do.							
		29th September 1891 by Mr. Smith.	319	164	27	..	27	..	Register E is kept, but not Register D. File of certificates in Form C is not kept, but a register is maintained in which is entered the names of boys with their ages written opposite in red ink by the Assistant Surgeon.	All kept with exception of rules framed under the Act.	Do.	Do.							

From the Joint Magistrate, Godávari district, to the District Magistrate, Godávari, dated Cocanada, 31st January 1892, No. 138.

I have the honour to submit the following report on the working of the Factories Act XV of 1881 in my division during 1891.

2. The Government Workshop at Dowlaishweram is the only factory coming within the scope of the Act. It was inspected by me once during the year.

3. There was proper ventilation and everything was in good order.

4. All dangerous machinery was properly fenced.

5. On the 29th March an artificer Kulli Muttayya, while taking a portable engine to the Central Jail, Rajahmundry, was injured. The accident was caused by the jolting of the engine on the road, which loosened the key of the fly wheel causing it to come off and the wheel fell on the foot of the man. On the 6th October another accident occurred. Nagumahanti Narayanaswami, an artificer, while working on the Priestman's dredge, accidentally fell into the canal and was drowned. Both the occurrences seem to be accidents.

6. The working hours were as usual from 6 A.M. to 12 noon and from 2 to 5 P.M.

7. The statement prescribed by Government in its Order, dated 19th December 1891, No. 2568, is attached.

ENCLOSURE.

INSPECTION Report of Factories for the year 1891 in the division of the Joint Magistrate, Godávari district, with reference to G.O., No. 2568, Judicial, dated 19th December 1891.

1	2	3	4				5		6	7	8	9	10				11		12
Name and description 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 (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 the machinery is properly fenced or not.	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 accidents during the year.
			Adults.		Children.								Adults.		Children.				
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.	Adults.	Children.	
Government Workshop, Dowlaishweram.	Executive Engineer.	1891. 20th August.	142	2	..	..	..	..	No registers were kept as no children were employed.	(1) Yes; (2) yes; (3) no notice as there were no children employed in the shops.	Fenced ..	Good ..	143	2	..	..	200	2	2

No. Extra 1.

Submitted to Government with the enclosure.

2. The Workshop at Dowlaishweram is the only factory returned as such in the district. I am making inquiries as to whether any other premises will come under the amended Act.

3. I enclose a copy of my proceedings pointing out to the Joint Magistrate certain defects in the enclosed return.

ELLORE, 22*nd March* 1892.

(Signed) A. W. B. HIGGENS,
District Magistrate.

Proceedings of the District Magistrate, Godávari, dated 22nd March 1892, No. Extra 1.

Read report of inspection of factories for the year 1891 in the Joint Magistrate's division received with his letter No. 333, dated 23rd February 1892.

In column 6 of the report it is stated that registers C, D and E were not kept as no children were employed. From the entry in column 11 of the report, it appears that two children were employed during the year. The registers C, D and E should have therefore been kept by the Manager of the Factory. Moreover, the register E relates to women and not to children. Again in column 7 it is stated that no notice required by section 10 of the Act is put up in a conspicuous place as there are no children employed in the shop. As the notice required by section 10 relates also to women and as both females and children appear to have been employed in the factory, it is necessary under the section that such notice shall be maintained. The Joint Magistrate is requested to see that the omissions noticed are supplied in future by the Manager of the Factory.

2. Rule 8 of the rules framed under the Act requires that every factory shall be inspected by an Inspector at least three times in every year; but the Joint Magistrate inspected the factory only once on 20th August 1891. He is also requested to see that the instructions of Government are duly complied with in his future inspections.

3. The other Inspectors of Factories except the Cocanada Deputy Magistrate have not submitted any statements. They are requested to send them in future by 1st February.

(Signed) A. W. B. HIGGENS,
District Magistrate.

From Colonel H. W. H. COX, Commissioner of Police, Madras, to the Chief Secretary to Government, dated Madras, 24th March 1892, No. 23.

I have the honour to submit the annual report for the year 1891 of the Deputy Commissioner of Police as Inspector of Factories in the City of Madras.

ENCLOSURES.

From S. D. SIMPSON, Esq., Deputy Commissioner of Police and Inspector of Factories, Madras, to the Commissioner of Police, dated Madras, 22nd March 1892, No. 21.

I have the honour to submit my report under the Factories Act (XV of 1881) for the calendar year 1891.

2. There are now twelve factories in the Madras City falling under the operation of the Act, the last one on my list called the "Paddy Grinding, Cleaning and Oil Manufactory" was brought on my register during the year.

3. The statement, appendix I, gives the names of the factories, the dates on which they were inspected by me, and all such other information as required by Government.

4. *Accidents.*—There were 51 accidents this year against 59 last year. I append a list of them, appendix II. It will be seen from this statement that the injuries sustained in all but 11 cases were trivial and that only one proved fatal. This accident occurred in the Harbour Works. I visited the same and held an inquiry. The deceased met his death by being crushed between two skip-trucks. The one leading went off the line at a curve, and before those who were pushing it could get out of the way, the one behind came up and knocked the deceased down who was caught between them.

5. *Children.*—The factories referred to last year still continue to employ children, who were allowed the usual holidays during the year and all appeared to be well cared for.

APPENDIX I.

FORM of Return to be annually submitted by Inspectors of Factories so as to reach Government by the 31st March 1892.

1	2	3	4				5		6	7	8	9	10				11		12
Name and description of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection.				Number of children mustered.		Whether registers D and E and the file of certificates in form C are kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.
			Adults.		Children.								Adults.		Children.				
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.	Adults.	Children.	
Gun Carriage Factory ..	Captain Townsend ..	1891. 18th March .. 16th July .. 20th November ..	992 1,004 1,148	2 2 2	.. .. ..	.. .. ..	.. .. ..	.. .. ..	No ..	Yes ..	Yes ..	Good ..	1,167	2	..	..	1,208	..	..
Southern India Spinning and Weaving Mill, Rayapuram.	Cawasjee Jehangheer ..	5th March .. 3rd June .. 10th August ..	470 727 767	258 13 17	.. .. ..	.. .. ..	.. .. ..	.. .. ..	Do.	Do.	Do.	Do.	834	19	..	..	870	..	4
Harbour Works ..	J. J. Wilson, Engineer, Harbour Trust Board.	30th September .. 17th October .. 6th March .. 23rd June .. 26th October ..	776 767 955 885 795	18 18 147 138 123	.. ..	.. ..	.. ..	.. ..	Do.	Do.	Do.	Do.	610	47	..	..	1,102	..	7
Napier Works ..	A. S. Massey .. A. W. Rosling ..	9th March .. 11th July .. 19th November ..	185 222 231	.. .. ..	.. .. ..	.. .. ..	.. .. ..	.. .. ..	Do.	Do.	Do.	Do.	192	..	..	..	256	..	1
Public Works Workshops ..	L. L. Wickham, General Superintendent.	10th March .. 31st July .. 27th October ..	247 262 251	1 2 1	.. .. ..	.. .. ..	.. .. ..	.. .. ..	Do.	Do.	Do.	Do.	338	2	..	..	340	..	9
Madras United Spinning and Weaving Mills, Chulay.	Kalianjee Moomjee ..	20th March .. 10th July .. 11th August .. 28th October ..	594 595 602 621	38 45 34 41	34 27 25 26	.. ..	34 27 25 26	.. ..	Yes ..	Do. ..	Do. ..	Do. ..	644	41	26	..	685	34	7

Form of Return to be annually submitted by Inspectors of Factories so as to reach Government by the 31st March 1892—*cont.*

1	2	3	4				5		6	7	8	9	10				11		12
Name and description of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection.				Number of children mustered.		Whether registers D and the file of certificates in form C are kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.
			Adults.		Children.								Adults.		Children.		Adults.	Children.	
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.			
Bukingham Mill	S. Yonge	1891. 19th March	882	58	117	17	117	17	Yes	Yes	Yes	Good	1,014	71	223	17	1,120	245	7
		10th July	997	64	182	29	182	29											
		29th December	1,052	68	228	17	228	17											
Carnatic Mill	T. O. Thomas	19th March	1,267	42	110	7	110	7	Do.	Do.	Do.	Do.	1,465	30	89	..	1,757	117	14
		10th July	1,252	228	101	4	101	4											
		29th December	1,496	31	68	..	68	..											
Cement Works	J. Peddie	9th March	191	77	..	..	..	..	No	Do.	Do.	Do.	231	128	..	..	351	..	..
		11th July	108	35	..	..	..	..											
		19th November	143	73	..	..	..	..											
Bee Hive Foundry	R. D. Foler	6th March	150	..	..	..	..	..	Do.	Do.	Do.	Do.	146	..	..	..	160	..	..
		25th June	130	..	..	..	..	..											
		21st September	133	..	..	..	..	..											
		29th December	187	..	..	..	..	..											
Simpson and Co.	G. U. Cuddan	18th March	319	..	18	..	18	..	Yes	Do.	Do.	Do.	300	..	23	..	325	23	..
		16th July	309	..	18	..	18	..											
		15th December	311	..	26	..	26	..											
Paddy Grinding, Cleaning and Oil Manufactory.	P. Ramanjulu Naidu and Sons.	24th February	164	13	..	..	..	..	No	Do.	Do.	Do.	167	4	..	..	177	..	2
		3rd August	150	7	..	..	..	..											
		29th October	136	..	..	..	..	..											

APPENDIX II.

LIST of Accidents.

Name of factory.	Name of persons injured.	Date of accident.	Caste.	Sex.	Age.	Nature of injury.
		1891.			YEARS.	
Southern India Spinning and Weaving Mill, Rayapuram.	Moonoosawmy ..	16th Mar.	Hindu ..	Male ..	15	Forefinger of the right hand slightly injured by negligently putting his hand in the throstle wheel while in motion.
	Chinnien ..	22nd ,,	Do ..	Do. ..	18	Cut in the wrist of the left hand by doffer wheel in the card room by negligently cleaning the machine while in motion.
	Rajagopaul ..	10th April.	Do. ..	Do. ..	14	Left hand severely cut and neck slightly injured, his hand being caught between the tin-rollers while sweeping when machine was in motion.
	Gooroovappen ..	14th Aug.	Do. ..	Do. ..	45	Severely scalded by steam water.
Napier Works or Massey's Iron Foundry.	Moonoosamy ..	14th Nov.	Naick ..	Do. ..	22	Hurt in the chin caused by careless way of putting the belt on to the emery wheel. The man happened to slip and his chin came in contact with the revolving wheel.
Madras United Spinning and Weaving Mill, Chulay.	Vijayaragavulu.	21st Mar.	Naidu ..	Do. ..	14	Twisting of the left arm caused by putting his hand in rim pulley of a mule which he had no business to do.
	Coomaraguruvan	21st ,,	Chetty ..	Do. ..	18	Laceration over the back of the right hand caused by carelessly letting his hand be caught between the cylinder and cover of a card.
	Ruthnasabapathy	22nd ,,	Vellala ..	Do. ..	20	Crushing of the right hand thumb caused by carelessly putting his thumb underneath the cover of a card.
	Appasamy ..	8th July.	Naick ..	Do. ..	45	Bruising of right jaw by sudden fall of a pole while undoing a scaffold.
	Ruthnam Naidu.	23rd ,,	Vannia ..	Do. ..	30	Slight scalding over hands and legs caused by sudden rush of hot water while working at the drain pipe of the exhaust in the engine.
	Moonoosamy ..	23rd ,,	Ooparava..	Do. ..	23	Do. do. do.
	Ponrunga Mudali	23rd Dec.	Mudali ..	Do. ..	20	Cut on top part of left ear caused by putting his head underneath a mule rope while cleaning.
Buckingham Mill.	Govinden ..	8th Feb.	Pariah ..	Do. ..	50	Injury to the 3 fingers of right hand by his own carelessness by putting his hand in the licker-in.
	Gopalsamy ..	8th Mar.	Cavarai ..	Do. ..	18	Lacerated right hand, 1st finger half taken off, caused by picking cotton from licker-in with strap on.
	Chellan ..	19th ,,	Pillay ..	Do. ..	35	Slight injury to the 3rd and 4th fingers of right hand by his own carelessness after taking the strap off licker-in, putting his hand in same before it had stopped.
	Ragaven ..	19th May..	Cavarai ..	Do. ..	15	Injury to the 1st and 2nd fingers of left hand caused by his getting his hand in jack motion between cover and wheel.
	Mathurai ..	18th June.	Naidu ..	Do. ..	16	Injury to the 1st finger of right hand by his own carelessness by putting his finger in a pinion of rowing frame.
	Mahommed Ghouse.	8th Aug.	Muhammadan.	Do. ..	19	Burn to right arm caused by its being pressed on shaft accidentally.
	Nagapen ..	7th Oct. ..	Mudali ..	Do. ..	10	Injury to the 1st finger of right hand by his own carelessness by putting his finger in a pinion.

List of Accidents—*cont.*

Name of factory.	Name of persons injured.	Date of accident.	Caste.	Sex.	Age.	Nature of injury.
		1891.			YRS.	
Carnatic Mill ..	Sunjeevi ..	4th Jan.	Bulja ..	Male ..	14	Hurt on the 1st finger of right-hand by carelessly putting his hand in electric stop motion of the intermediate frame while in motion in which he had no connection whatever.
	Kistnasamy ..	29th ,,	Mudali ..	Do. ..	30	Half of his right side (upward) scalded by a rush of steam from the ear-pump caused by the water-pump suddenly failing to act.
	Moonesamy ..	29th ,,	Do. ..	Do. ..	30	The two hands up to the wrist and mouth scalded by a rush of steam from the ear-pump by the water-pump suddenly failing to act.
	Etherajulu ..	5th Mar.	Gentoo ..	Do. ..	15	Scalded right and left knees by falling down in the steam-water canal.
	Moonean ..	11th ,,	Pariah ..	Do. ..	25	Hurt 2nd, 3rd and 4th fingers of right hand by putting it between 1st and 2nd cylinder of the carding machine while cleaning it.
	Thungavaloo ..	19th ,,	Mudali ..	Do. ..	10	Hurt 4th finger of left hand by putting it in a pair of pinion wheels of the throstle machine while working.
	Ramen ..	22nd ,,	Pariah ..	Do. ..	15	Hurt 2nd, 3rd and 4th fingers and thumb of righ thand by putting his hand between twist while carrier wheel of the throstle machine was in motion.
	Govinden ..	8th May.	Hindu ..	Do. ..	14	Slightly scalded by falling down in the steam-water canal while passing through that way to go to his work.
	Andy	23rd ,,	Pariah ..	Do. ..	11	Right arm bruised by coming in contact with strap in motion.
	Mathooray ..	8th July.	Do. ..	Do. ..	18	Thumb of right-hand hurt by putting it between the crank shaft and tapst-shaft wheels while the loom was in motion.
	Govinden ..	24th Aug.	Vania ..	Do. ..	30	Wound on right foot and 2nd and 3rd fingers of left-hand caused by lifting a stone with others which slipped and fell on him.
	Gengiah ..	19th Oct.	Janapa ..	Do. ..	18	Hurt on the 4th finger of right hand by carelessly putting it between temple stay of loom.
	Iyavoo ..	29th ,,	Golla ..	Do. ..	16	Hurt on the palm of his left hand caused by putting it between end of the roller and moving roller of winding frame.
	Maduray ..	1st Nov.	Mudali ..	Do. ..	12	Hurt in the 2nd finger of right hand by carelessly putting it between 2 steel-roller wheels.
Public Works Workshops.	Chenglaroyen ..	19th Jan.	Goldsmith.	Do. ..	15	The left-hand palm has been ripped open by a planing iron while sharpening it on the grinding stone.
	A. D. Richter ..	23rd Mar.	Eurasian ..	Do. ..	21	Right-hand last finger nail smashed by a piece of iron falling on the finger when at work.
	Veerasamy ..	29th April.	Hindu ..	Do. ..	30	Injured in the right foot being caught between two buffers.
	Parthasarathy ..	25th Aug.	Gentoo ..	Do. ..	26	Middle finger of the left hand hurt and a nail split caused by the finger coming in contact with the planing machine.

List of Accidents—*cont.*

Name of factory.	Name of persons injured.	Date of accident.	Caste.	Sex.	Age.	Nature of injury.
		1891.			YRS.	
Public Works Workshops—*cont.*	Rungasamy Naicker.	29th Aug.	Vannia ..	Male ..	25	Left-hand palm split by a wheel of the foundry traversing crane coming in contact with the hand when the same was in motion.
	Vencatachellum.	29th Sept.	Vellala ..	Do. ..	40	Severe hurt under the left eye caused by a projecting piece of wood hitting the cooly when he tripped and fell after laying some wood in the carpenter shop.
	Newman ..	8th Oct.	Eurasian ..	Do. ..	19	Both the left-hand centre finger and fourth finger smashed by the fall of a copper sheet while at mill with it.
	Tanner ..	13th Nov.	Do. ..	Do. ..	24	Left-hand centre finger slightly hurt by drilling machine wheel coming in contact with his hand.
	D. D. Hendrick.	9th Dec.	Do. ..	Do. ..	34	Right thigh wounded by a chip from the rivetting hammer flying against it while rivetting a Grainger pan machine.
Paddy-grinding, Cleaning and Oil manufactory.	Yellen ..	10th Sept.	Pully ..	Do. ..	14	Three fingers of right hand smashed, being caught in the wheel while throwing oil seeds into the machine.
	Cannoo ..	20th Dec.	Do. ..	Do. ..	20	Wounded his right-foot toes when he was lifting a ram; admitted in General Hospital where they were amputated.
Harbour Works, Madras.	Mooroogappen.	25th Feb.	Pariah ..	Do. ..	23	Forefinger of right hand hurt while moving some timber.
	Moonoosamy ..	22nd June.	Hindu ..	Do. ..	25	Chest and left arm crushed caused by the man falling between two skip-trucks; died on the way to hospital.
	Ponnoosamy ..	26th ,,	Pariah ..	Do. ..	25	Wound in the right foot caused by a skip-truck passing over it.
	Sunthee Mooroogan.	7th ,,	Do. ..	Do. ..	25	A wound on the forehead and the loss of two fingers of the left hand by his trying to re-prime the vent of an unsuccessful blast with an iron primer when the charge went off.
	Amavasay ..	16th July.	Do. ..	Do. ..	30	Fractured right arm; amputated above elbow, caused by No. 3 goliath crane passing over his arm.
	Singaram ..	20th Oct.	Hindu ..	Do. ..	20	Great toe of his left foot crushed by a truck wheel passing over his foot.
	Ragaven ..	17th Nov.	Do. ..	Do. ..	25	Left foot bruised by a rail falling over it.

From M.R.Ry. V. CHAPPAN MENON, Deputy Magistrate and Inspector of Factories, Calicut Sub-Division, to the District Magistrate, Malabar, dated Calicut, 29th March 1892.

I have the honour to submit my report on the working of the Factories Act XV of 1881 in the Calicut Sub-division during the last year (1891) together with the statement prescribed in G.O., dated 25th June 1891, No. 1246, Judicial.

2. The only factory in my division falling within the scope of the Act is "The Malabar Spinning and Weaving Company (Limited)" situated in Panniyankara amsam, Calicut taluk.

3. I inspected the factory thrice during the course of the year under report, and at my first inspection I found everything in a satisfactory condition.

4. At my second inspection sundry irregularities and mistakes in connection with the maintenance of the children's certificates in Form C and the Registers in Forms D and E were noticed, but these, which were due to the appointment of a new Manager for the factory in the middle of the year, were removed immediately afterwards, and at my last inspection on the 27th December 1891, everything was found to be in a fair condition.

5. On all my visits, children were mustered and their physical condition appeared to be all that was desirable. They are not worked beyond the prescribed hours and had no complaint of ill-treatment to make against the factory staff. The numbers at work on my last inspection were—

	Males.	Females.	Total.
Adults	447	36	483
Children	56	2	58

6. The machinery is properly fenced, and no accidents of a serious nature happened during the year. There were, however, nine cases in which slight injury was caused through carelessness on the part of the recipients themselves and these persons were treated at the hospital.

7. The ventilation and sanitation of the factory are in excellent condition and the factory owners have, at my suggestion, recently erected a latrine for the use of the operatives.

8. The registers prescribed by the Factory Rules have been duly maintained and the present Manager, Mr. A. Ashworth, is paying personal attention to the matter.

No. 223 M.-Gl.

True copy, with copy of the annual return, submitted to the Chief Secretary to Government, Madras.

CALICUT,
31*st March* 1892.

(Signed) W. DUMERGUE,
Acting District Magistrate.

ENCLOSURE.

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

1	2	3	4				5		6	7	8	9	10				11		12
Name and description of Factory.	Name of Resident Manager.	Date of Inspection.	Number of persons at work on the date of inspection.				Number of children mustered.		Whether Registers D and E and the file of certificates in form C are kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.
			Adults.		Children.								Adults.		Children.		Adults.	Children.	
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.			
The Malabar Spinning and Weaving Company (Limited).	Mr. Nudham was Manager till 25th June 1891. Mr. Kesava Dass Gopal Dass was Acting Manager from 1st July to 31st August 1891, and Mr. Albert Ashworth from 1st September 1891.	18th July 1891. 11th December 1891. 27th December 1891.	273 368 447	13 13 36	22 73 56	5 3 2	22 73 56	5 3 2	Neatly kept, although at the time of the second inspection some irregularities were noticed.	Are put up in a conspicuous place of the building.	Properly fenced.	Good.	467	39	58	2	506	76	There were 9 accidents during the year, but none proved fatal.

From A. M. JONES, Esq., Deputy Magistrate, Nilgiris, to the District Magistrate, Nilgiris, dated Ootacamund, 4th April 1892, No. 342.

I have the honour to report on the working of the Factories Act during the year 1891.

2. The only factory working during the year was the Murree Brewery Company which closed in the month of November, and it was not, therefore, possible to complete the required number of inspections for the year. During the time the factory was at work there were no accidents, and all the rules were complied with.

3. The tabular statement prescribed in G.O., No. 1246, dated 25th January 1891, is submitted.

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

1	2	3	4				5		6	7	8	9	10				11		12
Name and description of Factory.	Name of Resident Manager.	Date of inspecton.	Number of persons at work on the date of inspection.				Number of children mustered.		Whether Registers D and E and the file of certificates in Form C are kept.	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.	Whether machinery is fenced or not.	State of ventiliation and sanitation.	Number of persons employed at the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.
			Adults.		Children.								Adults.		Children.				
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.	Adults.	Children.	
Murree Brewery Company.	R. F. Springett	23rd June 1891.	63	6	..	..	..	..	Nil registers were kept as there were no children at work.	Yes. Hours of work 7–12 A.M. and 1 to 5–30 P.M.	Yes ..	Good ..	..	..	..	..	..	..	..
		19th Sept. 1891.	50	5	..	..	..	..											

Columns 10 and 11 could not be filled as the brewery was closed in November 1891, and there is no means of obtaining this information now.

No. 343.

Submitted to Government.

(Signed) J. D. REES,
District Magistrate.

OOTACAMUND,
5th April 1892.

From W. FRANCIS, Esq., Assistant Magistrate, South Arcot, to the District Magistrate of South Arcot, dated Cuddalore, 7th March 1892, No. 19.

I have the honour to submit my report on the working of the Factory Act in the taluk for the calendar year 1891.

2. The factory at Nellikuppam belonging to Messrs. Parry and Company was inspected during the year under report by my predecessor Mr. Krishna Rao on the three occasions noted in the margin, and the result of his inspection is given in the statement (enclosed).

6th July	1891.
15th October	,,
31st December	,,

3. On these occasions he found the sanitary condition of the factory fair and the ventilation good. I have not inspected the factory myself since I took over charge.

4. As no children under 12 years of age were employed in the factory, the Registers D and E (Rule 15) and the file of certificates in Form C (Rule 14) have not been maintained.

5. There were five accidents during the year under report. Of the injured persons two died, one was treated successfully in the hospital at Munjakuppam and the other two were partly under treatment in the hospital and subsequently under private treatment. A statement showing the details of each case is herewith submitted.

6. There were no prosecutions in the year under report.

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

1	2	3	4				5		6	7	8	9	10				11		12
Name and description of Factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection.				Number of children mustered.		Whether Registers D and E and the file of certificates in Form C are kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.
			Adults.		Children.								Adults.		Children.				
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.	Adults.	Children.	
Sugar Manufactory Refinery and Spirit Distillery, Nellikuppam, Cuddalore taluk.	F. N. G. Gill, Esq.	1891. 6th July 15th Oct. 31st Dec.	599 495 557	69 57 52	. .. ..	.. .. ..	.. .. ..	.. .. ..	No.	Yes.	Fenced.	Ventilation good; sanitation fair; as good as it could be in a sugar factory.	674	51	None.		862	None.	5

STATEMENT showing accidents that occurred in the Sugar Manufactory and Refinery and Spirit Distillery at Nellikuppam during the year 1891.

Date of occurrence.	Name.	Caste.	Sex.	Age.	Nature of injury and how caused.	Remarks.
1891. 28th February	Krishnan	Nayakan	Male	YRS. 22	Not exactly known. Apparently something internal and probably rupture of an internal organ. The accident was caused by the man slipping down while carrying a bucket of sugar on floor level. The bucket was being carried on the shoulder, and, when the man fell backwards, it was jolted on to the lower part of the belly.	This man died on the 1st March 1891 out of factory. At the outset it was not found out to be a fatal injury. The injured man went away to his house of his own accord without exhibiting any symptom of injuries.
13th March	Veeran	Chuckler	Do.	34	Probably broken back and ruptured chest. The accident was caused by the man getting between two trucks.	Died on the spot. Special report sent to District Magistrate with letter, No. 280, dated 29th August 1891.
28th ,, ...	Muthusami	Vanniya	Do.	16	Hand torn. The accident was caused by the man putting his hand between a revolving friction plate and a drum.	Discharged cured from New Town hospital on 10th April 1891.
1st May	Ponnusami	Udiyan	Do.	27	Fracture of first phalanx of right little finger. The accident was caused by the man keeping his fingers over the end of a cask of molasses while rolling it and then bringing the end of this cask in violent contact with the end of another cask and with his little finger between the two cases.	Cured.
4th October	Kaseem	Muhammadan	Do.	35	Bruised hand. The accident was caused by the man carelessly keeping the hand between the cranks while oiling the engine.	Do.

From M.R.Ry. P. RAJARATNA MUDALIAR Avargal, B.A., Deputy Magistrate on General Duties, Tirukoilúr Division, to the District Magistrate, South Arcot, dated Tiruvannanallúr, dated 16th March 1892.

I have the honour to submit my report on the working of the Factories Act in this division for 1891.

2. There is only one factory in this division, viz., that of Messrs. Parry and Co. at Tiruvannanallur. More than 100 coolies generally work in it and they were employed for 65 days during the year under report.

3. Adult males or females work ten hours a day from 7 A.M. to 12 P.M. and again from 2 to 7 P.M. Special arrangements are made for night work during the sugar manufacturing season so as to give 12 hours work per head day and night put together. A cooly is made to work from 7 A.M. to 1 P.M. and then relieved for the rest of the day; he comes back at 7 P.M. and works on until 1 A.M., the relieving cooly working from 1 to 7 P.M. and again from 1 to 7 A.M.

4. The coolies get daily wages which are distributed once in a fortnight. It does not appear that their wages are unnecessarily withheld.

5. Inasmuch as the coolies get daily wages for the days they work, they enjoy holidays at their will and pleasure. The permanent coolies, it is said, enjoy six days for Pongal and three days for Deepavali in the case of Hindus and three days for Moharum, two days for Ramzam and Kutba in the case of the Muhammadans.

6. The sugarcane season begins from the 1st of March and ends by the 15th May. The intervening period is generally the busiest part of the year.

7. I visited the factory only once in December last after I took charge of the division at the end of August as it was not the working season. An extract from the register of inspections is enclosed for information.

8. No accidental deaths were reported during the year under report.

FORM of return to be annually submitted by Inspectors of Factories for the year 1891.

1	2	3	4				5		6	7	8	9	10				11		12
Name and description of factory.	Name of Resident Manager.	Date of inspection.	Number of persons at work on the date of inspection.				Number of children mustered.		Whether Registers D and E and the file of certificates in Form C are kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.
			Adults.		Children.								Adults.		Children.				
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.	Adults.	Children.	
Sugar Factory at Tiruvannanallúr.	A. S. Paul, Esq., Agent of Messrs. Parry and Co.	15th December 1891.	..	..	..	..	..	..	....	Yes	Properly fenced.	Sanitation bad.	..	..	..	..	244	..	..

EXTRACT from the register of inspection of Factories during the year 1891.

Number of Factory in Register A.	Name or description of factory.	Name of occupier or Manager.	Date of inspection.	Number of persons at work on date of inspection.				Machinery whether fenced or not.	Ventilation and sanitation.	Remarks.
				Adults.		Children.				
				Men.	Women.	Men.	Women.			
1	Sugar Factory, Tiruvannanallúr.	A. S. Paul, Esq., Agent of Messrs. Parry and Co.	15th December 1891.	..	..	..	..	Machinery properly fenced; some plant requires replacing.	As this is not the working season, the factory building and the machines are in a neglected condition; sanitation bad.	

From M.R.Ry. P. RAJARATNA MUDALIAR, Avergal, B.A., Acting Deputy Magistrate, G.D., South Arcot, to the District Magistrate, South Arcot, dated Kallakurichi, 27th March 1892, No. 41.

In returning herewith your reference on Register No. 972-Magis., dated 23rd instant, * I have the honour to state that it does not appear that Mr. Subbiah inspected the factory last year. He was engaged in the jamabandi of the Cuddalore taluk away from Tiruvannallore during the whole of the working season from March to June and he was chiefly engaged in inspecting the affected villages and making arrangements to open works and give labour to the poor in the affected parts of the division subsequently.

* Calling for an explanation of the omission to inspect the factory at least three times during the year.

Nos. 931 and 1038-Mag.

Submitted to the Chief Secretary to Government, Judicial Department.

2. There are only two factories in the district falling under the Factories Act (XV of 1881).

CUDDALORE,
7th April 1892.

(Signed) M. HAMMICK,
District Magistrate.

From G. S. FORBES, Esq., District Magistrate, Tinnevelly, to the Chief Secretary to Government, dated 11th April 1892, No. 515.

I have the honour to report on the working of the Indian Factories Act (XV of 1881) in this district for the calendar year 1891.

2. The four factories named in the margin were on the registers during the year, the first three being in the Joint Magistrate's and the fourth in the Head Assistant Magistrate's division. The reports of these officers are enclosed.

(1) Tuticorin Cotton Press Company (Limited).
(2) The Coral Mills Company, Tuticorin.
(3) Sugar Factory, Tuticorin.
(4) Cotton Spinning Factory, Pápanásam.

3. The statement appended shows the number of inspections during the year with the results observed. The inspections were not so frequent as the rules require. No satisfactory reason is given so far as the Coral Mills are concerned. The Tuticorin Press Mill was not at work for a considerable portion of the year and the Sugar Factory in the same town came on the register only in November last. The Pápanásam mills were inspected only twice, but there were so many changes of the Divisional officer that some excuse is admissible.

4. Children were employed only by the Coral Mills Company at Tuticorin and in the factory at Pápanásam. No children under 7 years of age are employed in either of these factories and the four holidays prescribed are allowed every month. In the Pápanásam factory the children are now worked only six hours a day in accordance with the arrangement approved in G.O., dated 28th October 1885, Mis. No. 2896, one batch coming from 6 A.M. to noon and another batch from noon to 6 P.M.

5. No accidents are reported to have occurred in any of the factories nor was there any prosecution during the year under report. The rules under the Act are reported to have been generally well carried out.

ENCLOSURES.

From J. HEWETSON, Esq., Acting Joint Magistrate of Tinnevelly, to the District Magistrate, Tinnevelly, dated 2nd February 1892, No. 84.

I have the honour to forward my annual report on the working of the Factory Act in 1891.

2. One of the factories mentioned in last year's report, Messrs. Darley, Butler and Co., was removed from the register in accordance with your docket, dated 21st April 1891, No. 421. The Sugar Factory began its work in November last and has been brought on the register.

3. A statement showing the result of inspection of the factories prepared in the form prescribed in G.O., dated 25th June 1891, No. 1246, is herewith forwarded.

4. Ventilation, sanitary arrangements and fencing of machinery appear satisfactory. The necessary rules under the Act have been stuck up in the three factories, except in Sugar Factory.

5. No children are employed in the second and third factories. In the Coral Mills Company children are employed. Certificates of ages were forthcoming for all and the necessary registers are maintained. No children under 7 years of age are employed and the four days' holidays for children are allowed every month.

6. No accidents are reported to have occurred in any of the factories.

7. In the Sugar Factory one half the total number of persons employed work from 6 A.M to 12 and they are relieved by the other half at 12. Then the first set relieves the second set at 6 P.M., who in turn relieve the first at 12 P.M. Thus the work is carried on continuously. Hence only 59 were present at the time of inspection.

8. On the transfer of Mr. D. O'Leary, the late Apothecary of Tuticorin, who was appointed as the certifying surgeon under the Act, his successor, Mr. James Bartley St. Clair, has not been appointed as a certifying surgeon. Recommendation has been made in this office letter, dated 22nd January 1892, No. 59, for appointing him as a certifying surgeon.

9. I regret that the factories were not inspected the prescribed number of times, but my work was very heavy during the year.

From D. MURDOCH, Esq., Head Assistant Magistrate, Tinnevelly, to the District Magistrate, Tinnevelly, dated 16th February 1892, No. 26.

I have the honour to submit the annual report under the Factories Act (XV of 1881) for the calendar year 1891 with the prescribed forms A, B and G.

2. There is only one factory in this division, viz., that of the Tinnevelly Mills Company (Limited) at Pápanásam.

3. This factory was inspected by Mr. T. Varada Row on 13th February 1891 and by Mr. Bedford on 8th September 1891. For their remarks *vide* form B enclosed. In regard to Mr. Bedford's remark about the children, what is meant is that one batch of them works from 6 to 12 and another from 12 to 6.

4. No prosecutions were ordered under the Act in 1891.

5. It is reported that no accidents occurred during the year under report (*vide* form G).

6. I joined the division only on the 17th December and was therefore unable to inspect the factory before the end of the year. I inspected it, however, in January last; a copy of my remarks is submitted, but they have not been entered in the statement as they relate to 1892.

STATEMENT showing the Inspection of Factories by Inspectors of Factories in the district of Tinnevelly for the year 1891.

1	2	3	4						5	6	7	8	9				10		11	12
Name and description of factory.	Name of resident manager.	Date of inspection.	Number of persons at work on the date of inspection.				Number of children mustered.		Whether registers D and E and the file of certificates in form C are kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.	Remarks.
			Adults.		Children.								Adults.		Children.					
			Males.	Females.	Males.	Females.	Males.	Females.					Males.	Females.	Males.	Females.	Adults.	Children.		
1. Coral Mills Co. (Limited), Tuticorin.	Mr. F. Harvey.	22nd August 1891.	419	210	92	..	* 92	..	Yes	Yes	Yes ..	Good ..	..	..	..	..	..	..	..	* 92 out of 118 on books; apothecary not present.
		31st December 1891.	400	208	69	..	69	..	Do.	Do.	Do. ..	Do. ..	460	218	118	..	678	118	..	Children mustered with apothecary. All marked present were seen, except one boy, said to have gone home with fever.
2. Tuticorin Cotton Press Co., Tuticorin.	Mr. G. Alston.	25th August 1891.	..	..	..	..	..	..	No children employed.	Do.	Do. ..	Do. ..	91	16	..	..	107	..	..	Not at work on the date of inspection. This factory was out of work for a considerable portion of the year.
3. Sugar Factory, Tuticorin.	Mr. Nisbet.	31st December 1891.	57	2	..	..	..	..	Do. do. ..	No	Do. ..	Do. ..	143	4	..	..	174	..	..	This factory was opened only in November 1891.
4. Cotton Spinning Factory, Pápanásam.	Mr. J. Miller.	13th February 1891.	339	119	58	..	58	..	Yes	Yes	Do. ..	Good except that the ground near the latrine might be kept cleaner.	384	126	80	..	510	80	..	The prescribed 4 holidays a month are given. The children work from 6 to 12 and from 12 to 6; four absentees in group (2) of half timers and 2 absent from group (1)—150 women. No attendance register kept, because paid by piece work; men paid by the day.
		8th September 1891.	365	150	74	..	74													

From V. A. BRODIE, Esq., Acting District Magistrate, South Canara, to the Chief Secretary to Government, dated Mangalore, 14th April 1892, No. 1417.

With reference to the official memorandum, dated 1st instant, calling for a report on the working of the Indian Factories Act (XV of 1881) for the year 1891, I have the honour to solicit a reference to Letters to Government, dated 19th April 1888, No. 1405, paragraph 2, and 13th April 1891, No. 1403, G.O., dated 19th December 1891, No. 2568, Judicial, paragraph 4 (*b*). the marginally-noted correspondence and to state that, under the interpretation hitherto put upon the term "factory," as defined in the above Act, it was considered that there were no factories in this district coming under the said Act and hence no official inspection of factories was made during the past year 1891. I have consequently no report to submit on the working of the Act for that year.

REPORT on Railway Factories for the year 1891.

The number of railway factories for 1891 remained the same as those of 1890. The dates on which they were inspected are shown below:—

Madras Railway Perambúr Works.

2nd February 1891. | 15th August 1891.
4th May 1891. |

South Indian Railway Engineering Workshops, Trichinopoly.

6th January 1891. | 10th August 1891.

South Indian Railway Locomotive and Carriage Shops, Negapatam.

8th January 1891. | 6th August 1891.

2. I was unable to make a third inspection as required by the rules of the South Indian Railway Factories in the latter part of the year owing to pressure of work in my office on account of Consulting Engineer's absence on inspection of the East Coast Railway.

3. A detailed statement of accidents reported during the year under review, together with the return prescribed by G.O., dated 25th June 1891, No. 1246, Judicial, is herewith enclosed.

4. None of the accidents were serious.

5. The number of hands ordinarily employed is as follows:—

	Adults.
Perambúr Railway Workshops	2,988 to 3,031
South Indian Engineering Workshops, Trichinopoly ..	588 ,, 684
Do. Locomotive and Carriage Shops, Negapatam.	2,266 ,, 2,303

(Signed) W. V. CONSTABLE, Major, R.E.,
Inspector of Railway Factories.

ENCLOSURES.

DETAILED Statement of Factory Accidents on the Madras and South Indian Railways for 1891.

Railway.	Factory.	Date. Month.	Date. Day.	Remarks.
Madras Railway ..	Perambúr Works ..	May ..	11	A fitter was hurt in the left leg by a long loose cloth he was wearing becoming entangled in an emery wheel at which he was working.
		June ..	9	Several parts of body and both eyes of a fitter were burnt by some sparks flying over his body and face from a cast-iron piston head which burst while being heated.
		July ..	14	A striker was injured by a chip striking him in the eye while he was cutting a piece of steel.
		August ..	15	Two brick-layers and two coolies were injured by the collapse of a rail shed.
		September.	26	A cooly was injured, his hand being caught between the cog wheel and bed of head stock of a lathe.
		October ..	24	Left collar bone of a cooly was fractured owing to the man accidentally pulling over a wheel which was leaning against as a support on to himself.
		November.	2	A striker was injured by getting his hand accidentally caught in the slide rack of a lathe.
South Indian Railway.	Negapatam Workshops.	February ..	11	While a smith was working at the 10 cwt. steam-hammer, a pair of tongs which he was holding struck him on the chest.
		March ..	4	A boilersmith was hurt by an iron plate falling on his leg.
		May ..	11	A painter received a compound fracture of the middle finger and a lacerated wound in index finger of right hand by a tressel which broke falling on his right hand.
		June ..	18	A carpenter was injured in the right hand by his cloth getting entangled in the shafting while he was sharpening a chisel.
		July ..	29	A boilersmith was hurt by an iron plate dropping on his foot.
		August ..	11	A boilersmith was wounded on the left eyelid by a small piece of iron striking him while he was rivetting.
		November.	4	The right eyelid of a striker, named Soondram, was hurt by a small piece of steel flying from the head of a punch which he was holding.
		December.	11	The left eye of a fitter was injured by a piece of steel striking him while working at the vice.
	Engineering Workshops, Trichinopoly.	August ..	1	A fitter was injured by the belt of the saw-sharpening machine getting detached and catching his arm.
		December	30	While loading iron work for despatch a 40-lb. rail fell on a cooly and caught his middle finger against some other rails, severing the top joint.

RETURN of Factories for the year 1891.

1	2	3	4					5		6	7	8	9	10				11		12
Name and description of factory.	Name of resident manager.	Date of inspection.	Number of persons at work on date of inspection.					Number of children mustered.		Whether registers D and E and the file of certificate in form C kept.	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.	Whether machinery is fenced or not.	State of ventilation and sanitation.	Number of persons employed at the end of the year under report.				Maximum number of hands employed on any day during the year.		Number of accidents during the year.
			Adults.		Children.									Adults.		Children.				
			Males.	Females.	Males.	Females.		Males.	Females.					Males.	Females.	Males.	Females.	Adults.	Children.	
Perambúr Railway Works, Madras Railway.	C. E. Phipps, Esq., Acting Locomotive Superintendent.	2nd Feb. 1891. 4th May ,, 15th Aug. ,,	2,551 2,533 2,903	..	..	..		No children are employed.		*Nil* ..	Form F (1) and the copy of Factory Act rules (2) are posted in the workshops.	Sufficiently fenced.	Good ..	2,993 ..	..	..	..	3,089 ..	..	7 (*vide* statement attached).
South Indian Railway Engineering Workshops, Trichinopoly.	W. H. Spalding, Esq., Acting Chief Engineer.	6th Jan. 1891. 10th Aug. ,,	505 588	..	..	..				*Nil* ..	1 and 2 are posted in both the factories.	Do. ..	Do. ..	685 ..	..	..	..	707 ..	..	2 (do.)
South Indian Railway Locomotive and Carriage Shops, Negapatam.	G. S. Bruce, Esq., Acting Locomotive and Carriage Superintendent.	8th Jan. 1891. 6th Aug. ,,	2,017 2,035	..	..	..				*Nil* ..	1 and 2 are posted in both the factories.	Do. ..	Do. ..	2,362 ..	..	..	..	2,362 ..	..	8 (do.)

No. 386.

Submitted to Government with reference to G.O., Nos. 329-30, Judicial, dated 9th February 1883.

MADRAS, *5th May* 1892.

(Signed) R. E. TOMLIN, Lieut., R.E., for *Consulting Engineer for Railways.*

To the Chief Secretary to Government.

From the District Magistrate, Chingleput, dated 5th February 1892, No. 48.
" " Cuddapah " 10th " " " 253.
" " Tanjore " 2nd March " " 267.
" " Salem " 13th " " " 403.
" " Kurnool " 22nd " " " 2125.
" " North Arcot " 5th April " " 395.
" " Nellore " 5th " " " 362.
" " Madura " 12th " " " 20.
" " Anantapur " 16th " " " 327.
" " Trichinopoly " 12th May " " 50—52.

ABSTRACT.—Report that no factories were at work in the districts during the year 1891.

ORDER—dated 8th June 1892, No. 1077, Judicial.

In consequence of the opening of the Sugar Factory at Tuticorin and the Paddy-grinding, Cleaning and Oil Manufactory at Madras, the number of factories falling within the scope of Act XV of 1881 rose to 32 in 1891. The number of children employed declined slightly as compared with 1890, but the total number of factory hands continued to grow and reached 19,369 at the close of the year under report; the figures under this head during the last six years are shown below :—

	No. of factories.	No. of hands.
1886	24	11,850
1887	24	13,332
1888	28	14,993
1889	30	16,890
1890	30	17,843
1891	32	19,369

2. The reports are generally satisfactory and show that the provisions of the Act and Rules have been carefully attended to in most instances; examples to the contrary are the following :—

(1) *Bellary.*—In the Spinning and Weaving Mill, Registers D and E and File C were not kept, and in this factory and in Messrs. Dymes and Company's Cotton Press and in the Bellary Arsenal the rules regarding the posting up of Form F and of a copy of the rules were neglected; the notice required by section 7 of the Act was also not posted up in the first-named factory.

(2) *Coimbatore.*—In the Spinning and Weaving Factory, Register D and File C were not kept and copy of the rules was not posted up.

(3) *Godavari.*—In the Government Workshop, Dowlaishweram, Registers D and E and File C were not kept and the notice required by section 7 was not posted up although two children were employed.

(4) *South Arcot.*—The sanitary condition of the Sugar Factory at Tiruvannanallúr is reported to have been bad.

(5) *Tinnevelly.*—The rules regarding the posting up of Form F and of a copy of the rules were neglected in the Tuticorin Sugar Factory.

The attention of the resident managers should be drawn to the above defects by the District Magistrates concerned.

3. The inspection of factories was not conducted in an altogether satisfactory manner; in the following instances the number of inspections during the year was below that required by the rules :—

(1) *Bellary.*—The Spinning and Weaving Mill was inspected only twice, the Bellary Arsenal only once, and Messrs. Dymes and Company's Cotton Press (Bellary) was apparently not inspected at all, although certain particulars in respect of it are furnished.

For the neglect of the Inspectors no explanation is offered by the District Magistrate.

(2) *Godavari.*—The Government Workshop, Dowlaishweram, was inspected only once; no explanation of this has been offered.

(3) *South Arcot.*— The Sugar Factory at Tiruvannanallúr was visited only once; this factory seems to be at work for only a short portion of the year; it has not been explained why an inspection was not made during the busy season.

(4) *Tinnevelly.*—Of the four factories in this district, not one was inspected more than twice; in respect of the Coral Mills and the Cotton-spinning Factory, Pápanásam, no satisfactory explanation of the failure to obey the rules has been given.

(5) *Railway.*—The South Indian Railway Engineering Workshops, Trichinopoly, and the South Indian Railway Locomotive and Carriage Shops, Negapatam, were inspected only twice; the explanation offered by the Inspector is accepted.

The Magistrates of the districts specified above will take steps to ensure strict adherence to the rules regarding inspections on the part of their subordinates.

4. Other points in connection with the reports which call for notice are the following :—

(1) *Bellary.*—The Deputy Magistrate, Bellary, reports that he saw the file of certificates relating to children in the Spinning and Weaving Mill, but in the form attached to his letter he reports that the file is not maintained.

(2) *Vizagapatam.*—The General Duty Deputy Magistrate, Vizianagrum, has not submitted his report in the form prescribed in the review on the reports for 1890, and has failed to specify the number of operations in the Chittaválsa Gunny Factory.

(3) *Coimbatore.*—It appears that in the inspection of the Spinning and Weaving Mills, Coimbatore, which took place on the 13th March, only 16 children were mustered out of 259 at work, and that in the inspection of the 16th June, only 20 were mustered out of 299. This should be explained.

In the report on this same factory it is observed that the *maximum* number of employés on any day during the year is shown as 569, while the number of persons employed at the end of the year appears as 607; this discrepancy should also be explained.

(4) *Godávari.*—In his proceedings of the 22nd March 1892, the District Magistrate, Godávari, remarks that Register E relates to women, and not to children, and that the notice required by section 10 of the Act refers both to women and children; the District Magistrate has not observed that the amending Act XI of 1891 and the revised rules did not come into force during the year under report.

(5) *Kistna.*—No particulars have been given as to the *maximum* number of employés in the Government Workshop, Bezváda.

5. Several of the Inspectors have given full details of each of the accidents that occurred during the year; this, however, is unnecessary; detailed descriptions should be confined to really serious accidents.

6. There has been considerable delay in submitting many of these returns. The delay exceeded one month in the case of the reports from the Inspector of Railway Workshops and the District Magistrate of Trichinopoly, the blank return from the latter officer not having been received until the 14th May. The blank returns from the following districts were also received after the 31st March, *viz.*, Anantapur, Madura, Nellore and North Arcot. In all, eleven returns out of twenty-three were received late; this is unsatisfactory and should not occur again. There is no excuse for failure to send up a blank return in time.

(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.
Editors' Table.

Exd. A. Raitt.

APPENDIX.

No.	Situation.		Name of factory.	Number of hands employed at the end of 1891.			Number of Accidents.	Machinery whether fenced or not.	Ventilation and sanitation.	Remarks.
	District.	Town or village.		Men.	Women.	Children.				
1	South Arcot.	Nellikuppam ..	Messrs. Parry and Co.'s Sugar Manufactory, Refinery and Distillery.	674	51	..	5	Fenced ..	Ventilation good and sanitation fair.	
2	Do. ..	Tiruvannanallúr.	Messrs. Parry and Co.'s Sugar Factory	.. *	.. *	.. *	.. *	Properly fenced.	Sanitation bad ..	* Figures to show the number of hands employed are not available.
3	Bellary ..	Bellary ..	The Bellary Spinning and Weaving Mill ..	385	92	40	3	Fenced	Good.	
4	Do. ..	Do. ..	Messrs. Dymes and Co.'s Cotton Press	46	101	..	2	Do.	Do.	
5	Do. ..	Do. ..	The Bellary Arsenal	251	..	..	..	Do.	Do.	
6	Do. ..	Adóni	Messrs. Dymes and Co.'s Cotton Press	24	64	..	..	Not fenced, but secure enough.	Do.	
7	Coimbatore ..	Coimbatore ..	The Spinning and Weaving Company	438	122	47	1	Fenced	Do.	
8	Ganjam ..	Aska	Aska Sugar Factory	464	2	..	2	Securely fenced.	Clean and well ventilated.	
9	Godávari ..	Dowlaishweram.	Government Workshop	143	2	..	2	Fenced	Good.	
10	Kistna ..	Bezváda ..	Government Workshop	288	..	4	..	Do.	Do.	
11	Madras ..	Madras ..	Gun Carriage Factory	1,167	2	..	..	Yes	Do.	
12	Do. .	Do. ..	Southern India Spinning and Weaving Mill ..	834	19	..	4	Do.	Do.	
13	Do. ..	Do. ..	Harbour Works	610	47	..	7	Do.	Do.	
14	Do. ..	Do. ..	Napier Works	192	..	..	1	Do.	Do.	
15	Do. ..	Do. ..	Public Works Workshops	338	2	..	9	Do.	Do.	
16	Do. ..	Do. ..	Madras United Spinning and Weaving Mills ..	644	41	26	7	Do.	Do.	
17	Do. ..	Do. ..	Buckingham Mill	1,014	71	240	7	Do.	Do.	
18	Do. ..	Do. ..	Carnatic Mill	1,465	30	89	14	Do.	Do.	
19	Do. ..	Do. ..	Cement Works	231	128	..	..	Do.	Do.	
20	Do. ..	Do. ..	Bee Hive Foundry	146	..	..	..	Do.	Do.	
21	Do. ..	Do. ..	Messrs. Simpson and Co.	300	..	23	..	Do.	Do.	
22	Do. ..	Do. ..	Paddy grinding, cleaning and oil Manufactory..	167	4	..	2	Do.	Do.	
23	Do. ..	Perambúr ..	Madras Railway Workshops	2,993	..	..	7	Sufficiently fenced	Do.	
24	Malabar ..	Pannianker ..	Malabar Spinning and Weaving Company ..	467	39	60	9	Properly fenced.	Do.	
25	Nílgiris ..	Ootacamund ..	Murree Brewery Company..	50	5	..	..	Yes	Do.	
26	Tanjore ..	Negapatam ..	S.I.R. Locomotive and Carriage Shops	2,362	..	..	8	Sufficiently fenced	Do.	
27	Tinnevelly ..	Tuticorin ..	Coral Mills Company	460	218	118	..	Yes	Do.	
28	Do. ..	Do. ..	Tuticorin Cotton Press Company	91	16	..	..	Do.	Do.	
29	Do. ..	Do. ..	Sugar Factory	143	4	..	..	Do.	Do.	
30	Do. ..	Pápanásam ..	Cotton-spinning Factory	384	126	80	..	Do.	Good, except that the ground near the latrine might be kept cleaner.	
31	Trichinopoly.	Trichinopoly ..	S.I.R. Engineering Workshops	685	..	..	2	Sufficiently fenced	Good.	
32	Vizagapatam.	Chittiválsa ..	Messrs. Arbuthnot and Co.'s Gunny Factory ..	.. †	.. †	.. †	1	Properly fenced.	Fair	† Number not given in Inspector's report.
			Total ..	17,456	1,186	727	93			

Total men	17,456
,, women ..	1,186
,, children ..	727
Total employés ..	19,369

Govt. of {1892} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 8th June 1892, No. 1077.

JUNE.

Indian Factories Act.

Reviewing the reports on the working of the — in this Presidency during the year 1891.

With order.

No. 1836 W dt/20 June 1892

Communicated to the offices concerned.

/sd/ J.P.
W.

S. Exs I, II & IV Circles
C.E. for Rys.

No. 1376 W dt/2-5-92
1577 Cd/25-3-92

Government of Madras.

1892.

P. W. DEPARTMENT.

CURRENT No. 6149

From Supdg Engineer
II Circle

ENCLOS—

No. 666 Rs.
Dated 9-6-92
Received 13—"—

SUBJECT.

Communicating letter from the Exc: Engineer Kistna Eastern Dn stating that the service books referred to in the Deputy Examiner's Inspection Notes of Kistna Eastern Division are since been opened

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DISPOSAL.

No. 3008C dated 14th June 1892

To
C

For perusal and favour of return.

/sd/ O.V.B
DR

D
6 14/