Public Works Department.

Government {1897} of Madras.

REVENUE.

Recd. } 1897. Enclosures

Regd. } Spare copies

G.O., No. 656, 30th July 1897.

No. 2294 W dy 20-8-97
Communicated to officers
concerned in continuation of
G.O. No. 2035 W dy 27 July 97.
1/8/97 D-Rec
W

JULY.

To The S. & I circle
— do — III circle.

Relief Works.

Recording Board's Proceedings drawing the attention of Collectors of affected districts to G.O., No. 962, Revenue, dated 14th October 1891, regarding the supervision of —, and requesting them to issue instructions to their subordinates to follow the directions therein laid down.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 22nd July 1897, No. 523 :—

Read—G.O., No. 526, Revenue, dated 3rd July 1897.

Resolution—dated 22nd July 1897, No. 523.

The attention of Collectors is drawn to G.O., No. 962, Revenue, dated 14th October 1891, and they are requested to issue instructions to their subordinates to follow the directions therein laid down.

2. A recent incident in Cuddapah makes it necessary to point out that no officer below the rank of Divisional officers should be allowed to disturb coolies from their work for mustering. If any officer below that rank wants to see if muster-rolls are correct he should attend at the reading of the rolls. No Revenue officer below the rank of Collector should disturb more than one gang at a time from its work for inspection, &c.

(True Extract.)

(Signed) L. E. BUCKLEY,
Famine Secretary.

To all Collectors of affected districts.
Copy to Secretary to Government, Revenue Department.

ORDER—No. 656, Revenue, dated 30th July 1897.

Miscellaneous.

Recorded.

(True Extract.)

(Signed) G. STOKES,
Ag. Secretary to Government.

To the Board of Revenue (Revenue Settlement, Land Records and Agriculture).
„ the Public Works Department.

Exd. P. Sitharam.

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Public Works Department.

Government {1897} of Madras.

REVENUE.

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G.O., No. 656, 30th July 1897.

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The S.E. I circle
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To the Board of Revenue (Revenue Settlement, Land Records and Agriculture).
„ the Public Works Department.

Exd. P. Sitharam.

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Public Works (1897) Department.

G.O., No. 2294 W
20th
Dated August 1897

[Despatch Abstract.]

Supervision of Relief Works: Proc: Revenue Dept
reading Board's Ros: drawing the attention of Collectors of affected districts to G.O. No 962 Revenue 14 October 1891 regarding the — and requesting them issue instructions to their subordinates to follow directions therein laid down, Copies to the Offices Concerned.

J.C
20/8

W. 25.
—30-11-96.

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Public works (1897) department

Current Number: 7971.

Government {1897} of Madras.

REVENUE.

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No. 2294 W. dt/20-8-97

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JULY.

14/8/97

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Relief Works.

Recording Board's Proceedings drawing the attention of Collectors of affected districts to G.O., No. 962, Revenue, dated 14th October 1891, regarding the supervision of —, and requesting them to issue instructions to their subordinates to follow the directions therein laid down.

2/8/97

O.L.S. 379
R. 618

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

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(True Extract.)

(Signed) L. E. BUCKLEY,
Famine Secretary.

To all Collectors of affected districts.
Copy to Secretary to Government, Revenue Department.

Order—No. 656, Revenue, dated 30th July 1897.

Miscellaneous.

Recorded.

(True Extract.)

for Ag. Secretary to Government.

To the Board of Revenue (Revenue Settlement, Land Records and Agriculture).
„ the Public Works Department.

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Public Works Department.

Government {1897} of Madras.

JUDICIAL.

Recd. } 1897. Enclosures

Regd. } Spare copies

G.O., No. 945, 3rd July 1897.

No. 2296 W. Dt. 20-8-97
communicated to officers concerned.

JULY.

Sd D-M-S.
W

To The S. Engrs I. II & V Circles
" C.E. for Roys
" Ch. Insp. H.F.B.Ds

Indian Factories Act.

Reviewing reports on the working of the — in the Madras Presidency during 1896.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From K. C. MANAVEDAN RAJA, Esq., Acting District Magistrate, Anantapur, to the Chief Secretary to Government, dated 2nd April 1897, Dis. No. 215.

I have the honour to submit my report for the year 1896 on the working of the Indian Factories Act XV of 1881 as amended by Act XI of 1891, together with the usual statements to accompany it.

2. *Number of factories.*—There were three factories in the district as in the previous year, all belonging to the Gooty division. Their names are noted below:—

(1) Volkart's United Press Company (Limited), Guntakal,
(2) Arbuthnot & Co.'s Press, Timmancherla, and
(3) Binny & Co.'s Press, Tadpatri.

Rao Bahadur Sabhapathy Mudaliar's Press at Tadpatri was not brought to the register, as the daily number of persons employed on working days was less than 50.

3. *Inspections.*—The factories were inspected thrice by the non-medical Inspector and the Medical Inspector, except in the case of Messrs. Arbuthnot & Co.'s Press which was inspected but twice by the latter officer, whose attention has been drawn to the rules on the point.

4. *Sanitary condition.*—The sanitary arrangements were good in all the factories, which are well ventilated. Water-supply was abundant and latrine accommodation duly provided for.

5. *Health of the operatives.*—The general health of the operatives was good and there was no complaint of overwork.

6. *Wages.*—The wages ranged from 3 to 12 annas in the case of men, from 2 to $3\frac{1}{2}$ annas in the case of women, and from $1\frac{1}{2}$ to $2\frac{1}{2}$ annas in the case of boys and girls.

7. *Employment of children and certifying surgeons.*—Children were employed only in one of the presses, viz., Volkart's United Press, Guntakal. They were employed in picking up loose cotton in the compound. The District Medical and Sanitary Officer was asked to state if he had any objection to the appointment of the medical officer in charge of the dispensary at Gooty as certifying Surgeon for the factories at Guntakal. He objected to the proposal and stated that he would undertake the duty himself when on tour, as otherwise it would entail the absence of the medical officer from Gooty, who has already to close the hospital on several occasions when he is required to give evidence on sessions cases. In the factories at Tadpatri children are not employed. There was therefore no necessity of appointing certifying Surgeons under section 5 of the Act.

8. There were no prosecutions under the Act, nor were there any accidents during the year.

9. An allowance of Rs. 160 was drawn by the District Medical and Sanitary Officer during the year.

10. Copy of the report received from the Sub-Divisional Magistrate, Gooty, is also enclosed.

APPENDIX.

1	2	3	Number of persons at work on date of inspection.			5	6	7	8	9	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.																		14
																			Under section 15 (1) of Factories Act, clauses										Total (a) to (i).	Under section 15 (2) of the Factories Act.	Total number of persons convicted.	Remarks.
Name of factory.	Name of Resident Manager.	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) 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.	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
Volkart's United Press, Company, Guntakal	Mr. J. C. Read.	25th Mar. 1896.	..	..	..	..	Registers C, D and E are kept.	Yes. Except Telugu copy of the rules.	Yes ..	Good.	..	..	..	..	..	..	262	62	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		7th July 1896.	..	..	..	..	Do.	Do.	Do. ..	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		26th Aug. 1896.	66	165	34	..	Do.	Do.	Do. ..	Do.	..	..	..	7	..	..	144	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		26th Mar. 1896.	..	..	..	..	Register E kept. The rest were not kept as no children were employed.	Do.	Do. ..	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Messrs. Arbuthnot & Co.'s Press, Timmancherla.	Mr. W. C. A. Pritt.	8th July 1896.	..	..	..	..	Do.	Do.	Do. ..	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		26th Aug. 1896.	74	76	..	..	Do.	(1) and (2) not put up; (3) hung up in a conspicuous place.	Do. ..	Do.	..	..	..	..	..	..	93	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		10th Mar. 1896.	..	..	..	..	Do.	Yes.	Do. ..	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Messrs. Binny & Co.'s Press, Tadpatri.	Mr. G. S. Roze.	15th June 1896.	..	..	..	..	Do.	Do.	Do. ..	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		7th Oct. 1896.	37	46	..	..	Do.	Do.	Do. ..	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

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.						Whether factory is worked mainly (1) by shift or (2) by midday stoppage or otherwise.	Whether a general holiday is ordinarily given (1) on Sunday or varying week days or (3) whether factory exempted under section 5-B (2) (c).	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	Volkart United Press Company (Limited), Guntakal.	Cotton-pressing.	Steam Engine.	36 horse-power.	70	178	248	15	19	34	282	By shifts ..	There is, as a rule, a general holiday on Sunday, but varying as contingencies arise.	..	..	..	..	3	..	3	..	6	*Abstract.* Total number of factories. 3 Cotton presses .. 3 Number of factories inspected thrice during the year .. 3
2	Messrs. Arbuthnot & Co.'s Press, Timmanchcherla.	Do.	Do.	35 horse-power.	57	68	125	..	..	..	125	Midday stoppages.	Do.	..	..	..	..	3	..	2	..	5	
3	Messrs. Binny & Co.'s Press, Tadpatri.	Do.	Do.	20 horse-power.	30	48	78	..	..	..	78	Do.	Do.	..	..	..	..	3	..	3	..	6	

From A. E. CASTLESTUART STUART, Esq., I.C.S., F.G.S., F.L.S, F.R.G.S., District Magistrate of South Arcot, to the Chief Secretary to Government, dated Vikravándi, 17th April 1897, No. 46-Per.

I have the honour to submit my report on the working of the Indian Factories Act, 1881, in this district during the year 1896, with the usual statements.

2. Besides the railway factory at Cuddalore, known as the "Locomotive carriage shop," two factories, belonging to Messrs. Parry & Co., Madras, came within the scope of the Act in South Arcot, viz., one at Tiruvannanallúr in the Tirukkóyilúr taluk and the other at Nellikuppam in the Cuddalore taluk. The former was worked for $9\frac{1}{2}$ months during the year, and the latter throughout the year.

3. *Tiruvannanallúr Factory.*—This factory was inspected the required number of times by the District Medical and Sanitary officer and by the local Inspector, viz., the Deputy Magistrate of Tirukkóyilúr. The physical condition of the operatives is reported to have been satisfactory. No fatal nor serious accidents occurred—those which occurred are stated to have been of a trivial nature and due to carelessness on the part of the operatives. There were no prosecutions under the Act. The sanitary condition of the factory is reported to have been good. No children were employed. Proper measures to supply the operatives with water were adopted. The defects noticed by the Inspector in the fencing of part of the machinery were duly remedied. Only Register E is said to have been maintained. The Inspector has been instructed to see that registers in Forms C and D are maintained as required by Rule 16 of the Factory Rules.

4. *Nellikuppam Factory.*—This factory was inspected the required number of times by the District Medical and Sanitary officer, but only twice by the local Inspector. This is reported to be due to the fact that for some part of the year there was no First-class Magistrate in charge of the taluk. The general health of the operatives is reported to have been satisfactory and no children were returned as having been employed in the factory. Registers C and D are reported not to have been opened. The Inspector has been instructed to see that these are maintained as required by Rule 16, and that file of certificates in B form is kept. The wages of the operatives is said to compare favourably with the rate earned by common labourers. The general health of the employés was satisfactory. The drinking-water supply is reported to be sufficient, but the local Inspector considers that it would be more convenient if standpipes were located in various parts of the factory. The dirty channel water is drunk by some of the operatives. The defects previously noticed in respect to fencing the fly-wheels of the donkey pump and to protecting the wooden platform over a well have been remedied. As regards latrine accommodation, the local Inspector considers that the present arrangements are unsatisfactory. I agree with him but consider that, provided the fæcal matter is removed as soon as it is deposited and placed in a suitable conveyance which might be taken away two or three times a day, the present tatty erections need not be disturbed. This would necessitate the constant attendance of two scavengers—one for the latrine for males and the other for the latrine for females. The condition of the latrines in the present intervals of cleansing is ineffably filthy. The stationing of scavengers outside each latrine would, moreover, prevent the approaches being used for purposes of nature. There were no prosecutions under the Act during the year under report. As regards *accidents*, the local Inspector writes:—"There occurred nine accidents during the year, of which one proved fatal. This was caused by the man accidentally slipping into a hot-mash tun while emptying flour into it. Of the rest, three were serious, the injury being the scalding of the body by falling into the boiler in one case and fracture of the limbs in the other two cases, and the remaining are trivial in nature, being bruises and slight scaldings. All cases were immediately sent to the hospital for treatment." The Inspector furnishes a list of accidents reported in this factory during the previous five years, which is as follows:—

Year.	Accident.			Total.
	Fatal.	Serious.	Minor.	
1891	2	2	1	5
1892	..	3	5	8
1893	..	2	10	12
1894	1	4	12	17
1895	..	..	11	11

He proceeds: "I regret to have to state that the agent does not report all the accidents that take place" and, in support of his statements, submits proof positive of the fact. He also points out that "once before a similar omission was brought to notice and the management warned (paragraph 9, G.O., No. 982, Judicial, dated 9th June 1890). The papers on the subject are being separately submitted for the information of Government (*vide* my letter No. 284–Dis.—Mag., dated 17th April 1897). In conclusion, the Inspector explains his omission to fill up columns 11 and 12 of his appendix by the fact that Messrs. Parry & Co.'s agent, Mr. F. N. G. Gill, declined to furnish the Inspector with the information necessary to enable him to fill in columns 13 and 14 of Form A which the Inspector is required by the rules to maintain. All the papers connected with this subject were submitted to Government with my letter No. 249-Mag., dated 4th April 1897, to which I beg that reference may be made.

5. The inspection fees disbursed to the medical officer amounted to Rs. 240 for the six inspections of the two factories above mentioned and Rs. 15 for the inspection of the railway factory.

6. I regret the short delay which has occurred in the submission of this report, but I have been busy in camp with jamabandi and the references to the local Inspector were unavoidable.

FORM No. I.

STATEMENT to accompany Annual Report on the working of the Factory 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 number of columns 8 and 11.	Whether factory is worked (1) mainly by shifts, or (2) by midday stoppage, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, (2) on varying week days, (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.						Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspector of Factories.	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	24
1	Sugar factory at Tiruvennanallur.	Sugar manufacture.	Worked by steam	6 horse power ..	231	24	255	..	..	..	861	Midday stoppage and shift system in force. Shift system— For adult males between 7 A.M. and 1 P.M., also between 7 P.M. and 1 A.M. Worked by both shifts and stoppages. Shift 6 hours on and 6 hours off. Stoppages 2 hours, noon to 2 P.M.	Work is carried on on Sundays also but a day's rest is allowed once a week.	..	7	7	3	..	2	..	3	5	Only one sugar factory and distillery. Inspected five times twice by the Magistrates and three times by the Medical officer.
	Sugar factory and distillery, Nellikuppam.	Manufacturing sugar and arrack.	Steam engine.	10 to 156 horse power. There are large numbers of boilers capable of producing 8 to 900 horse power. Most of these is for evaporation and not to furnish motive power.	797	64	861	..	..	..			A holiday on varying days.	1	3	5	9	2	..	..	..	5	

APPENDIX.

I.—*By the Assistant Magistrate, Cuddalore Division.*

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 conspicuous places.	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 (a) to (i).	Under section 15 (2) of the Factories Act.	Total number of persons convicted.	14 Remarks.
Messrs. Parry & Co.'s Sugar Factory and Distillery, Nellikuppam.	D. Ramiah Naidu—Sugar Factory. T. Ramasami Mudaliar—Distillery.	30th June 1896.	799	36	..	..	Registers C and D are not opened as no children are employed in the factory. B file certificates are not maintained. There were 22 hands employed in the smithy who were reported to be boys; but as they all appear to be above the age limit prescribed under the Act, it is a misnomer to call them children. In Register E, column 7 does not give the hours of opening and closing work on each day. How this is to be done was explained to the managers.	*Form F.*—For women there are no shifts. The hours of work are noted thus: 7 A.M. to 12 noon, 2 P.M. to 6 P.M., making up 9 hours on the whole. No woman is thus employed for more than 11 hours and each woman gets an interval of two hours for rest. One serious defect noticed was that, although there are four shifts for the men—each man working two alternate shifts—, this arrangement was not noted in the Form F at all. The shifts noted are 8 A.M. to 2 P.M. and 2 P.M. to 7-30 P.M., making up 11½ hours, but there are two other shifts, viz., 7-30 P.M. to 1-30 A.M. and 1-30 A.M. to 8 A.M., making up 12½ hours. This has not been noted in the F Registers.	The shafts and the wheels are properly fenced. A wooden platform over a well is in a particularly dangerous condition, the rails having disappeared. The floor is of planks in the upper story and is rendered very slippery by the treacle. The fly wheels of the donkey pumps in the distillery are not fenced.	Water-supply said to be sufficient. I would suggest that, instead of compelling all the hands to go to one particular place for drinking water, it would be better to provide half-a-dozen stand pipes in different parts of the factory. Owing to the distance some of the women near the cane shed were drinking water from the irrigation channel. The male latrine is built on sanitary principles. It is kept very unclean. Some Horbury latrines would be more suitable. In the distillery and the sugar factory, particularly where the bones are cleaned, the stink is really sickening, but this is an unavoidable evil.	Good.	..	Good.	*Nil.*														So far as I can see no precautions against fire are taken. On my entering the factory, the chief clerk observed that his superior was expected at 10 A.M. and that it is usual to give previous intimation of inspection. On my pointing out that I was entitled to enter upon the premises and inspect at any time and without notice, the inspection was allowed to proceed. (Signed) T. VARADA ROW, *Asst. Magistrate.* *30th Jany.* 1896.

II.—*By the Head-quarter Deputy Magistrate, Cuddalore Division.*

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 conspicuous places.	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 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.	14 Remarks.
Messrs. Parry & Co.'s Sugar Factory and Distillery, Nellikuppam.	D. Ramiah Naidu—Sugar Factory. T. Ramasami Mudaliar—Distillery.	15th December 1896.	748	50	..	*Nil.* There were three boys and five girls, but they are reported to be employed by the bricklayers and are not factory hands.	Registers C and D are not maintained as there are no children. File of the certificates in B form not kept.	They are put up on a conspicuous place of the office verandah, but not in the factory itself.	Yes. The defects under this head previously noted have been remedied.	There is a sufficiency of water in the factory, but no stand pipes or special arrangements for the convenience of the men. The coolies whom I questioned say they take water from the channel which supplies the factory. Mr. Gill explains that the men will not drink well-water from the pipes as long as channel-water is available.	Good.	..	Good.	The Agent declines to furnish the figures. The matter is in correspondence. The information will be supplied when received.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	The bag washing machine shed, which is apparently not in use, is considerably out of repair. The stagnant waters caught in the hollows of the floor were emitting a bad smell at the time of my inspection. 2. The jaggery melting blow-up platform should be fenced in at the spot pointed out to the managers. The hole in the floor-bone filtering floor should be repaired. 3. Some use should be found for the cast-iron pan that I pointed out to the managers or it should be inverted. As it stands at present, the rain is caught in it and is allowed to stagnate and emit a bad smell. 4. The clutch may, with advantage, be fenced in. 5. The gunnies are allowed to be in the troughs moulding. (Signed) J. R. COOMBES, *Deputy Magistrate.*

APPENDIX—*cont.*

1 Name of factory.	2 Name of Resident Manager.	3 Date of inspection.	4 Number of persons at work on date of inspection: Men.	Women.	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 conspicuous places.	8 Whether machinery is properly fenced or not.	9 State of water-supply, ventilation, sanitation and accommodation.	10 Physical condition of: Women.	Children.	Operatives generally.	11 Number of persons employed at the end of the year: Men.	Women.	Children.	12 Maximum number of hands employed on any day during the year: Adults.	Children.	13 Number of persons convicted during the year in respect of the factory named in column 1: Under section 15 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.	14 Remarks.
III.—District Medical and Sanitary Officer, South Arcot.																																	
Nellikuppam.	Mr. F. N. G. Gill.	30th March 1896.	801	107	None.	None.	E only; others are applicable to children.	(1) is posted in office. (2) Do. (3) Do.	Yes	Good and sufficient.	Good.	:	Good.																				The machinery and mill-gearing are properly fenced. The water-supply is sufficient and suitable. The factory is properly ventilated. The sanitary condition is generally satisfactory. The latrine accommodation is sufficient and suitable. There is no overcrowding in the factory. The provisions of the Factory Act generally are observed.
IV.—Acting District Medical and Sanitary Officer, South Arcot.																																	
Nellikuppam Sugar Factory and Distillery.	Mr. F. N. G. Gill.	7th August 1896.	710	40	None.	None.	E only kept; others are applicable to children.	Yes. Are put up in the office.	Yes	Good and sufficient.	Good.	:	Good.																				The latrine accommodation is sufficient and suitable. There is no overcrowding. The provisions of the Factory Act are generally observed.

CUDDALORE, 11*th August* 1896. (Signed) R. SUNDARAM, *Ag. Dist. Medl. and Sany. Officer.*

APPENDIX—*cont.*

1 Name of factory.	2 Name of Resident Manager.	3 Date of inspection.	4 Number of persons at work on date of inspection: Men.	Women.	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 conspicuous places.	8 Whether machinery is properly fenced or not.	9 State of water-supply, ventilation, sanitation and accommodation.	10 Physical condition of: Women.	Children.	Operatives generally.	11 Number of persons employed at the end of the year: Men.	Women.	Children.	12 Maximum number of hands employed on any day during the year: Adults.	Children.	13 Number of persons convicted during the year in respect of the factory named in column 1: Under section 15 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.	14 Remarks.
V.—District Medical and Sanitary Officer, South Arcot.																																	
Messrs. Parry & Co.'s Sugar Factory and Distillery.	Mr. F. N. G. Gill.	14th December 1896.	533 factory 29 distillery } Total 562.	46 factory.	None.	None.	No children. Only Register E is kept.	Notices (1), (2) and (3) are posted in a conspicuous place.	Yes.	Satisfactory.	Good.	*Nil.*	Good.	562.*	46.*	*Nil.*	806 men and 67 women.	*Nil.*	Information not available.														The machinery and mill-gearing are properly fenced. Good water is supplied; ventilation satisfactory; tatty latrines provided and cleared daily; all soil removed and fresh soil put in. No overcrowding. The provisions of the Factory Act generally are observed.

CUDDALORE, 15*th December* 1896. (Signed) J. C. MARSDEN, Surgn.-Major, *Dist. Medl. and Sany. Officer, South Arcot.*

* On the 14th December.

APPENDIX—*cont.*

1	2	3	4			5	6	7	8	9	10			11			12			13										14
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 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.
																					Under section 15 of the Factories Act, clauses								Under section 15 (2) of the Factories Act.	Total number of persons convicted.	
			Men.	Women.	Children.						Operatives generally.	Children.	Women.	Men.	Children.	Women.	Adults.	Children.	305 — 275 males and 30 females.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total (a) to (i).		
Tiruvennanallur Sugar Factory.	J. R. Morris, Esq., Agent, Messrs. Parry & Co.	28th Nov. 1896.	275	30	...	...	Register E alone maintained.	Yes	Yes. Except the eastern fugal engine which fencing on two sides in lieu of the single bars.	Good in general ..	Good.	Nil.	Good.	86	30	...	305	...	Nil.	Nil.											
		10th Nov. 1896.	198	20	...	...	Do. do.	Do.	Yes. The eastern centrifugal since properly fenced on all sides.	Good	Good.	Nil.	Good.	86	30	...	305	...	Nil.	Nil.											
		27th Aug. 1896.	198	20	...	...	Do. do.	Do.	Yes	Good. Good-water in two draw-wells.	Good.	Nil.	Good.	86	30	...	305	...	Nil.	Nil.											
		28th Nov. 1896.	24	15	...	...	Do. do.	Do.	Yes	Good. Good-water in two draw-wells.	Good.	Nil.	Good.	86	30	...	305	...	Nil.	Nil.											

(Signed) A. E. CASTLESTUART STUART,
District Magistrate.

19th April 1897.

From H. A. STUART, Esq., Acting District Magistrate of Bellary, to the Chief Secretary to Government, dated 10th April 1897, Dis. No. 315-M.

I have the honour to submit my report on the working of the factories in the district during 1896.

2. There has been no change in the number of factories of the district nor in their situation. To facilitate reference they are noted in the margin. Of the seven factories, the last three in Adóni worked for less than four months in the year and do not come within the purview of the report. Of the remaining four, the Bellary Mill and the Arsenal were at work throughout the year, while the Dymes & Co.'s Cotton Presses at Bellary and Adóni worked for only 195 days in the year. The general slack working of the factories, most of which are employed in cotton-pressing, seems to be due to the adverse season and the failure of the cotton crop almost throughout India.

Bellary.

1. The Bellary Arsenal.
2. Messrs. Madam Seshanna's Cotton Spinning and Weaving Mill.
3. Dymes & Co.'s Cotton Press.

Adóni.

4. Dymes & Co.'s Cotton Press.
5. The City People Press.
6. The Sabhapathy Press.
7. Ramibilla's Press.

3. *Inspections.*—Unlike the previous year, all the factories which worked for more than four months in the year, except the Dymes & Co.'s Press at Bellary, seem to have been adequately inspected during the year by the Divisional Magistrates and Medical Officers.

The present Divisional Officer of Bellary joined the division in the beginning of the second quarter and inspected the mill thrice and the arsenal twice. The Magistrate explains that when he addressed the officer in charge of the arsenal to allow him to inspect it for a third time in December, he was informed that the arsenal was closed and would not be open till the 4th January. The Dymes & Co.'s Press at Bellary was not inspected by the Magistrate at all, and it is explained that, on three occasions in March, October and November when the Magistrate went to the factory for inspection, it was found to have been closed. The Divisional Officer should have taken steps to inspect the factory while it was working, and I have called his attention to this fact. The factory in question was, however, inspected by the Medical Officer twice in the months of March and July 1896.

The Bellary Mill and the Arsenal would also appear to have been inspected by the late Deputy Collector M.R.Ry. C. Ramasesha Iyer Avargal, but he has left no notes on the subject.

The Dymes & Co.'s Factory at Adóni was inspected twice by the Divisional Officer.

4. *Sanitation.*—All the factories are reported to have been clean and well ventilated. A new latrine was attached to the Dymes' Press at Adóni. Water-supply was sufficient, and their sanitary arrangements would appear to have been good.

5. *Condition of the labourers.*—The majority of the working men are adults. In the Dymes' Press at Adóni there were no children at all and the certifying Surgeon had practically no work. The cooly ranged from 3 to 6 annas for a male and 2 to 4 for a female. All the labourers looked robust and healthy. They were duly allowed holidays. They therefore seem to prefer this kind of labour to agricultural labour.

6. There was only one accident during the year which proved fatal.

7. No prosecutions were instituted under the Act.

8. The District Medical and Sanitary Officer has been addressed to intimate the amounts drawn by him for inspection and to send his notes of inspection. The amount will be intimated on receipt of the intimation.

9. I regret a week's delay in sending this report. It is due to want of receipt of information from the District Medical and Sanitary Officer to whom two reminders were sent and partly to mistakes in the statements sent by Sub-Divisional Magistrates.

Form I.

Serial number.	Name and locality of the Factory.	Name 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 Sunday, 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 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	14	15	16	17	18	19	20	21	22	23	24
1	Bellary Medam Séshanna Cotton Manufacturing Company.	Ginning, cotton spinning and weaving.	Steam-engine.	350 to 400 horse power.	240	70	310	65	25	90	400	By midday stoppages.	Weekly holidays on Friday.	1	..	..	1	3	..	2	..	5	
2	Bellary Arsenal ..	Ordnance works.	..	..	202	..	202	29	..	29	231	From 7-30 to 9-30 A.M. From 10-30 A.M. to 4 P.M.	Sundays authorized. Government holidays and every 3rd Saturday in the month.	..	..	..	..	2	..	2	1	5	
3	Messrs. Dymes & Co.'s Cotton Press, Bellary.	Pressing cotton.	Steam-engine.	25-horse power.	40	50	90	..	..	..	90	By midday stoppages.	Sundays ..	..	..	..	..	..	..	2	..	2	
4	Messrs. Dymes & Co.'s Cotton Press, Adóni.	Do.	Do.	60-horse power nominal.	78	93	171	..	..	..	171	Otherwise.	A holiday is given in every week generally on Sundays.	..	..	..	..	2	..	3	..	5	
5	The Sabhapathy Press, Adóni.	..	Worked less than four months.																				
6	Rambilla's Sowcar's Press, Adóni.																						
7	The City People's Press, Adóni.																						

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. Males.	Females.	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)	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
Medam Séshanna Cotton Manufacturing Company.	Mr. Tulsidas Morsi.	3rd July 1896.	247	81	75	49	26	Kept ..	Kept in conspicuous place.	Yes	Good.	Good.			320	100	103	420	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Do.	Do.	16th Aug. 1896.	274	93	113	80	33	Do. ..	Do.	Do.	Do.	Do.			320	100	108	420	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Do.	Do.	20th Dec. 1896.	297	99	104	73	31	Do. ..	Do.	Do.	Do.	Do.			320	100	108	420	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Bellary Arsenal.	Captain F. Temple, Col., R.A., Ordnance Officer.	24th Mar. 1896.	117	..	13	13	..	No ..	No ..	Do.	Do.	Do.			202	..	29	202	29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Do.	Do.	3rd Sept. 1896.	144	..	31	31	..	No. ..	No ..	No	Do.	Do.			202	..	29	202	29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Messrs. Dymes & Co.'s Cotton Press, Adóni.	R. Hunter, Esq.	29th Apr. 1896.	9	..	..	..	..	..	All kept very well but the notices require renewal.	Not fenced, but not accessible.	All good.	..	..	..	53	90	..	220	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			On 28th the following were at work. 57	45																															
Do.	Do.	19th July 1896.	45	113	..	..	..	..	Do.	Do. ..	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

APPENDIX—*cont.*

1	2	3	4			5		6	7	8	9	10			11			12		13										14
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.									Remarks.
			Men.	Women.	Children.	Males.	Females.					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.	
																				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)			
Messrs. Dymes & Co., Cotton Press, Adoni.	R. Hunter, Esq.	28th Sept. 1896.	62	142	..	..	..	C, D and file of certificates not applicable, no children being employed. Form E not produced.	Form F maintained. A copy of the rules produced, but it is not corrected up to date as it does not contain rule 8-A and rule 7 does not tally with the printed rule 7. Notice required under section 10 not put up.	Machinery is in a separate enclosure and not accessible.	Satisfactory.	Good.																			
Do.	Do.	27th Nov. 1896.	46	146	..	..	..	Do.	....	Not fenced, but not accessible.	All good.																			
Do.	Do.	29th Dec. 1896.	Press not at work.					C, D and file of certificates not applicable, no children being employed. Form E not produced.	Form F maintained. A copy of the rules produced, but it is not corrected up to date as it does not contain rule 8-A and rule 7 does not tally with the printed rule 7. Notice required under section 10 not put up.	Do.	Do.																			

From H. A. STUART, Esq., Acting District Magistrate of Bellary, to the Chief Secretary to Government, dated 28th April 1897, Dis. No. 345 M.

In continuation of this office letter, Dis. No. 315 M., dated 10th instant, I have the honour the submit that an allowance of Rs. 295 was drawn by the Medical Inspector of Factories during the year 1896.

From W. H. WELSH, Esq., District Magistrate of South Canara, to the Chief Secretary to Government, dated Mangalore, 13th March 1897, Dis. No. 339–Eng.

I have the honour to forward herewith the report, with its enclosures, submitted by the Head Assistant Magistrate on the working of the only registered factory in this district during the year 1896.

2. The factory was inspected thrice by the Sub-divisional Magistrate and once by the District Medical and Sanitary Officer who drew an allowance of Rs. 20. The latter officer should have inspected the factory thrice according to rule, but he explains that this was not practicable in consequence of frequent changes of officers during the year. His attention has again been specially drawn to the matter.

3. Factories at Mangalore have not yet been registered, apparently because the number of persons employed in using steam or other mechanical power was less than the minimum of fifty prescribed by the Act. But in view of the wider construction put upon the term "factory" by Government in paragraph 4 (*b*) of G.O., No. 2568, Judicial, dated 19th December 1891, the Sub-divisional Magistrate of Mangalore has been requested to inspect the factories again and register such of them as may be found amenable to the provisions of the Act.

From M. E. COUCHMAN, Esq., Acting Head Assistant Magistrate of South Canara and Inspector of Factories, to the District Magistrate of South Canara, dated Belmannu, 3rd February 1897, Dis. No. 198.

I have the honour to submit my report on the Malpe Tile Factory in my division for the calendar year 1896 and to enclose the prescribed statements.

2. This factory belongs to the Basel Mission and is the only one in my division. There are about eleven similar factories in Mangalore, many of them much larger, but none of these appear to have yet been similarly registered.

3. *Inspection.*—The factory is open during the whole of the year, though very little work is done during the monsoon months, viz., June, July, August and September. During the year under report it was inspected by the Head Assistant (Sub-divisional) Magistrate three times, viz., by Mr. Robertson on the 10th March, by Sayed Mustafa Sahib Bahadur on 11th September, and by me on 2nd December, and once by the District Medical and Sanitary Officer on 4th August 1896. The particulars of the inspection made by the District Medical and Sanitary Officer are also embodied in the appendix as directed in G.O., No. 1075, Judicial, dated 26th June 1896, paragraph 2 (*d*).

4. *Sanitary condition and arrangements.*—The factory is situated close to the backwater between the shore and the sea. The building is well-ventilated and the sanitary condition of the premises is satisfactory. Latrines of cadjan overhanging the backwater have been provided separately for males and females. Two wells in the compound give constant supply of good-water. The majority of the employés work mostly in the open air or in an open shed. The pugmill and the presses are in a room where about fifty persons work. These have sufficient room and ventilation.

5. *Health of the operatives.*—The general health of the operatives—men, women and children is good. A majority of the people appear comparatively healthier than their neighbours working in the fields or in the fish yards.

6. *Employment of women and children.*—Women are employed from 7 A.M. to 5-30 P.M. and have an interval of one hour at noon. Children are employed for five

hours daily either in the forenoon or in the afternoon without an interval of time. All the children employed in 1896 had certificates from the certifying Surgeon. All Sundays and Christian holidays are observed.

7. The number of children found to have been at work at the inspections on 10th March and 11th September were mustered, and they were found above the limit age of nine years.

8. *Certifying Surgeon.*—The Medical officer in charge of the local fund hospital at Udipi is the certifying Surgeon appointed by Government for the factory. Sixteen certificates granted by him were received in the factory during the year 1896.

9. *Fencing of machinery and mill-gearing.*—The pugmill is worked by steam and the presses by hand. The machinery is sufficiently protected.

10. *Accidents.*—One accident was reported during the year. The accident occurred on 13th March to a man during his duty at the pugmill and is reported to have been caused by his own negligence. The injured person was an in-patient at the Udipi local fund hospital from 16th March to 22nd April 1896 and his injuries at the time of his admission into the hospital were such as to have permanently incapacitated him from doing manual labour. The particulars of the case will be seen from the civil apothecary's report, an extract of which is given below: —

"The man was admitted with a compound fracture of the right third metacarpal bone with severe contusion of the soft tissues. Sloughing of the parts soon set in and the parts took a long time in healing. As the hand had to be put up in splints for a considerable time, provation and supination could not be performed at the time of his discharge. It is nearly eight months since I saw him last, and I am not therefore in a position to say to what extent he is able to make use of the injured hand now."

11. *Prosecutions.*—During the year under report no prosecutions were instituted.

12. *Wages and the general condition of the operatives.*—Employment is limited as far as possible to converts of the Mission. Men earn from 3 to 6 annas per day, women from 2 to 2½ annas, boys and girls from 9 pies to 1 anna for five hours a day.

The general condition of the operatives appears to be better than that of the agricultural classes from among whom they came.

APPENDIX.

1	2	3	4			5	6	7	8	9	10		11			12		13										14
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.										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.	Men.	Women.	Children.	Adults.	Children.	Total (a) to (i).	(i)	(h)	(g)	(f)	(e)	(d)	(c)	(b)	(a)		
Basel Mission Tile Factory, Malpe, in Udipi Taluk.	Mr. Herman Bretschneider.	10th March 1896.	105	53	7	7	Registers properly kept.	Yes	Yes	Water-supply in two wells is good and ample; ventilation and accommodation good. Two latrines provided.	Good.	Good.	135	64	8	207	5	..	..	..	..	..	..	..	..	..	..	..	..	Inspected by District Medical and Sanitary Officer.
		4th August 1896.	100	28	..	..	Maintained.	Do.	Do.	Good	Good.	Good.																	
		11th September 1896.	107	46	1	1	Registers duly kept.	Do.	Do.	Water-supply good in both wells. Accommodation good; latrines provided. Good	Good.	Good.																	
		2nd December 1896.	121	67	3	..	All properly kept. E not written up for last fortnight.	Do.	Do.		Good.	Good.																	

Form I.

Statement to accompany Annual District Report on the working of Factories Act for 1896, 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 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 (b) 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.												
					6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Basel Mission Tile Factory, Malpe, in Udipi taluk.	Manufacture of tiles.	One steam engine.	Fourteen horse-power.	126	56	182	4	3	7	189	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.	..	1	..	1	3	..	1	..	4	

From H. BRADLEY, Esq., District Magistrate of Coimbatore, to the Chief Secretary to Government, dated Coimbatore, 7th April 1897, Ref. on Perdl. No. 33 (*a*) Mag.

I have the honour to submit my report on the working of the Indian Factories Act XV of 1881 as amended by Act XI of 1891 during the year 1896, together with statements (consolidated) received from the Sub-divisional Magistrates of Coimbatore and Polláchi with reference to paragraph 2 of G.O., No. 1315, Judicial, dated 22nd July 1892.

2. There are three factories in the district registered under the Act—

(1) The Coimbatore Spinning and Weaving Mill Company (Limited).
(2) The Coimbatore Sugar Manufacturing Company.
(3) The Tirupur Cotton Cleaning and Pressing Company.

3. Factory No. 1 was inspected thrice by the Deputy Magistrate and eight times by the District Medical and Sanitary Officer. I visited it personally five or six times. Factory No. 2 was inspected thrice by the Deputy Magistrate and twice by the District Medical and Sanitary Officer. I also visited it twice or three times. The Factory No. 3 was inspected thrice by the Head Assistant Magistrate and twice by the District Medical and Sanitary Officer, the result of whose inspection is not embodied in the statement submitted by the Head Assistant Magistrate. Particulars have been called for and will be submitted when received.

These factories have been working in the same manner as in previous years. The defects noticed by the Inspecting Officers in Factories Nos. 2 and 3 have been duly communicated to and rectified by the managers of the factories.

4. The ventilation and the sanitary arrangements in connection with the factories and the general health of the operatives are reported to have been satisfactory and the machinery has been properly fenced and protected.

5. In the Factory No. 1 a fatal accident occurred by which a man was smothered by loose cotton falling upon him in a room in which there was no machinery at all.

6. The maximum number of adults and children employed in any day during the year was 715 and 385 in Factory No. 1, 129 and 8 in Factory No. 2, and 83 and *nil* in Factory No. 3.

7. The wages paid to operatives compare favourably with those of farm labourers.

8. There were no prosecutions under the Act.

9. There were no cases of violations of the other provisions of the Act.

10. An allowance of Rs. 160 was drawn by the Medical Inspector during the year.

11. The delay in the submission of this report is due to the late receipt of the Joint Magistrate's report, a blank one.

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.							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 Sunday, 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 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	Coimbatore Spinning and Weaving Company (Limited), Coimbatore.	Cotton spinning.	Steam engine.	70 nominal horse-power.	491	163	654	324	6	330	984	By midday stoppages for male and female adults, and by shifts for half-timers.	The mill is closed on every Sunday throughout the year and also native feast days about 14 days.	(One) A man got smothered loose cotton falling on him.	..	..	1	* 3	..	8	..	11	Abstract. Number of factories 3- Cotton Spinning and Weaving Mill .. 1 Sugar Manufacturing Mill .. .. .. 1 Cotton Cleaning and Pressing Mill .. 1 Total .. 3 Number of mills inspected more than three times 3
2	Sugar Manufacturing Company (Limited), Pódanúr village, in Coimbatore taluk.	Sugar manufacturing.	Three engines. 12, 14 and 16 nominal horse-power.	Do. (42).	117	12	129	8	..	8	137	Yes, for men only. Factory is not now at work. Adults, males only. First set 12 noon to midnight; 1 hour rest, 7 to 8 P.M. Second set midnight to noon; 1 hour rest, 7 to 8 A.M Women non-shift hours 7 to 12 noon, 2 to 6 P.M. Children, males only. First set hours 7 to noon, second set hours 2 to 6 P.M.	Not exempted. No exemption necessary as every factory servant has one day off in three days immediately preceding or succeeding each Sunday.	..	..	..	..	* 3	..	2	..	5	This factory was also visited by His Excellency the Governor of Madras. This factory did not work since 6th August 1896, except during the period between 8th to 19th December 1896.
3	The Cotton Cleaning and Pressing Company of Messrs. Binny & Co., Madras, Tirupur.	Cotton Pressing.	Steam ..	45 horse-power.	31	52	83	..	..	..	83	Shift system or midday stopping not in force as no children are employed.	General holiday is given on Sunday. This factory is not exempted for Sunday work.	*Nil.*	*Nil.*	*Nil.*	*Nil.*	3	..	2	..	5	

* Excludes visits made by the District Magistrate.

APPENDIX.

1	2	3	4			5		6	7	8	9	10			11			12		13												14
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 factory mentioned in column 1.											Remarks.
																				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.	
			Men.	Women.	Children.	Males.	Females.					Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)				
Coimbatore Spinning and Weaving Company (Limited), Coimbatore.	A. T. Winn, Esq.	9th January 1896, District Medical and Sanitary Officer.	415	142	262	130	6	Yes ..	Yes ..	Properly fenced.	Good and sufficient.	Good.	Good.	Good.	429	142	263	715	385	*Nil.*												
		7th March 1896. District Medical and Sanitary Officer.	400	140	215	111	5	Do. ..	Do. ..			Do.	Do.	Do.																		
		31st March 1896. Deputy Magistrate Mr. J. G. Wood.	383	115	196	96	3	Do. ..	Do. ..			Do.	Do.	Do.																		
		23rd April 1896. District Medical and Sanitary Officer.	436	150	262	130	5	Do. ..	Do. ..			Do.	Do.	Do.																		
		27th May 1896. District Medical and Sanitary Officer.	461	144	337	162	1	Do. ..	Do. ..			Do.	Do.	Do.																		
		25th June 1896. District Medical and Sanitary Officer.	468	151	344	179	3	Do. ..	Do. ..			Do.	Do.	Do.																		
		6th August 1896. District Medical and Sanitary Officer.	504	172	382	192	4	Do. ..	Do. ..			Do.	Do.	Do.																		
		15th August 1896. Deputy Magistrate Mr. J. G. Wood.	540	175	385	192	3	Do. ..	Do. ..			Do.	Do.	Do.																		
		24th September 1896. District Medical and Sanitary Officer.	503	180	340	175	..	Do. ..	Do. ..			Do.	Do.	Do.																		
		29th October 1896, District Medical and Sanitary Officer.	522	184	322	162	1	Do. ..	Do. ..			Do.	Do.	Do.																		
		24th December 1896. Deputy Magistrate Mr. J. G. Wood.	540	178	337	173	..	Do. ..	Do. ..			Do.	Do.	Do.																		
Coimbatore Sugar Manufacturing Company (Limited), Podanúr.	R. Natesa Aiyar.	12th March 1896. District Medical and Sanitary Officer.	65	12	3	3	..	Registers C, D and E are kept.	Yes ..	Not completely: instructions to fence were given.	*Water-supply.*—Good. *Ventilation.*—Fair. *Sanitation.*—Faulty. *Latrine accommodation.*—Latrine accommodation must be improved and the latrine for males placed at a distance from that for females. Convert the two into one for males and place six latrines for females at a distance. There is no gutter to carry off urine.	Good.	Good.	Good.	92	14	..	129	8	*Nil.*												

APPENDIX—*cont.*

1	2	3	4			5		6	7	8	9	10			11			12		13														14
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 factory mentioned in column 1.												Remarks.
																				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.	
			Men.	Women.	Children.	Males.	Females.					Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	(*a*)	(*b*)	(*c*)	(*d*)	(*e*)	(*f*)	(*g*)	(*h*)	(*i*)				
Coimbatore Sugar Manufacturing Company (Limited), Pôdanur—*cont.*	R. Natesa Aiyar.	30th March 1896. Deputy Magistrate Mr. J. G. Wood.	101	10	10	3	..	Yes. Registers C, D & E.	(1) Yes; but left blank; now filled in. (2) Yes. (3) No Now done.	The vacuum engine 12 horse-power and the centrifugal engine 16 horse-power are both partly fenced round, but neither sufficiently. The fencing of both should be completed.	*Water-supply.*—Good. *Ventilation.*—Fair. *Sanitation.*—Defective. The surroundings of the factory inside the compound should be kept cleaner. This must be done at once. *Latrine and accommodation.*—Both the present latrines will be made into one for males only. A new latrine will be built outside the western wall of the compound about the middle of its length. Both will have gutters for the urine to escape by. These works must be finished as soon as possible.	Good.	Good.	Good.	92	14	..	129	8															*Nil.*
		There are no certificates in form B. But there is a bla book in form B. Children Nos. 2, 3 and 10 were mustered. Nos. 2 and 10 are clearly over 9 years of age. No. 3 should be sent with the book in form B to the District Medical and Sanitary Officer, with a request that he, as a certifying Surgeon, will grant him a certificate therein as to his age. This should also be done in the case of any other children who are not clearly over 9 years of age.																																
		11th August 1896. District Medical and Sanitary Officer.	73	12	3	3	..	Yes.	Yes.	Properly fenced.	(1) Good (2) Fair. (3) Good (4) Do.	Good.	Good.	Good.	92	14	..	129	8																*Nil.*
		13th August 1896. Deputy Magistrate Mr. J. G. Wood.	77	13	3	3	..	Do. Registers C, D & E.	Do.	Yes.	All Good	Do.	Do.	Do.	92	14	..	129	8																*Nil.*
		A book of B certificate forms is kept, but it is blank. None of the children employed are under 10. No loose certificates.																																
		28th December 1896. Deputy Magistrate Mr. J. W. Wood.	3	..	..	..	..	Do.	Do.	Yes..	Do.	Do.	Do.	Do.	92	14	..	129	8																*Nil.*

From H. BRADLEY, Esq., District Magistrate of Coimbatore, to the Chief Secretary to Government, dated 30th April 1897, Dis. No. 316-Mag.

With reference to paragraph 3 of my report, Ref. on Pedl. No. 33 (*a*)-Mag., dated 7th April 1897, on the working of the Indian Factories Act, I have the honour to submit a supplemental statement showing the result of inspections made by the District Medical and Sanitary Officer and other officers of the Tiruppur Cotton Cleaning and Pressing Company.

APPENDIX.

1	2	3	4			5		6	7	8	9	10			11			12		13												14
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, 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.	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 Factories Act, clauses									Under section 15 (2) of the Factories Act.	Total number of persons convicted.	
			Men.	Women.	Children.	Males.	Females.					Women.	Children.	Operatives generally.	Men.	Women.	Children.	Adults.	Children.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to (i).			
The Cotton Cleaning and Pressing Company of Messrs. Binny & Co., Madras, Tiruppur.	Mr. A. D'Monte.	11th August 1896. 28th March 1896.	37 32	36 31	..	..	..	Register E alone maintained.	Yes.	Properly fenced.	Water-supply sufficient. Ventilation and sanitary condition good.	..	..	Good.	22 29	16 28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

APPENDIX—*cont.*

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 in 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									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).			
			1	4		5	6	7		8	9	10			11			12		13												
* The Cotton Cleaning and Pressing Company of Messrs. Binny & Co., Madras.	Mr. A. D'Monte, Mr. G. Joseph, acting on date of inspection.	29th Feb. 1896.	..	..	..	..	Register E alone is maintained. The other registers are not maintained as no children are employed.	Yes ..		Yes ..	There is a well in the factory compound. The river Noyil is also near the factory. There is also a water-shed in the compound for the use of the operatives. The ventilation is sufficient. Sanitation also satisfactory. There is no latrine attached to the factory.	..	No .. persons were employed at date of inspection.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
† The Cotton Cleaning and Pressing Company.	Messrs. Binny & Co., owners. Responsible Manager Mr. A. D'Monte.	27th May 1896.	37	42	*Nil.*	..	E is maintained.	Yes ..		Yes ..	Water-supply, fair. Ventilation, good. There is a latrine in the compound.	..	Good.	Good.	30	28	..	40 60		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
‡ Cotton Cleaning and Pressing Company of Messrs. Binny & Co., Madras.	Mr. A. D'Monte.	24th Nov. 1896.	8	31	*Nil.*	None.	Register E alone is maintained. This register is, it seems, written up at the end of each week and not daily. The Manager's attention may be drawn to this point as the register is intended apparently to be of the nature of an attendance register.	Yes ..		Yes ..	Water-supply, sufficient. Sanitation, good. Accommodation, sufficient.	Good.	None.	Good.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

* Males employed are paid from 3 to 6 annas a day and females from 2 to 3 annas. The women maistries get 3 annas and the other females employed for cleaning cotton 2 to 2½ annas. The males working at the press are paid 6 annas and the others 3 to 4 annas a day. The flooring planks in the cleaning room are in many places not quite safe. In the same room the opening on the western side where there is a pulley requires to be protected.

(Signed) L. G. MOORE,
Acting Head Assistant Magistrate

† There is a square opening in the upper floor through which bales are brought up by a pulley. It is not possible to protect this without interfering with the work. I have suggested that it be replaced by a window and pulley outside the building. The matter is receiving the Manager's attention. There are never any accidents.

(Signed) LIONEL VIBERT,
Acting Head Assistant Magistrate.

‡ Males are paid 4 annas and 6 annas daily, and women 1 anna 9 pies and 2 annas. The flooring planks to which allusion was made at my last visit appear to have been strengthened. A moveable railing has also been set up at the opening in the upper floor alluded to in previous reports. Machinery properly fenced. Only cleaning work was being done on date of inspection.

(Signed) L. G. MOORE,
Acting Head Assistant Magistrate.

From M.R.Ry. B. NARAYANAMURTY Pantulu Garu, General Deputy Magistrate, Goomsur, to the District Magistrate of Ganjám, dated Shergada 22nd March 1897, Per. No. 74-Mag.

I have the honour to submit my report on the working of the Aska Sugar Works and Distillery belonging to Mr. F. J. V. Minchin of Aska for the calendar year 1896.

2 *Inspections.*—The factory was inspected by me thrice during the year under report—on the 29th June 1896, 3rd December 1896 and 21st December 1896. On all these occasions the manager in charge of the factory gave every facility for inspection.

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

4. The work-people are divided into two classes—the first class consisting of mechanics working by day only from sun-rise to sun-set, with an interval of two hours; while the second class work both by day and night in the sugar manufactory. The latter class is divided into two equal sets who work alternately for six hours varying 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 end of February, and the work of refining sugar was carried on from March to September, except in June 1896, when the whole machinery was under repairs, the distillery alone being at work. During cane season work is done even on Sundays, the factory being exempted from the operation of the rule under proviso (2) (*c*) (*i*) to section 5 (*b*) of the Act.

7. A statement showing the nature of work on which operatives drawing different rates of pay were employed during 1896 in the factory is enclosed for information.

8. *Fencing of Machinery and Mill-gearing.*—All dangerous machines are securely fenced. All the fly wheels are surrounded by railings—the fly wheel of the big steam engine by iron railings and the diffusion fly wheel by wooden railings.

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

10. *Accidents.*—During the year under report there was only one accident and it was not of a serious or permanent nature. The person who was injured was under the treatment of the local civil apothecary, Aska, and the details of the injury are shown in the statement appended:—

Date of accident.	Name.	Caste.	Sex.	Age.	How the accident occurred.
11th November 1896 ..	Sarathi Jenna ..	Uriya ..	Male ..	YEARS. 30	While engaged in nailing corrugated iron sheets he fell down accidentally from a scaffold over the boilers about 8 feet high from the ground, which as per civil apothecary's report caused a simple fracture of his left thigh.

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

12. No children are being employed and the certifying Surgeon has practically no work to do.

13. The statements prescribed in G.O., No. 1315, dated 22nd July 1892, are herewith submitted.

Dis. No. 289—Mag.

Submitted to the Chief Secretary to Government, Judicial Department.

CHATRAPUR,
28*th March* 1897.

(Signed) R. ASHE,
for *District Magistrate.*

FORM I.

Serial number.	Name and locality of factory.	Nature of industry.	Nature of moving power.	Amount of moving power.	Average daily number of operatives employed.						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*) (*i*) or (4) under section 5 (*b*) (2) (*c*), or (4) under section 5 (*b*) (2) (*d*) of Act, or (5) otherwise.	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.	Whether the factory is worked (1) by shifts, (2) by midday stoppages, or (3) otherwise.	Total.	Serious.	Minor.	Total	By Magistrates.	By special Inspector of factories.	By Medical Officers.	By other officers, if any.	Total.	
					6	7	8	9	10	11	12	13	15	16	17	18	19	20	21	22	23	24
1	Aska Sugar Works and Distillery, Aska.	Sugar works and distillery.	By steam.	79 horse-power.	398	..	398	..	..	..	398	The hands employed in the manufacture of sugar are working in shifts of six hours and the mechanics and others by midday stoppages.	..	..	..	1	3	..	1	..	..	The accident had nothing to do with the machinery at work in the factory.
					17	30	47	..	..	..	47											
					415	..	445	..	..	..	445											
								Employed by contractors for carrying cane chips.			446										

STATEMENT showing the nature of work on which operatives drawing different rates of pay were employed during 1896.

Nature of work.	Particulars.	Wages per month. RS.	A.	P.
Mechanics	Men	12	0	0
Coopers	Do.	11	0	0
Stokers	Do.	4	0	0
Engines	Do.	4	0	0
Vacuum pan	Do.	20	0	0
Sugar heaters	Do.	4	0	0
Do. maistries	Do.	14	0	0
Centrifugal maistries	Do.	6	0	0
Bone tower maistries	Do.	4	0	0
Firewood carriers	Do.	4	0	0
Molass and jaggery maistries	Do.	7	0	0
Distillery maistries	Do.	14	0	0
Do. workmen	Do.	4	0	0
Peons and watchers	Do.	5	0	0
Bandy-men	Do.	5	0	0
Coolies all round	Do.	3	12	0

Rates of daily wages paid to cane-chip carriers—men at As. 2 per diem; women at As. 1-6 per diem.

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.	Women.	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.
Aska Sugar Works and Distillery.	A. Robertson.	29th June 1896.	255	1	..	..	No, as no children are employed.	Yes ..	Yes, all the machinery is properly fenced.	First-class.
		3rd December 1896.	383	..	..	..		Do. ..		Do.
		21st December 1896.	538	..	..	..		Do. ..		Do.

10. Physical conditions. Women.	Children.	Operatives generally.	11. Number of persons employed at the end of the year. Men.	Women.	Children.	12. Maximum number of hands employed on any day during the year. Adults.	Children.	13. Number of persons convicted during the year in respect of the factory in column 1 under section 15 (1) of the Factories Act, clauses (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total.	Under section 15 (2) of the Factories Act.	Total number of persons convicted.
Good.	..	Good.	..	..	..	591	..	..	..	..	..	..	..	..	..	..	..	..	..
Do.	..	Do.	..	..	..	Employed by contractors. 110	..	..	..	..	..	..	..	..	..	..	..	..	..
Do.	..	Do.	591	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			Employed by contractors. 40	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

From V. A. BRODIE, Esq., District Magistrate, Gódávari, to the Chief Secretary to Government, dated Camp, Chódavaramu, 16th April 1897, Ex. Cur. No. A-Mag.

I have the honour to submit my report (along with the two usual statements) on the working of the Factories Act XV of 1881 as amended by Act XI of 1891 in the Gódávari district for the year 1896.

2. The marginally-noted factories were the only factories, as in the previous year, that came within the purview of the Act: No. 1 in the Joint Magistrate's division and No. 2 in the Head-quarters Deputy Magistrate's division. Besides the said two factories there is another factory (the Gódávari steam saw mills and workshops) at Rajahmundry. It is reported that it was started in November last, but the engine not having been fixed properly, it had to be shifted and the factory did not commence regular work until the beginning of the current year. It has not been included in this report as the number of operatives employed in it did not reach the minimum of fifty on any working day in the year under report.

1. The Dowlaishweram workshop.
2. Georgepetta factory.

3. *Inspection.*—The Dowlaishweram workshop was inspected twice by the Joint Magistrate and the Georgepetta factory thrice by the Head-quarters Deputy Magistrate. Factory No. 2 was not inspected at all by the medical officer during the year under report, but only on 1st February 1897 and the Joint Magistrate is silent on this point. I have called upon the Joint Magistrate and the District Medical Officer for an explanation and shall report further on receipt of their replies.

The average daily attendance of men, women and children in each of the two factories is shown below:—

		Dowlaishweram Factory.	Georgepetta Factory.
Men	.. ..	121	90
Women	.. ..	2	50
Children	Male	20	12
	Female	..	5
	Total ..	143	157

4. A general holiday is observed on Sundays in both the factories. Two hours' rest is allowed to workmen in both the factories in the middle of the day and three hours' rest to children in the factory at Georgepetta.

5. All the children employed in the Georgepetta factory are nine and above nine years of age. They are made to work seven hours a day. No child is allowed to clean any part of the machinery or even to go near it when it is in motion. Registers C, D and E are maintained and the file of certificates in form B is also kept up. These certificates were given by Mr. Appana Pillai, Medical Officer, Yanam, who has been appointed certifying Surgeon of the factory. The notice required by section 10 (1) of the Act, a copy of the rules required by rule 23 and form F as required by rule 17 (2) are duly hung up in conspicuous places. These were torn to some extent by the wind and were not replaced by fresh ones.

6. The Joint Magistrate has not at all touched upon the maintenance of registers, notices, &c. I have called upon him to report on this point forthwith.

7. *Sanitary condition and arrangements.*—The sanitary arrangements are good in both the factories. Both are kept clean and the ventilation is good and so is the water-supply. The Dowlaishweram workshop is provided with two latrines, while the Georgepetta factory has none. It is said that there is no real necessity for a latrine in the latter factory as, close to it, there is a large extent of waste land which is used by the coolies as an open latrine. The general health of the operatives in both the factories is reported to have been good.

8. *Wages and general condition of the operatives.*—At Dowlaishweram the workmen are paid monthly their wages ranging from Rs. $2\frac{1}{2}$ to Rs. 25 a month. They are not less than what they could get anywhere else in the district. At Georgepetta,

adult males are paid with reference to the outturn of work and their daily earnings vary from $2\frac{2}{3}$ annas to 4 annas. Adult women are paid at the uniform rate of $1\frac{1}{2}$ annas a day, while children's wages vary from 9 pies to $2\frac{1}{4}$ annas a day according to their skill and ability in the work. An allowance for Sunday is made in the case of those that work regularly and the wages are disbursed once a week. They are better off than ordinary agricultural labourers and coolies in the neighbourhood.

9. *The employment of women and children.*—They are not allowed to approach the machinery when in work. They are employed to clean the compound, to carry boiled paddy to the platform to dry or cool, &c.

10. *Work of Certifying Surgeon.*—Government has in its order No. 2014, Judicial, dated 21st August 1894, appointed Mr. Appana Pillai, certifying Surgeon of the Georgepetta factory. The medical officer in charge of the Dowlaishweram dispensary is the certifying Surgeon of the Dowlaishweram factory. B certificates were issued by both of them.

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

12. *Accidents.*—There were no accidents in either factory under report.

13. *Prosecutions.*—None were instituted during the year in either of the factories as in the previous year.

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.	Whether the factory is worked mainly by (1) shifts, or (2) by midday stoppage, 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 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	14	15	16	17	18	19	20	21	22	23	24
1	Government Workshop, Dowlaishweram.	Wood and iron work.	Steam-engine	12 horse-power.	121	2	123	20	..	20	143	The factory is worked by stoppages. The hours of stoppages are from 12 A.M. to 2 P.M.	The factory is closed on Sundays and other general holidays.	..	..	..	..	2	..	..	..	2	*Abstract of district.* Total number of factories .. 2; Iron and wood work 1; Rice mill .. .. 1; Number of factories inspected more than three times .. *Nil.*
2	Rice Factory, Georgepetta.	Manufacture of rice.	Do. ..	60 horse-power.	90	50	140	12	5	17	157 *	Do. ..	Do.	..	..	..	..	3	..	..	..	3	

* The figure furnished on the revenue side is 159. The Deputy Magistrate has been called upon to explain the discrepancy.

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, (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)	Total (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. Government Workshop, Dowlaishweram.	Mr. G. F. Handcock, Sub-divisional officer.	* ..	..	..	..	..	..	..	Yes ..	Satisfactory.	Good.	Good.	Good.	48	2	5	2	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Rice-mill, Georgepetta.	Mr. F. Joblin.	19th Feb. 1896.	77	50	13	13	C maintained, D and E not written up still for this year. File of certificates kept up.	All torn up by the wind and not written up again.	Do. ..	Do.	Do	Do.	Do.	99	52	17	164	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
....	....	28th Aug. 1896.	101	51	16	16	Maintained correctly.	Form F is kept up. Rest torn but not written up still.	Do. ..	Do.	Do.	Do.	Do.																				
....	....	21st Nov. 1896.	94	53	17	17	Do.	Do.	Do. ..	Do.	Do.	Do.	Do.																				

* Information called for and will be shortly submitted.

From V. A. BRODIE, Esq., Collector of Gódávari, to the Chief Secretary to Government, dated Cocanada, 15th May 1897, Dis. No. 234-Mag.

In continuation of this office letter Extract No. A-Mag., dated 19th April 1897, submitting report on the working of Factories Act in this district during 1896, I have the honour to forward herewith a supplement to Appendix A, from which it would appear that both the factories were inspected once by the District Surgeon during the year. No allowances were claimed by him on either occasion.

2. Necessary registers were maintained in the Dowlaishweram workshop also.

3. As regards the discrepancy in the number of operatives employed in the Georgepetta factory (*vide* column 12 of the enclosure already submitted), the Head-quarter Deputy Magistrate reports that 157 is the correct figure.

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, (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 machine 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										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).		
1. Government Workshop, Dowlaishweram.	Mr. G. F. Handcock, Sub-division Officer.	22nd July 1896 by Joint Magistrate.	..	2	10	..	Yes. The registers and file are kept.	Yes ..	Properly fenced.	The water is obtained from river and is good; sanitation, ventilation good. There is sufficient accommodation for the people.	Good	Good	Healthy.	48	2	5	200	10	..	..	..	..	..	..	..	..	..	..	..	..
		8th July 1896 by the District Surgeon.	173	1	..	..	C and D not kept. E kept.	Yes. Yes. Filed but not put up.	Yes ..	Water muddy, not wholesome, stored in chatties; neither filtered nor boiled. Ventilation free. Sanitary condition of the compound is unsatisfactory as far as surface cleanliness is concerned. Some extra sweepers should be employed at once to remove all dung, &c. Two latrines in a fairly clean state.	Do.	Do.	Do.	48	2	5	200	10	..	..	..	..	..	..	..	..	..	..	..	..
2. Rice Mill, Georgepetta.	Mr. F. Joblin ..	7th Jan. 1896 by the District Surgeon.	97	47	14	14	All are kept.	Yes. Yes.	Yes ..	Satisfactory.	Do.	Do.	Do.	89	46	14	152	14	..	..	..	..	..	..	..	..	..	..	..	..

From A. R. CUMMING, Esq., Acting Head Assistant Magistrate and Inspector of Factories, Kistna, to the District Magistrate, Kistna, dated 16th February 1897.

I have the honour to report on the working of the Factories Act XV of 1881 in 1896.

2. The only factory in this division, the Public Works Department Workshop, Bezwada, is in charge of the Executive Engineer, Kistna Northern Division.

3. Mr. Oldfield inspected on 8th January 1896 and 7th April 1896, and I inspected on 17th December 1896.

4. The two prescribed statements are herein enclosed.

5. A table of working hours and holidays is pasted up: the hours 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.

Forwarded, with copies of enclosures, to the Chief Secretary to Government, Judicial Department, Madras.

This is the only factory in the district falling within the scope of the Factories Act.

2. The daily wages of the operatives are reported to vary from Rs. 1-2-6 to Annas 2 and the total amount of the fees paid to the Medical Inspector was Rs. 120.

10*th March* 1897.

(Signed) F. A. COLERIDGE,
for *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.						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 the factory exempted under section 5-B (2) (*c*), or (4) under section 5-B (2) (*d*) of the Act, (5) otherwise worked.	Number of accidents reported during the year.				Number of inspections held during the year.					
					Adults.			Children.					Fatal.	Serious.	Minor.	Total.	By Magistrates.	By Special Inspector of Factory.	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
1	Public Works Department Workshop, Kistna, Bezwada.	Caulking, pentry, iron work, work, work, work, painting.	Steam power and hand labour.	Generally one stationary engine, 20 horse-power and 12 horse-power (*sic*).	222	..	222	..	..	..	222	Midday stoppages.	..	..	..	1	1	3	..	3	..	6
												Sundays ..		..	1			3	..	..	..	

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 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, (a) to (i).	Total number of persons convicted.	
																			(a)			
																			(b)			
																			(c)			
																			(d)			
																			(e)			
																			(f)			
																			(g)			
																			(h)			
																			(i)			
Public Works Department Workshop, Bezwada.																						
Executive Engineer, Kistna Northern Division.		8th Jan. 1896.	..	..	..	1	Yes	Yes	Yes	Good	Good.	Good.	Good.	222	..	..	370	..				
		18th Jan. 1896.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
		7th April 1896.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
		18th April 1896.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
		14th Sept. 1896.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
		17th Dec. 1896.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				

From S. D. SIMPSON, Esq., Deputy Commissioner of Police and Inspector of Factories, to the Commissioner of Police, Madras, dated 25th February 1897, No. 11.

I have the honour to report on the working of the Factories Act XV of 1881 as amended by Act XI of 1891 for the year ending 31st December 1896.

2. *Factories.*—There were 24 factories in the City of Madras at the beginning of the year 1896. Of these, two were removed from the register during the year, viz., (1) Her Majesty's Penitentiary Workshops on the 21st of March, owing to the steam engine having been removed and the carpentry department being abolished; and (2) Messrs. Moothian Chetty & Co.'s Iron Safe Manufactory, because steam-power was not introduced as intended and the hands employed fell short of the number referred to by the Act.

3. *Children.*—They were inspected by me during my visits to the factories where they are employed.

4. *Accidents.*—There has been a decrease in the number of accidents, and considerably so in the number of those coming under the head of serious. There were 138 accidents during the year as against 148 in the previous year. Of these, 4 were serious as compared with 12 in the previous year, and 134 were minor ones. The serious ones referred to during the year were such as loss of fingers, but there were no fatal ones.

5. *Wages.*—The same high rate of wages prevail in the factories as in the previous year, and if the present high prices for grain and provisions continue, the wages will perhaps be enhanced to meet the demands for the daily necessaries of life.

6. I am glad to report that there were no prosecutions under the Act during the year, although I was very nearly compelled to take action against one or two managers of large manufactories.

No. 24.

Forwarded to the Chief Secretary to Government, Madras.

(Signed) F. BAGSHAWE,
Commissioner of Police.

26*th February* 1897.

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.							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 during the year.				Number of inspections 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 steam engines. 96 do. boilers	7 8	871	1	872	..	..	..	872	Midday stoppages.	Sundays and Government holidays.	..	3	67	70	3	*Abstract.* Iron foundries 7 Cotton mills 4 Brick and tile works. 4 Printing presses. 2 Coach building 1 Furniture manufacture. 1 Carpentry 1 Miscellaneous works. 4 Total .. 24
2	Southern India Spinning and Weaving Mill, Ráyapuram.	Spinning yarn	80 horse-power steam engine. 30 do. do.	1 1	830	19	849	..	..	..	849	Do. do.	Sundays and Hindu holidays.	..	..	3	3	3	
3	Madras Harbour Works, North Beach Road.	Making and depositing concrete blocks and working machine.	20 horse-power steam engines. 8 do. travelling cranes. 10 horse-power Titan cranes. Loco. engines	2 3 3 6	260	6	266	..	..	..	266	Do. do.	Sundays and Commercial holidays.	..	..	..	..	3	
4	Napier Works, Korookoopett.	General engineering.	10 horse-power steam engine. 4 do. do.	1 1	249	..	249	..	..	..	249	Do. do.	Sundays and Hindu holidays.	..	..	1	1	3	Inspected four times. 1 Inspected three times. 22 Inspected one time. 1 Total .. 24
5	Public Works Workshops, Seven Wells.	Wood, iron, brass and copper work; repair of machinery and mathematical instruments.	10 horse-power engines. 8 do. do. 6 do. engine.	2 3 1	358	2	360	..	..	..	360	Do. do.	Sundays and Government holidays.	..	..	6	6	3	
6	Madras United Spinning and Weaving Mill, Chulai.	Cotton-spinning.	300 do. do.	1	771	14	785	54	..	54	839	Midday stoppages and children by shifts.	Sundays and Hindu holidays.	..	..	4	4	3	
7	Buckingham Mill, Perambúr.	Cotton-spinning.	700 do. do. 600 do. do.	1 1	2,000	85	2,085	121	3	124	2,209	Do. do.	Do. do.	..	..	8	8	3	
8	Carnatic Mill, Perambúr.	Cotton-spinning.	1,500 do. do.	1	1,724	61	1,785	116	..	116	1,901	Do. do.	Do. do.	..	1	33	34	3	
9	Cement Works, Korookoopett.	Manufacture of cement, bricks, tiles and concrete pipes.	30 horse-power engines. 25 do. engine. 8 do. do.	2 1 1	340	105	445	21	6	27	472	Do. do.	Do. do.	..	..	5	5	3	

Form I—*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 during the year.				Number of inspections 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	3	9	10	11	12	13	14	15	16	17	18	19	20
10	Bee Hive Foundry, Popham's Broadway.	Engineers, iron and brass founders.	12 horse-power steam engine. 4 do. do.	1 1	114	..	114	6	..	6	120	Midday stoppages and children by shifts.	Sundays and Hindu holidays.	..	..	..	..	3	
11	Reliance Foundry, Yagatha-Covil Street.	Iron and brass founders.	6 horse-power engines	2	54	..	54	6	..	6	60	Do. do.	Do. do.	..	..	..	..	3	
12	Simpson & Co., Mount Road.	Coach building.	20 horse-power steam engine.	1	98	..	98	9	..	9	107	Do. do.	Sundays and Commercial holidays.	..	..	..	..	3	
13	Government Press, Mint Buildings.	Printing, binding and type-founding.	8 do. do.	1	823	7	830	..	..	..	830	Midday stoppages.	Sundays and Government holidays.	..	..	2	2	3	
14	Lawrence Asylum Press, Mount Road.	Printing, binding, type founding, and book selling and stationery suppliers.	12 do. do.	1	299	1	300	..	..	..	300	Do. do.	Sundays; half a day on Saturdays.	..	..	..	..	3	
15	Basin Foundry near Buckingham Basin.	Iron founding and workshop.	8 do. do. 12 do. do.	1 1	53	..	53	..	..	..	53	Do. do.	Sundays and Hindu holidays.	..	..	..	..	3	
16	Raju & Co., Mylapore.	Iron founding ..	20 do. do.	1	77	..	77	13	..	13	90	Midday stoppages and children by shifts.	Do. do.	..	..	3	3	3	
17	Moothian Chetty & Co., Washermanpet.	Iron safe manufacture.	Drilling power Punching machine.	2 2	34	..	34	14	..	14	48	Do. do.	Do. do.	..	..	..	..	3	Removed from register on 1st December 1896.
18	Municipal Workshops, Trevelyan Basin Road.	Casting, fitting engines and carpentry.	Manual labour ..	Manual labour.	295	..	295	..	..	..	295	Midday stoppages.	Sundays	..	..	..	..	3	
19	Government Brickfields, Egmore.	Making bricks and tiles.	12 horse-power steam engine.	1	131	112	243	..	..	..	243	Do. do.	Sundays and Government holidays.	..	..	2	2	3	
20	School of Arts, Periamett.	Pottery, carpentry, carpet, silver, &c., work.	4 do. do.	1	159	2	161	16	..	16	177	Midday stoppages and children by shifts.	Do. do.	..	..	..	..	4	

FORM I—*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 during the year.				Number of inspections during the year.	Remarks.
					Adults.			Children.			Total of colums 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
21	P. Orr & Sons, Mount Road.	Jewellers, silversmiths, engineers.	9 horse-power gas engine.	1	342	..	342	34	..	34	376	Midday stoppages and children by shifts.	Sundays and Commercial holidays.	..	..	..	..	3	
22	Madras Brick, Tile and Iron Works, Perambúr.	Brick, tile, and pottery-making, casting and founding iron.	15 horse-power steam engine. 8 do. do.	1 1	56	3	59	..	.	..	59	Midday stoppages.	Sundays and Hindu holidays.	..	..	..	..	3	
23	Deschamps & Co., Mount Road.	Carriage and furniture manufacture.	20 horse-power steam engine.	1	71	..	71	..	..	..	71	Do. do.	Sundays and Commercial holidays.	..	..	..	..	3	
24	Her Majesty's Penitentiary, Madras.	Carpentry ..	Removed from register.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Removed from register on 21st March 1896.
			Total ..	..	10,009	418	10,427	410	9	419	10,846			..	4	134	138	70	

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 inspection.	Whether Registers C, D and E and the file of the 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.	
Gun Carriage Factory.	Major C. C. Townsend, R.A.	10th Feb. 1896 .. 13th July ,, .. 24th Nov. ,, ..	708 881 1,013	1 1 1	.. .. ..	.. .. ..	Register E maintained.	Yes ..	Yes.	Good.	Good.	..	Good.	994	1	..	1,055	..	*Nil.*
Southern India Spinning and Weaving Mill.	*Mr. Cowasjee Jehangheer.*	*9th Jan. ,, ..* *12th May ,, ..* *11th Sept. ,, ..*	*813* *795* *790*	*14* *15* *24*	.. .. ..	.. .. ..	*Do.*	*Do.* ..	*Do.*	*Do.*	*Do.*	..	*Do.*	*813*	*24*	..	*863*	..	*Do.*
Madras Harbour Works	*Mr. A. Lee Pogson* ..	*17th Jan. ,, ..* *6th May ,, ..* *16th Sept. ,, ..*	*363* *264* *129*	*2* *6* *2*	.. .. ..	.. .. ..	*Do.*	*Do.* ..	*Do.*	*Do.*	*Do.*	..	*Do.*	*134*	*2*	..	*865*	..	*Do.*
Napier Works ..	*Mr. A. W. Rosling* .. Mr. H. J. W. Oxlade ..	*22nd Feb. ,, ..* *11th July ,, ..* *15th Dec. ,, ..*	*204* *194* *254*	.. .. ..	.. .. ..	.. .. ..	*No* ..	*Do.* ..	*Do.*	*Do.*	..	..	*Do.*	*280*	..	..	*335*	..	*Do.*
Presidency Public Works Workshops.	Mr. H. A. Moss ..	21st Jan. ,, .. 13th May ,, .. 17th Sept. ,, ..	235 317 392	1 1 2	.. .. ..	.. .. ..	Register E maintained.	Do. ..	Do.	Do.	Good.	..	Do.	382	3	..	489	..	Do.
Madras United Spinning and Weaving Mill.	Mr. Edulji Furdonji Mody.	10th Jan. ,, .. 9th July ,, .. 3rd Nov. ,, ..	697 814 875	16 18 16	30 24 22	30 24 22	Yes ..	Do. ..	Do.	Do.	Do.	Good.	Do.	928	16	40	973	40	Do.
Buckingham Mill ..	Mr. T. A. Wilkinson ..	24th Apr. ,, .. 17th Aug. ,, .. 21st Dec. ,, ..	1,717 2,024 2,036	105 93 99	107 97 118	107 97 118	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	2,054	98	111	2,176	92	Do.
Carnatic Mill ..	Mr. A. R. Fletcher ..	24th Apr. ,, .. 17th Aug. ,, .. 24th Dec. ,, ..	1,742 1,684 1,748	69 69 103	117 102 ..	117 102 ..	Do. ..	Do. ..	Do.	Do.	Do.	Do.	Do.	1,824	80	103	1,955	108	Do.
Cement Works ..	*Mr. J. S. Spoor* ..	*22nd Feb. ,, ..* *11th July ,, ..* *2nd Dec. ,, ..*	*373* *336* *398*	*108* *93* *84*	*27* *19* *13*	*27* *19* *13*	*Do.* ..	*Do.* ..	*Do.*	*Do.*	*Do.*	*Do.*	*Do.*	*420*	*94*	*13*	*517*	*10*	*Do.*
Bee Hive Foundry ..	*Mr. R. D. Frier* ..	*13th Jan. ,, ..* 5th May ,, .. 7th Sept. ,, ..	*95* 109 104	.. .. ..	.. .. ..	.. .. ..	No ..	Do. ..	Do.	Do.	..	..	Do.	110	..	5	124	8	Do.
Reliance Foundry ..	Mr. W. McDonald ..	16th Jan. ,, .. 9th May ,, .. 9th Sept. ,, ..	58 70 47	.. .. ..	6 6 6	6 6 6	Yes except E.	Do. ..	Do.	Do.	..	Good.	Do.	40	..	6	70	6	Do.
Simpson & Co. ..	Mr. W. G. Cuddon ..	26th Feb. ,, .. 17th June ,, .. 3rd Dec. ,, ..	255 251 278	.. .. ..	5 2 17	5 2 17	Do.	Do. ..	Do.	Do.	..	Do.	Do.	283	..	20	297	20	Do.

APPENDIX—*cont.*

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 the 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.	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).
Government Press ..	Mr. R. Hill	23rd Jan. 1896 ..	861	7	..	..	Register E maintained.	Yes	*Nil.*
		6th July ,, ..	834	7	..				
		5th Oct. ,, ..	826	7	..				
		15th Jan. ,, ..	287	1	..				
Lawrence Asylum Press.	Mr. H. Plumbe ..	7th May ,, ..	331	1	..	..	Do.	Do.	*Do.*
		7th Oct. ,, ..	349	1	..				
Basin Foundry ..	Mr. C. G. Balabadra Naik.	24th Jan. ,, ..	114	..	..	..	No. ..	Do.	*Do.*
		7th July ,, ..	81	..	..				
		14th Dec. ,, ..	84	..	..				
Raju & Co.	Mr. D. Raju Moodely	26th Apr. ,, ..	71	..	18	18	Yes, except E.	Do.	*Do.*
		10th Aug. ,, ..	72	..	21	21			
		23rd Dec. ,, ..	79	..	20	20			
Moothian Chetty & Co.	Mr. Parthasarady Naik.	22nd Jan. ,, ..	36	13	..	..	Register E maintained.	Do.	*Do.*
		7th July ,, ..	33	15	..	..			
		18th Nov. ,, ..	32	14	..	..			
Municipal Workshops.	Mr. S. Loane ..	26th Feb. ,, ..	267	..	..	..	No ..	Do.	*Do.*
		25th July ,, ..	165	..	..	..			
		11th Dec. ,, ..	389	..	..	..			
Government Brickfields.	Mr. P. Mahony ..	23rd Mar. ,, ..	177	150	..	..	Register E maintained.	Do.	*Do.*
		30th July ,, ..	199	126	..	..			
		19th Dec. ,, ..	116	83	..	..			
School of Arts	Mr. E. Holder ..	27th Feb. ,, ..	190	2	20	20	Yes ..	Do.	*Do.*
		15th July ,, ..	196	2	20	20			
		18th Dec. ,, ..	191	2	17	17			
Madras Brick, Tile and Iron Works.	Mr. P. Ramasamy Naik.	19th ,, ,, ..	188	2	17	17	Register E maintained.	Do.	*Do.*
		29th Apr. ,, ..	61	9	..	..			
		28th Aug. ,, ..	40	2	..	..			
		28th Dec. ,, ..	56	2	..	..			
P. Orr & Sons ..	Mr. R. G. Orr ..	8th Apr. ,, ..	326	..	36	36	Yes, except E.	Do.	*Do.*
	Mr. F. W. Emery ..	30th Aug. ,, ..	395	..	44	44			
		12th Dec. ,, ..	463	..	47	47			
Deschamps & Co. ..	Mr. L. Cornet ..	17th Apr. ,, ..	69	..	..	..	No ..	Do.	*Do.*
		18th June ,, ..	79	..	..	..			
		4th Dec. ,, ..	87	..	..	..			
Her Majesty's Penitentiary.	Mr. D. A. McCready ..	11th Feb. ,, ..	326	..	..	..	Removed from register on 21st March 1896.		

Enclosures.

From Surgeon-Captain D. SIMPSON, M.B., Medical Inspector of Factories for the Town of Madras, to the Commissioner of Police, Madras, dated 29th January 1897.

I have the honour to submit my report for the year 1896 on the sanitary condition of the factories noted below in the town of Madras, inspections of which were ordered by G.O., No. 348, Judicial, dated 16th February 1895. The inspections being made quarterly, each factory was inspected four times in the year, except in the instances of those which were removed from the list (*vide* paragraph 2) :—

(1) Basin Foundry.
(2) Beehive Foundry.
(3) Buckingham Mill.
(4) Carnatic Mill.
(5) Cement Works.
(6) Deschamps & Co.
(7) Government Brick Fields.
(8) Government Press.
(9) Gun Carriage Factory.
(10) Her Majesty's Penitentiary.
(11) Lawrence Asylum Press.
(12) Madras Brick, Tile and Iron Works.
(13) Madras Harbour Works.
(14) Madras United Spinning and Weaving Mill.
(15) Moothian Chetty & Co.
(16) Municipal Workshop.
(17) Napier Works.
(18) Orr and Sons.
(19) Presidency Public Works Workshop.
(20) Reliance Foundry.
(21) School of Arts.
(22) Simpson & Co.
(23) South Indian Spinning and Weaving Mill.
(24) Victoria Works.
(25) Railway Factory, Perambur.

The total amount actually drawn for inspections during the year was Rupees 788–14–6.

2. There were 25 factories on the list on the 1st January 1896. At the harbour construction works, operations ceased after the second quarter; Her Majesty's Penitentiary was removed from the list after the first quarter, as carpentry has been given up; Messrs. Moothian Chetty & Co., Safe Manufacturers, failed after the second quarter to muster fifty hands on several occasions on which I made inspections, and as there is no steam power employed on the premises, I have ceased to inspect this factory. Consequently there were in the last quarter three factories less on the list than at the commencement of the year under report.

3. *Water-supply.*—This has been sufficient both for drinking and for purposes of cleanliness. In nearly all cases it is the Red Hills municipal water-supply that is used, and those that are not so provided obtain their supply from wells on the spot, the water from which has been found to be sufficient and suitable.

4. *Ventilation.*—The means for carrying out this exists in all the factories, and attention has been paid to it in most cases. Where neglected, it has been duly pointed out to managers or those in charge.

5. *Latrine Accommodation.*—This is provided in all the factories, and the sanitary condition of the latrines is satisfactorily maintained.

6. *Overcrowding.*—No overcrowding has come under my notice during the year.

7. *General Condition.*—The sanitary condition of the factories and their immediate surroundings is satisfactory. It has not been necessary to make any recommendations of note since last year. The provisions of the Factory Act have been complied with generally.

Copy of communication Dis. No. 76-Magl. of 1897, dated 20th March 1897, from M.R.Ry. C. SUBRAMANIA IYER Avergal, Deputy Magistrate, Mélúr Division, to the District Magistrate of Madura.

I have the honour to submit my report under the Factories Act for the year 1896 with the prescribed statements.

2. There is only one factory in this division, viz., "The Madura Mills Company (Limited)" under the management of Messrs. A. and 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 by me four times during the year on the following dates:—

18th March 1896.	20th September 1896.
7th September 1896.	20th December "

5. The prescribed registers have been properly maintained. The ages of children have been certified by the Medical officer, and none below nine years have been entertained. Notices required by section 6, clause 3, and section 7, clause 4 of the Act have been put up in a conspicuous place of the factory. Subjoined is the table showing the interval of rest granted to children as arranged with reference to G.O., No. 1244, dated 13th June 1895:—

	Hour.	Hour.
A shift	6-45 to 7	9-45 to 10 A.M.
B "	7-45 to 8	10-45 to 11
C "	8-45 to 9	11-45 to 12 noon
D "	1-15 to 1-30	4-15 to 4-30
E "	2-15 to 2-30	5-15 to 5-30
F "	3-15 to 3-30	5-45 to 6

The shifts A. B. C. constitute a morning gang working from 6 to 12 and the shifts D. E. F. a separate afternoon gang working from 12 to 6 P.M. with an interval of rest of half an hour during the period of six hours. Thus the children work for $5\frac{1}{2}$ hours and are not allowed rest for 15 minutes per hour as laid down in the said Government Order where the maximum time fixed for work is eight hours with a rest of two hours thereby reducing the number of hours of actual work to 6. The arrangement that is now obtaining in the mill is advantageous to the children as they work only for $5\frac{1}{2}$ hours and the manager assures me that no restraint is placed on the children whenever they want to go out.

6. The children are not employed in machine work. The dangerous parts of the machinery are properly fenced and are not accessible to the operatives and visitors. Experienced adults only are employed in the adjustment of belting on machinery while in motion and all the recommendations mentioned in G.O., No. 1370, dated 27th June 1895, are observed in the mill. There was an accident in the factory during the year in which a boy aged $9\frac{1}{2}$ years was killed. The accident was caused by the boy being drawn up between the tin rollers of a ring frame. Before the body could be released from the frame the boy was dead. The boy would not have been drawn in had he not been under the frame and the manager explained that the boy's duty did not require him to go there. The Sub-Magistrate of Madura Town at once proceeded to the spot and held an inquest in the matter and found that the death was purely an accident.

7. Notices of holidays to be granted every month are regularly sent to this office. The provisions of section 5, clause (*b*) of the Act have been regularly observed when there is a change in the holidays.

8. The women and children are not employed before 5 A.M., and after 8 P.M. The women are, as usual, employed as piece-workers and the E form register is properly maintained. Generally, operatives are not overworked, and the wages are regularly paid to them. A statement referred to in paragraph 4 of the resolution of the Government of India regarding the rates of wages paid by the company as compared with the local rates is also enclosed.

9. The sanitary condition of the factory and the health of the operatives including women and children are good. The building is well ventilated. There is sufficient latrine accommodation. Water-supply for drinking purposes is also sufficient.

10. No prosecutions were instituted under the Act during the year. The manager is, as usual, bestowing every attention to the health and comfort of the operatives and has afforded every facility during inspections.

No. 260-Magl.

Submitted to the Chief Secretary to Government, Judicial Department, with copies of enclosures.

2. The Madura Mills Company was the only factory on the register during the year.

3. The Deputy Magistrate has dealt with all the material points, but has omitted to note that the allowances drawn by the District Medical Officer on account of inspections during the year amounted to Rs. 150 including Rs. 30 on account of inspection of the Railway Factory at Madura.

(Signed) J. TWIGG,
District Magistrate.

3rd April 1897.

Statement showing the rates of wages of the labourers employed in Madura Mills Company in Madura Town and elsewhere.

Place.	Male.	Female.	Children.
	Rate of wages per month.	Rate of wages per month.	Rate of wages per month.
	Rs.	Rs.	Rs.
Madura Town Mills Company (Limited).	8 to 9	5 to 6	3 to 4
Madura taluk rural tracts	5 to 7	4 to 5	2 to 3

Form I.

1	Serial number of factory.	..
2	Name (and locality) of factory.	Madura Mills Company (Limited), Madura town.
3	Nature of industry.	Cotton spinning.
4	Nature of moving power.	By steam.
5	Amount of moving power.	900 I.H.P.
	Average daily number of operatives employed.	
	Adults.	
6	Males.	882
7	Females.	250
8	Total.	1,182
	Children.	
9	Males.	372
10	Females.	..
11	Total.	372
12	Total columns 8 and 11.	1,554
13	Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	By midday stoppages.
14	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.	Holidays on Sundays when suitable; if not then holiday varying on week days.
	Number of accidents reported during the year.	
15	Fatal.	1
16	Serious.	..
17	Minor.	..
18	Total.	1
	Number of inspections held during the year.	
19	By Magistrates.	1
20	By Special Inspector of Factories.	4
21	By Medical officers.	4
22	By other officers (if any).	..
23	Total.	9
24	Remarks.	Total number of Factories Cotton Mills .. 1 / Total .. 1

Appendix.

1	Name of factory.	Madura Mills Company (Limited).
2	Name of Resident Manager.	R. H. Hunter .. / Do. .. / Do. .. / D Templeman.
3	Date of inspection.	18th March 1896. / 9th September 1896. / 28th September 1896. / 20th December 1896.
4	Number of persons at work on date of inspection. Men.	901 / 886 / 997 / 900
	Women.	238 / 225 / 203 / 279
	Children.	477 / 405 / 230 / 362
5	Number of children mustered at inspection.	242 / 213 / 101 / 180
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 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.	Properly fenced.
9	State of water-supply, ventilation, sanitation and accommodation.	
10	Physical condition of Women.	Good.
	Children.	
	Operatives generally.	
11	Number of Persons employed at the end of the year. Men.	932
	Women.	289
	Children.	364
12	Maximum number of hands employed on any day during the year. Adults.	1,233
	Children.	520
13	Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of 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.	..
14	Remarks.	

From G. W. DANCE, Esq., Acting District Magistrate, Malabar, to the Chief Secretary to Government, dated Camp Cannanore, 28th March 1897, No. 449-Magl.

I have the honour to submit my report for the year 1896 on the working of the Indian Factories Act XV of 1881 as amended by Act XI of 1891, together with the prescribed statements.

2. *Number of factories.*—At the beginning of the year under report, there were seven factories in the district which fell within the scope of the Factories Act. One of these, the Malaparamba Plantation House Works, has been exempted from the operations of the Act and removed from the register (*vide* my letter, dated 12th September last, No. 1400-Magl.). The remaining six factories noted below continued to work during the year :—

(1) The Pallicoon Coffee Curing Works, Tellicherry.
(2) Malabar Spinning and Weaving Company (Limited), Calicut.
(3) Mercantile Mission Tile Works, Calicut.
(4) Calicut Tile Works, Calicut.
(5) Basel Mission Tile Works, Kottakal, Ponnáni.
(6) Olavakkót Mission Tile Factory, Palghat.

3. *Inspections.*—The Olavakkót Tile Factory No. 6 was inspected only one and Kotakkal Tile Factory twice during the year. The prescribed number of inspections were made in the case of the remaining factories. The prescribed registers are maintained in all the factories.

4. *Sanitary conditions and arrangements.*—The sanitary conditions and arrangements were, on the whole, fair. The premises were clean and the buildings well-ventilated. The water-supply was ample and of good quality and the latrine accommodation was also satisfactory.

5. *Health of the Operatives.*—The general health of the operatives was good. The factories adopt the system of midday intervals. Sundays and other holidays are allowed. The hours of relaxation prescribed by the rules seem to have been observed. The Deputy Collector, Calicut Division, reports that the operatives appear to take to the factory work much more readily than agricultural or other cooly work.

6. *Wages.*—The wages of the operatives remained the same as in the previous year. They are higher than those earned by the agricultural classes. No complaint of non-payment, overwork, or ill-treatment was made by the operatives during the year under report.

7. *Employment of women and children.*—Children are employed only at the Cotton Mill at Calicut and the Olavakkót Tile Factory in the Palghat taluk. Women are employed at all the factories.

8. The Medical Inspector has inspected all the factories during the year. Factories Nos. 2 and 3 were each inspected four times, and the remaining factories each twice.

9. *Fencing of machinery.*—The machinery is properly fenced and sufficiently protected.

10. *Accidents and prosecutions.*—Four accidents were reported during the year as against nine in the previous year. Two of these occurred at the Cotton Mills at Calicut and one each at the Mercantile Mission Tile Factory at Calicut and the Basel Mission Tile Works at Olavakkót. They were all of a minor nature and were not due to any defect in the fencing of machinery. There were no prosecutions under the Act during the year.

FORM I.

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, (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, (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 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
1. Pallicoon Coffee Curing Works, Tellicherry.	Coffee-curing.	By steam ..	20 horse-power.	45	219	264	..	..	..	264	By shifts and midday stoppages.	Sunday holidays given.	..	..	..	..	..	..	..	..	..	The average monthly wages of males is Rs. 7 and of females Rs. 4.
2. Malabar Spinning and Weaving Company (Limited)—Cotton Mill at Calicut in Panniankara amsom, in Calicut taluk.	Manufacture of cotton yarn.	One compound engine for condensing, capable of working 600 indicated horse-power.	500 indicated horse-power.	409	38	447	38	..	38	485	By midday stoppages.	General holidays on Sundays except when other days are substituted for them in accordance with the Act. Do.	..	2	2	4	..	..	4	..	4	*Abstract.* Total number of factories 6 Cotton mills .. 1 Tile works 4 Coffee works .. 1
3. The Mercantile Mission Tile Works at Calicut in Kottuli amsom, Calicut taluk.	Manufacture of tiles.	Steam engine.	One engine of 23 to 25 horse-power.	170	60	230	..	..	..	230	Do.	Do.	..	..	1	1	3	..	..	4	..	7	Number of factories inspected once .. 1
4 The Calicut Tile Works in Cheruvannur amsom, Calicut taluk.	Do.	Do. ..	One engine of 35 horse-power.	105	7	112	..	..	..	112	Do.	Do.	..	..	..	..	3	..	..	..	..	5	Number of factories inspected twice .. 2
5. Basel Mission Tile Works, Kottakal, Athavanad amsom, Ponnáni taluk.	Do.	Steam engine by Carnots boiler.	14 horse-power.	127	74	201	..	..	..	201	Do.	Do.	..	..	..	..	2	..	2	..	4	4	Number of factories inspected 3 times .. 2
6 Basel Mission Tile Works Olavakkód, Palghat taluk.	Do.	Steam engine.	16 horse-power.	190	50	240	10	..	10	250	Do.	Do.	..	..	1	1	1	2	2	..	5	5	Number of factories inspected 4 times .. 1

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, 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, (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)	Total of (a) to (i).	Under section 15 (2) of the Factory Act.	Total number of persons convicted.	Remarks.
1	2	3	4			5	6	7	8	9	10			11			12		13												14
1. Pallicoon Coffee Curing Works, Tellicherry.	Mr. R Fatham.	18th Mar. 1896.	37	185	..	..	C—No children. D— Do. E—Kept .. Form B kept in the Office of the Joint Magistrate.	(1) Yes, (2) and (3) Yes, but not in a conspicuous place.	Yes ..	Good ..	Good.	..	Good.	..	..	..	474	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	3rd Dec. 1896.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Working season not commenced.
2. The Malabar Spinning and Weaving Company (Limited)—Cotton Mill at Calicut in Panniankara amsom, Calicut taluk.	Mr. W. Moir.	26th Mar. 1896.	414	37	30	30	Maintained.	Yes ..	Yes ..	Fair ..	Good.	Good.	Good.	304	..	27	600	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		29th June 1896.	450	30	42	42																										
		15th Aug. 1896.	560	40	48	48																										
		8th Dec. 1896.	485	39	29	29																										
3. The Mercantile Mission Works at Calicut.	Mr. Kehrer and Mr. Ch. Gephardt in the latter part.	4th May 1896.	148	45	..	..	Do.	Do. ..	Do. ..	Do. ..	Do.	..	Do.	199	73	..	276	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		28th Oct. 1896.	141	51	.	..																										
		22nd Dec. 1896.	163	68	.	..																										

APPENDIX—*cont.*

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, 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, (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 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 Factory Act.	Total number of persons convicted.	Remarks.
1	2	3	4			5	6	7	8	9	10			11			12		13												14
4. The Calicut Tile Works, Cheruvannur amsom, Calicut taluk.	Mr. J. H. Schlunk.	22nd Feb. 1896.	101	8	..	..	Maintained.	Yes. ..	Yes ..	Fair ..	Good.	..	Good.	148	13	..	171	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		28th Aug. 1896.	168	1	..	..																										
		21st Dec. 1896.	138	13	..	..																										
5. Kotakkal Tile Factory in Atavanad amsom, Ponnáni taluk.	Mr. F. Boas.	5th Mar. 1896.	163	108	..	..	Do.	Do. ..	Do. ..	Satisfactory.	Do.	..	Do.	..	..	..	274	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		9th Sept. 1896.	129	60	..	..	Maintained Register E. 4 days in arrears.	Do. ..	Do. ..	Good ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Olavokkót Tile Factory in Palghat taluk.	Mr. J. Banman.	4th Sept. 1896.	224	55	11	..	Maintained ..	Do. ..	Do. ..	Do. ..	Good.	Good.	Good.	..	..	..	253	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..

From G. W. DANCE, Esq., I.C.S., Acting District Magistrate, Malabar, to the Chief Secretary to Government, dated Calicut, 5th April 1897, No. 466-Magl.

In continuation of my report, dated 28th March last, No. 449-Magl., on the working of the Factories Act, I have the honour to state that the maximum number of hands employed on any day during the past year at Olavakkót Tile Factory in the Palghat taluk is 253 adults and ten children. I request that this information may now be entered in column 12 of my statement No. 2, which was left blank.

From W. C. McMURRAY, Esq., Deputy Magistrate and Inspector of Factories, Nilgiris, to the District Magistrate, Nilgiris, dated 8th April 1897, No. 549.

I have the honour to submit my report on the working of the Factories Act in this district during the year 1896, together with the two prescribed statements.

2. The Nilgiri Brewery is the only factory in the district, and was inspected thrice by me and thrice by the Civil Surgeon. The manager was present on all the occasions I inspected the factory.

The working hours are from 7 A.M. to 12 noon and from 1 to 5–30 P.M.; generally the Brewery is closed on Christian and other holidays.

3. At the time of my inspection on 10th June 1896, I observed that the fencing of the steam-engine was defective and pointed out to the manager that an iron railing was necessary. The necessary railing was constructed, and I found it all right during my next inspection.

4. The Civil Surgeon has supplied me with the following notes of his inspections during the year :—

(*a*) All the machinery is properly protected.
(*b*) Water-supply sufficient.
(*c*) The factory is properly ventilated.
(*d*) Sanitary condition is satisfactory.
(*e*) Latrine and urinal accommodations are sufficient and clean.
(*f*) No overcrowding.
(*g*) The provisions of the Factory Act are generally carried out.

I agree with the Civil Surgeon in all these remarks.

5. No women and children are employed in the factory. The general health of the operatives is good, and the wages are, as a rule, paid monthly.

6. There were no accidents during the year under report and no prosecutions under the Act.

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.						Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Midday stoppages from 12 noon to 1 P.M.	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) (*d*) of the Act or (5) otherwise worked.	Coolies present at Brewery for cleaning up purposes from 7 A.M. to 8-30 A.M. Brewery, as a rule, closed on Christian and other holidays.	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 officer.	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	The Nilgiri Brewery, Ootacamund.	Brewing beer.	Stationary engine.	Twelve horse power.	75	..	75	..	..	..	75	Midday stoppages from 12 noon to 1 P.M.		Coolies present at Brewery for cleaning up purposes from 7 A.M. to 8-30 A.M. Brewery, as a rule, closed on Christian and other holidays.	..	..	..	..	3	..	3	..	6	Total number of factories, 1. If was inspected thrice by the Deputy Magistrate and thrice by the Medical officer.

APPENDIX.

1	2	3	4			5	6	7	8	9	10			11			12			13												
Name of factory.	Name of Resident Manager.	Dates of inspection.	Number of persons at work on date of inspection.			Number of children mustered at inspection.	Whether Registers C, D, 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 the 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.						Operatives generally.	Children.	Women.	Men.	Children.	Women.	Adults.	Children.	Total.	Under section 15 (1) of the Factories Act, clauses								Under section 15 (2) of the Act.	Total number of persons convicted.	
																				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total of (a) to (i).			
The Nilgiri Brewery.	Mr. Thomas Leishman.	Deputy Magistrate— 10th June 1896. 16th Sept. ,, 29th Dec. ,,	73 69 55	:	:	None.	No women and children employed. Certificates in Form B are maintained.	Yes	Yes.	Sufficient and satisfactory.	Sound and satisfactory.	:	:	55	:	:	78	:	78	:	:	:	:	:	:	:	:	:	:	:	:	:

No. 576.

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

NILGIRIS, 10*th April* 1897.

(Signed) J. H. A. TREMENHEERE,
Ag. District Magistrate.

From J. H. A. TREMENHEERE, Esq., C.S., Acting District Magistrate, Nilgiris, to the Chief Secretary to Government, dated 26th June 1897, No. 949.

In continuation of my endorsement, No. 576, dated 10th April 1897, I have the honour to report that the amount of the allowances drawn by the medical officer of the district on account of inspection of factories during the year 1896 was Rs. 60 (sixty) only.

From C. H. MOUNSEY, Esq., Acting Collector and District Magistrate of Salem, to the Chief Secretary to Government, Judicial Department, dated 30th March 1897, No. 358 M.

I have the honour to submit my report on the working of the Railway factory at Jalarpet for the year 1896, together with the copies of the prescribed statements received from the Sub-Divisional Magistrate, Tiruppattúr.

2. In Board's Proceedings (Separate Revenue), No. 416, dated 16th October 1896, the Board called for an explanation as to why the Jalarpet Railway Workshop was omitted to be shown in the report on the working of the Indian Factories Act for 1895 or in the statement of Indigo Factories and Vats. It was reported that the workshop was included by the Inspector of Railway Factories in the returns submitted by him and that if directed it would be included in future in the returns and reports submitted from my office. The Board's reply is awaited, and so I am still doubtful whether my report on the Railway Factory is necessary.

1	1	Serial number of factory.																							
Jalarpet Workshop and Engine-shed.	2	Name (and locality) of factory.																							
Locomotive and carriage and waggon works.	3	Nature of industry.																							
For driving machinery.	4	Nature of moving power.																							
One stationary engine equal to 10 horse power.	5	Amount of moving power.																							
		Average daily number of operatives employed.																							
	6	Adults.	Males.																						
	7		Females.																						
	8		Total.																						
	9	Children.	Males.																						
	10		Females.																						
	11		Total.																						
	12	Total of columns 8 and 11.																							
By midday stoppages from 11 A.M. to 12–30 P.M. daily.	13	Whether the factory is worked mainly (1) by shifts, (2) by midday stoppages, or (3) otherwise.																							
No work on Sundays and no pay. Half holiday on Saturdays.	14	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.																							
	15		Fatal.																						
	16		Serious.																						
	17		Minor.																						
	18		Total.																						
		Number of inspections held during the year.																							
	19		By Magistrates.																						
	20		By Special Inspectors of Factories.																						
	21		By Medical Officers.																						
	22		By other officers (if any).																						
	23		Total.																						
1	24	Remarks.																							
Jalarpet Workshop and Engine-shed.																									
Locomotive and carriage and waggon works.																									
For driving machinery.																									
One stationary engine equal to 10 horse power.																									
	70																								
	..																								
	70																								
	..																								
	..																								
	70																								
By midday stoppages from 11 A.M. to 12–30 P.M. daily.																									
No work on Sundays and no pay. Half holiday on Saturdays.	..																								
	..																								
	1																								
	1																								
	*1																								
	4																								
	1																								
	..																								
	6	* 29th March 1897.																							

1	Name of factory.		
Jalarpet Railway Workshop and Engine-shed.			
2	Name of Resident Manager.		
Mr. P. Neville.			
3	Date of inspection.		
* 29th March 1897.			
4	Number of persons at work on date of inspection.	Men.	70
		Women.	..
		Children.	..
5	Number of children mustered at inspection.		..
6	Whether Registers C, D and E and the file of certificates 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.		Yes.
8	Whether machinery is properly fenced or not.		Yes.
9	State of water-supply, ventilation, sanitation and accommodation.		Good.
10	Physical condition of	Women.	..
		Children.	..
		Operatives generally.	Good.
11	Number of persons employed at the end of the year.	Men.	71
		Women.	..
		Children.	..
12	Maximum number of hands employed on any day during the year.	Adults.	71
		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 (*a*) to (*i*).	..
		Under section 15 (2) of the Factories Act.	..
		Total number of persons convicted.	..

From A. W. B. HIGGENS, Esq., District Magistrate of the Tinnevelly district, to the Chief Secretary to Government, dated 29th March 1897, Dis. No. 135-Magl.

I have the honour to submit the following report on the working of the Indian Factories Act in the district of Tinnevelly for the year 1896.

2. There were nine factories working in the beginning of the year. One was newly brought to the register in the year under report, and two, viz., Messrs. Milligan & Co.'s Press at Tuticorin and the Ettiyapuram Cotton Ginning Factory, which were working only in the first quarter of the year, and therefore were not "factories" under the Act, were removed from the register as they ceased to work afterwards. The names of the eight factories that were actually under the operation of the Act during the year are shown in statement No. I.

3. *Inspection.*—The number of inspections made by the Sub-Divisional Magistrates and by the District Medical and Sanitary Officer in each factory is shown below :—

	Number of inspections by Sub-Divisional Magistrates.	Number of inspections by the District Medical and Sanitary Officer.
Factory No. 1	3	3
„ „ 2	1	1
„ „ 3	2	1
„ „ 4	2	2
„ „ 5	1	1
„ „ 6	1	2
„ „ 7	3	3
„ „ 8	4	2

The Ettiyapuram Cotton Ginning Factory and Messrs. Milligan & Co.'s Press were also inspected once by the District Medical and Sanitary Officer in the beginning of the year while they were working. The District Medical and Sanitary Officer reports that most of the factories inspected by him only once did not work during the whole year. As regards factory No. 6, the Sub-Divisional Magistrate reports that he could not inspect it more than once as he was called away to be in charge of the District Treasury at the time he intended to go in November, and was prevented by illness and heavy floods from inspecting it in December. The Joint Magistrate, in whose division factories Nos. 2 and 5 are situated, does not give any reason for his failure to inspect them more than once, but the reason is apparently that cotton presses do not work all the year round.

4. Statement No. I shows the results of the inspection of each factory. The results are, on the whole, good. Except in the Coral Mills, Tuticorin, a very fair number of the children employed have been mustered at each inspection by the Divisional Magistrates. The prescribed registers are kept up in all the factories. In the Tinnevelly Mills, register B is reported not to have been properly maintained. Necessary orders have been issued to maintain it properly.

5. The machinery is reported to be properly fenced and in good order in all the factories. The water-supply and ventilation are also reported to be good. As regards sanitation, the Joint Magistrate brings to notice that the New Berar Company's latrine should be better cemented and that at Messrs. Dymes & Co.'s Press the erection of latrines is receiving attention. The Joint Magistrate has been requested to see that these defects are rectified at once.

6. *Health of Operatives.*—This is reported to be generally good in all the factories. The District Medical and Sanitary Officer noticed two or three children in Koilpatti Spinning Mills to be of bad physique, and he has drawn the attention of the certifying surgeon to the matter.

7. *Wages.*—The wages obtained by men, women and children are given below, as reported by the Sub-Divisional Magistrates :—

(1) Coral Mills Company—

	Rs.	A.	P.	
Men	5	12	2	per mensem.
Women	3	0	9	
Children	2	10	0	

(2) Volkhart Brothers—

Men	0	4	0	per day.
Women	0	2	0	

(3) New Berar Company .. .. 0 4 0 „

(4) Ralli Brothers—

Men	0	4	0	per 100 bales.
Women	0	2	0	

(5) Dymes & Co.—

Wages not stated. Work is given out on contract.

(6) Tinnevelly Mills—

Reported to be almost the same as in last year, viz. :—

	Rs.	A.	P.	
Men	6	11	0	per mensem.
Women	4	12	6	
Children	1	10	10	

(7) Koilpatti Spinning Company—

Men	0	3	3	per day.
Women	0	1	6	
Children	0	1	6	

(8) Pettai Sugar Refining Company—

Men .. .. 3 to 4 annas a day.
Women .. .. 2 annas and 6 pies a day.

The daily wages in factories Nos. 2, 3 and 4 are rather high when compared with other factories. This is probably due to these three factories working at irregular intervals, and not keeping on their servants by the month. The low rate of wages paid by the Koilpatti Spinning Company is due to the circumstance that the factory hands are housed on the premises and are constantly employed.

8. *Employment of Children.*—As in the previous year, it is only in the three spinning mills (Coral, Tinnevelly and Koilpatti) that children are employed. They are given only light work. There has been no complaint of overwork.

9. *Accidents.*—In the Joint Magistrate's division, there were three accidents—one in the Coral Mills and the other two in Ralli Brothers' Press. All were slight and were caused by the carelessness of the workmen. In the Tinnevelly Mills, there were two accidents—one to a stranger who put his hand into a roller, the other to a mill-worker whose right arm was injured through carelessness. Both injuries were slight and were soon cured. In the Koilpatti Spinning Mills, there were six accidents which are all reported to have been slight. In the Pettai Sugar Refining Factory, there was one accident, consisting in the squeezing of one of the fingers of the right hand of a mill-worker. The man was soon cured.

10. There were no prosecutions under the Act in the year.

11. The amount of fees earned by the District Medical and Sanitary Officer for the inspection of each factory is shown below :—

	Rs.
(1) Coral Mills Company, Tuticorin	120
(2) Volkhart Brothers' Press	20
(3) New Berar Company's Cotton Press	20
(4) Ralli Brothers' Cotton Press	40
(5) Dymes & Co.'s Cotton Press	20
(6) Tinnevelly Mills Company, Pápanásam	80
(7) Koilpatti Spinning Company	120
(8) Pettai Sugar Refining Company	25
(9) Milligan & Co.	20
(10) Ettiyapuram Cotton Ginning Factory	20
Total ..	485

From A. W. B. HIGGENS, Esq., District Magistrate of the Tinnevelly district, to the Chief Secretary to Government, dated 29th March 1897, Dis. No. 135-Magl.

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3. *Inspection.*—The number of inspections made by the Sub-Divisional Magistrates and by the District Medical and Sanitary Officer in each factory is shown below :—

	Number of inspections by Sub-Divisional Magistrates.	Number of inspections by the District Medical and Sanitary Officer.
Factory No. 1	3	3
„ „ 2	1	1
„ „ 3	2	1
„ „ 4	2	2
„ „ 5	1	1
„ „ 6	1	2
„ „ 7	3	3
„ „ 8	4	2

The Ettiyapuram Cotton Ginning Factory and Messrs. Milligan & Co.'s Press were also inspected once by the District Medical and Sanitary Officer in the beginning of the year while they were working. The District Medical and Sanitary Officer reports that most of the factories inspected by him only once did not work during the whole year. As regards factory No. 6, the Sub-Divisional Magistrate reports that he could not inspect it more than once as he was called away to be in charge of the District Treasury at the time he intended to go in November, and was prevented by illness and heavy floods from inspecting it in December. The Joint Magistrate, in whose division factories Nos. 2 and 5 are situated, does not give any reason for his failure to inspect them more than once, but the reason is apparently that cotton presses do not work all the year round.

4. Statement No. I shows the results of the inspection of each factory. The results are, on the whole, good. Except in the Coral Mills, Tuticorin, a very fair number of the children employed have been mustered at each inspection by the Divisional Magistrates. The prescribed registers are kept up in all the factories. In the Tinnevelly Mills, register B is reported not to have been properly maintained. Necessary orders have been issued to maintain it properly.

5. The machinery is reported to be properly fenced and in good order in all the factories. The water-supply and ventilation are also reported to be good. As regards sanitation, the Joint Magistrate brings to notice that the New Berar Company's latrine should be better cemented and that at Messrs. Dymes & Co.'s Press the erection of latrines is receiving attention. The Joint Magistrate has been requested to see that these defects are rectified at once.

6. *Health of Operatives.*—This is reported to be generally good in all the factories. The District Medical and Sanitary Officer noticed two or three children in Koilpatti Spinning Mills to be of bad physique, and he has drawn the attention of the certifying surgeon to the matter.

7. *Wages.*—The wages obtained by men, women and children are given below, as reported by the Sub-Divisional Magistrates :—

(1) Coral Mills Company—

	Rs.	A.	P.	
Men	5	12	2	per mensem.
Women	3	0	9	
Children	2	10	0	

(2) Volkhart Brothers—

Men	0	4	0	per day.
Women	0	2	0	

(3) New Berar Company .. .. 0 4 0 „

(4) Ralli Brothers—

Men	0	4	0	per 100 bales.
Women	0	2	0	

(5) Dymes & Co.—

Wages not stated. Work is given out on contract.

(6) Tinnevelly Mills—

Reported to be almost the same as in last year, viz. :—

	Rs.	A.	P.	
Men	6	11	0	per mensem.
Women	4	12	6	
Children	1	10	10	

(7) Koilpatti Spinning Company—

Men	0	3	3	per day.
Women	0	1	6	
Children	0	1	6	

(8) Pettai Sugar Refining Company—

Men	3 to 4 annas a day.
Women	2 annas and 6 pies a day.

The daily wages in factories Nos. 2, 3 and 4 are rather high when compared with other factories. This is probably due to these three factories working at irregular intervals, and not keeping on their servants by the month. The low rate of wages paid by the Koilpatti Spinning Company is due to the circumstance that the factory hands are housed on the premises and are constantly employed.

8. *Employment of Children.*—As in the previous year, it is only in the three spinning mills (Coral, Tinnevelly and Koilpatti) that children are employed. They are given only light work. There has been no complaint of overwork.

9. *Accidents.*—In the Joint Magistrate's division, there were three accidents—one in the Coral Mills and the other two in Ralli Brothers' Press. All were slight and were caused by the carelessness of the workmen. In the Tinnevelly Mills, there were two accidents—one to a stranger who put his hand into a roller, the other to a mill-worker whose right arm was injured through carelessness. Both injuries were slight and were soon cured. In the Koilpatti Spinning Mills, there were six accidents which are all reported to have been slight. In the Pettai Sugar Refining Factory, there was one accident, consisting in the squeezing of one of the fingers of the right hand of a mill-worker. The man was soon cured.

10. There were no prosecutions under the Act in the year.

11. The amount of fees earned by the District Medical and Sanitary Officer for the inspection of each factory is shown below :—

	Rs.
(1) Coral Mills Company, Tuticorin	120
(2) Volkhart Brothers' Press	20
(3) New Berar Company's Cotton Press	20
(4) Ralli Brothers' Cotton Press	40
(5) Dymes & Co.'s Cotton Press	20
(6) Tinnevelly Mills Company, Pápanásam	80
(7) Koilpatti Spinning Company	120
(8) Pettai Sugar Refining Company	25
(9) Milligan & Co.	20
(10) Ettiyapuram Cotton Ginning Factory	20
Total ..	485

APPENDIX.

1	2	3	4				5		6	7	8	9	10				11	
			Number of persons at work on the date of inspection.				Number of children mustered at inspection.						Number of persons employed at the end of the year.				Maximum number of hands employed on any one day of the year.	
			Adults.		Children.								Adults.		Children.			
Name and description of the factory.	Name of Resident Manager.	Date of inspection.	Males.	Females.	Males.	Females.	Males.	Females.	Whether registers C, D and E and the files 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.	Males.	Females.	Males.	Females.	Adults.	Children.
1. Coral Mills Company, Limited, Tuticorin.	Mr. Howorth.	10th Jan. 1896.	570	316	36	..	No muster.		E is not kept up as women are employed on piece-work only C and D kept. Also certificates in form B.	Yes	Yes ..	Ventilation and accommodation appear sufficient.	472	328	115	..	800	115
	Mr. Vaughan ..	17th Sept. 1896.	515	275	50	..	45	..	Do. ..	Yes	Yes ..	Ventilation and accommodation good. Water-supply and sanitation sufficient.	..	..	..	..	..	..
	Do. ..	23rd Dec. 1896.	516	262	52	..	39	..	Do. ..	Yes	Yes ..	Good ..	..	..	..	..	..	..
2. Volkart Brothers, Tuticorin.	Mr. G. Zellweger.	31st Aug. 1896.	Not working on date of inspection.				No children ever employed.		B, C, D not kept, as no children employed.	Yes	Yes ..	Good ..	34	15	..	..	49	..
3. New Berar Company, Tuticorin.	Mr. L. A. Montclair.	30th Apr. 1896.	40	12	..	..	..	..	The labour is contracted for, but the number of operatives is registered.	Yes	Yes ..	Good. The latrines should be better cemented	30	17	..	..	47	..
	Mr. H. Maccornac.	17th Sept. 1896.	25	25	..	..	..	..	B, C, D not kept, as no children employed. E not kept.	Yes	Yes ..	Good ..						
4. Messrs. Ralli Brother's Press, Tuticorin.	Mr. John Cavadias	1st May 1896.	62	30	..	..	..	..	The labour is contracted for. The registers are maintained.	Yes	Yes ..	Good throughout.	32	8	..	..	Average daily number during working days.	
	Do. ..	31st Dec. 1896.	106	30	..	..	..	..	....	Yes	Yes ..	Good ..	78	30	..	..	108	..

APPENDIX—*cont.*

1	2	3	4				5		6	7	8	9	10				11	
			Number of persons at work on the date of inspection.				Number of children mustered at inspection.						Number of persons employed at the end of the year.				Maximum number of hands employed on any one day of the year.	
			Adults.		Children.								Adults.		Children.			
Name and description of the factory.	Name of Resident Manager.	Date of inspection.	Males.	Females.	Males.	Females.	Males.	Females.	Whether registers C, D and E and the files 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.	Males.	Females.	Males.	Females.	Adults.	Children.
5. Messrs. Dymes and Co., Tuticorin.	Mr. F. H. Walthew.	29th Apr. 1896.	22	31	..	..	..	..	Labour is contracted for, but the registers are maintained.	Yes	Yes ..	Good. The factory has only recently come under the Act, and the erection of latrines is receiving attention.	Pressing time 100 Ginning ,, 49	Pressing time 20 Ginning ,, 8	..	.	120	..
6. Tinnevelly Mills Company, Limited, Papanasam.	Mr. R. H. Hunter.	3rd June 1896.	293	146	36	..	34	..	B Form certificates kept in loose sheets but not properly filed. C, D and E registers properly maintained.	Yes ..	Yes ..	All good water-supply abundant.	321	145	72	..	501	55
7. Koilpatti Spinning Mills Company, Limited, Koilpatti.	....	30th Sept. 1896.	386	94	226	..	Almost all the children at work.		Yes .	Yes ..	Yes ..	Water-supply good. Ventilation and accommodation sufficient. Sanitation good.	372	81	257	..	513	241
	....	12th Dec. 1896.	341	79	239	..	50	..										
8. Pottai Sugar Refining Company, Limited, Tinnevelly.	Mr. M. Narayanasami Naidu.	19th Dec. 1896.	122	6	..	..	..	..	Registers maintained.	Yes. They are put up in front of the mills.	Yes. Properly fenced.	Water is supplied through the pipes. Good.	107	5	..	..	143	..

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.							Whether the factory is worked mainly by shift, or (2) by midday stoppages, or (3) otherwise.	Whether a general holiday is ordinarily given (1) on Sundays, (2) on varying week days, or (3) whether factory is exempted, &c.	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 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	Coral Mills & Co., Tuticorin.	Cotton spinning.	Steam ..	600 horse-power.	472	328	800	115	..	115	915	By midday stoppages.	Holidays on Sundays if suitable; if not, then holiday varying on week days.	..	..	1	1	3	..	3	..	6	
2	Volkart's United Press, Tuticorin.	Pressing cotton.	Do. ..	35 horse-power.	34	15	49	..	..	..	49	Daily stoppages from 12 to 12-30 on days on which factory not worked by shifts.	General holiday on Sunday or at least once a week.	..	..	..	..	1	..	1	..	2	
3	New Berar Co., Tuticorin.	Cotton cleaning, pressing and shipping.	Do. ..	16 horse-power.	30	17	47	..	..	..	47	Half an hour stoppages between 12 and 2 o'clock.	Closed one day in a week.	..	..	..	..	2	..	1	..	3	
4	Messrs. Ralli Brothers Press, Tuticorin.	Cotton pressing.	Do. ..	25 horse-power.	78	30	108	..	..	..	108	Stoppage from 12 to 12-30.	Closed every Sunday.	..	..	2	2	2	..	2	..	4	
5	Messrs. Dymes & Co., Tuticorin.	Cotton pressing and ginning.	Pumping engine for pressing and steam for ginning.	25 horse-power.	Pressing time. 100	49	149	..	..	..	149	Half an hour stoppage between 12 and 2 P.M.	Holidays on varying week days.	..	..	..	..	1	..	1	..	2	
					Ginning time. 49	8	57	..	..	..	57													

Form I—*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 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, or (3) whether factory is exempted, &c.	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 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
6	Tinnevelly Mills and Co. (Limited), Papanasam.	Cotton spinning.	Water.	500 horse-power.	310	143	453	63	..	63	516	By midday stoppages.	Holidays on Sundays; if not, holiday in one of the three days preceding or succeeding Sundays.	..	..	2	2	1	..	2	..	3	
7	Koilpatti Spinning Mills Company (Limited), Koilpatti.	Cotton spinning and yarn manufacturing.	Steam ..	500 horse-power.	390½	86½	477	97½	116½	214	691	Shift system is not in force. The factory is worked by midday stoppage of one hour from 12 noon to 1 P.M. for males and one hour and a half from 11-45 A.M. to 1-15 P.M. for females.	Sunday is a general holiday, besides there are other holidays in the week. The factory not exempt under section 5 (*b*), 2 (*c*), or 2 (*d*).	..	..	6	6	3	..	3	..	6	
8	Pettai Sugar Refining Company (Limited), Tachanallur.	Sugar refining.	Do. ..	68 horse-power.	132	11	143	..	..	..	143	The factory is worked by stoppages. It is stopped half an hour between 12 and 12-30 o'clock.	On varying week days or Sundays	..	..	1	1	4	..	2	..	6	

From E. SCOTT, Esq., Acting Principal Assistant Magistrate, Vizagapatam, to the District Magistrate, Vizagapatam, dated 22nd February 1897.

I have the honour to submit my report on the working of the Factories Act in my division for the year 1896.

2. The Gunny Factory at Chittivalasa is the only factory in the division. It was inspected thrice during the year in the presence of the manager.

3. The motive power was the same as in the previous year.

4. The work at the factory was carried on daily for 11 hours except on Saturday when the operatives worked 10½ hours. On Sundays and ten important holidays, the factory was closed.

5. Wages depend upon the nature of the work and in some cases on the outturn. Excluding overseers, mechanics, carpenters, chucklers and peons, the best paid workmen are weavers, river-bund watchers, engine lascars and firemen, whose average monthly pay is Rs. 3–15–7 to Rs. 4–1–2. Oilers, calenderers, teaxers, hydraulic pressmen, stitchers, cloth-cutters, beamers, carders and wood-yard coolies earn from Rs. 3 to Rs. 3–13–1. The earnings of rovers, sweepers, jute-batchers, drawers and spinners vary from Rs. 2–4–5 to Rs. 2–13–6. Winders earn Rs. 1–12–4. Women are employed chiefly as jute-batchers, drawers, rovers, winders, stitchers and coolies. On the whole, the earnings of the operatives do not differ from those of ordinary labourers.

6. Register A is maintained in my office.

7. A statement showing the details of accidents is enclosed.

	Rs.	A.	P.
Cost of medicine supplied ..	244	2	0
Subscription to the hospital ..	240	0	0
Fees to medical officer for his visits	120	0	0

8. Certificates of age of the operatives are granted by the medical subordinate stationed at Bimlipatam. The fees, &c., paid to the medical officers were as noted in the margin.

No. 385.

Submitted to Government.

2. The prescribed number of medical inspections, viz., four was made by the medical subordinate in independent charge, Bimlipatam, and an allowance of Rs. 120 has been drawn by him for the purpose.

3. There were five accidents during the year as against nine in the previous year. Of these only one was serious. All the injured persons returned to work when they recovered.

4. The working of the factory was, on the whole, satisfactory.

Vizagapatam,
31*st March* 1897.

(Signed) H. L. BRIDWOOD,
for *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.						Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise.	Midday stoppages of 1½ or 2 hours.	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	Chittivalasa Gunny Factory, Chittivalasa, Bimlipatam taluk, Vizagapatam district.	Jute spinning and weaving.	Steam power.	270 indicated horse-power.	657	87	744	61	9	70	814	..	Sunday is a general holiday.	..	1	4	5	3	..	4	..	7	*Abstract.* Total number of factories .. 1 Jute Mills .. 1 Number of factories inspected three times during year .. 1
	District Totals (6 to 12, and 15 to 23).	..	..	..	657	87	744	61	9	70	814	..	..	..	1	4	5	3	..	4	..	7	

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 (a) to (i).		
Chittivalasa Gunny Factory.	Mr. John Innes ..	2nd June 1896.	665	80	37	37	Yes ..	Yes ..	Yes ..	Good and sufficient.	Fit.	Fit.	Fit.	663	95	86	781	83	..	..	..	..	..	..	..	..	..	..	..	..
Do.	Do. ..	10th Aug ,,	662	84	34	34	Yes ..	Yes ..	Yes ..	Do.	Fit.	Fit.	Fit.																	
Do.	Do. ..	6th Nov. ,,	651	87	41	35	Yes ..	Yes ..	Yes ..	Do.	Fit.	Fit.	Fit.																	

STATEMENT showing the details of accidents which occurred in the Gunny Factory at Chittivalasa during the year 1896.

No.	Date of accident.	Name of the person injured.	Details of accidents.	Remarks.
1	24th January 1896.	Gidijala Yerrayya..	While the operative was cutting a piece of wood, his hand slipped on to the revolving saw.	Returned to duty on 1st March 1896.
2	5th February 1896.	Dumpa Sanyasi ..	The operative fell against a glass window while lifting a bag of coal and broke the glass. His right arm was lacerated.	Returned to duty on 11th February 1896.
3	1st July 1896 ..	Erusu Gurayya ..	The flyers of a roving frame taking hold of the operative's cloth and dragging it from his body, he suffered pain above his left hip.	Returned to duty on 13th July 1896.
4	3rd December 1896.	Madabattula Mutyalu.	The head sling of a tackle gave way while the injured person was raising a bale of empty bags. The bale fell to the ground striking him on his back.	Returned to duty on 14th December 1896.
5	9th December 1896.	Ellapellu Gurayya..	The person allowed his right hand too near the drawing rollers when putting in a sliver and got his right forefinger crushed.	Returned to duty on 23rd December 1896.

VIZAGAPATAM,
31*st March* 1897.

(Signed) W. O. HORNE,
Ag. District Magistrate.

From T. R. SCOVELL, Esq., Inspector of Railway Factories, Madras, to the Chief Secretary to Government, dated 20th February 1897, No. 682.

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 1896, together with the returns prescribed therein.

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.							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 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
	Madras Railway.																						
1	Perambur Workshops in Siruvallur village, Saidapet taluk, Chingleput district.	Locomotive and Carriage and Waggon works.	For driving machinery.	4 stationary engines equal to 472 horse power.	3,127	..	3,127	..	..	..	3,127	By midday stoppages from 11 A.M. to 12-30 P.M. daily.	General holiday on Sundays.	1	10	3	14	..	..	4	3	7	
2	Arkonam Engineering Workshops, North Arcot district.	Miscellaneous wrought timber and iron works.	For working circular saws, latches, and drilling machines.	2 engines, 6 and 12 horse-power each.	229	..	229	..	..	..	229	By midday stoppages from 11 to 1 P.M. daily	Do.	..	..	..	..	..	..	..	3	3	*Abstract.* Total number of factories 12 Iron works and foundries 12
3	Arkonam Telegraph Engineering Workshops, North Arcot district.	Electric telegraphs, &c.	Manual labour.	..	115	3	118	..	..	..	118	Do.	Do.	..	..	2	2	..	..	1	3	4	Number of factories inspected less than thrice during the year .. 2 Inspected thrice .. 9 More than thrice .. 1 Total .. 12
4	Jalarpet Workshop and Engine shed, Salem district.	Locomotive and Carriage and Waggon works.	For driving machinery.	1 stationary engine equal to 10 horse-power.	76	..	76	..	..	..	76	By midday stoppages from 11 A.M. to 12-30 P.M. daily.	Do.	..	..	..	..	..	..	..	3	3	
5	Podanur Workshop and Engine shed, Coimbatore district.	Do.	Do.	1 stationary engine equal to 20 horse-power.	64	..	64	..	..	..	64	Do.	Do.	..	..	..	..	..	..	..	4	4	

Form No. I—*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 sections 5-B (2) (c), or (4) under sections 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 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
	South Indian Railway.																						
6	Locomotive and Carriage Shops, Egmore, Madras District.	Machinery and works for engines and rolling-stock.	Hand power.	..	201	..	201	..	..	..	201	By stoppages from 11-20 A.M. to 12-40 P.M. Monday to Friday, and Saturday after 11-20 A.M.	General holiday on Sundays.	..	..	1	1	..	..	..	3	3	
7	Locomotive and Carriage Shops, Cuddalore, South Arcot District.	Do.	1 Portable engine.	10 horse-power.	183	..	183	..	..	..	183	Do.	Do.	..	..	..	..	..	..	..	2	2	
8	Locomotive and Carriage Shops, Negapatam, Tanjore District.	Do.	5 Horizontal stationary engines.	2 of 25 horse-power. 2 of 18 horse-power. 1 of 15 horse-power.	1,925	..	1,925	..	..	..	1,925	Do.	Do.	..	..	4	4	..	..	3	3	6	
9	Trichinopoly Engineering Workshops, Trichinopoly District.	Maintenance way works, sundry carpenter's and blacksmith's works.	3 Portable engines.	2 of 10-horse-power each. 1 of 8 horse-power.	326	..	326	9	..	9	335	Do.	Do.	..	..	..	..	..	..	4	3	7	

FORM No. 1—*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.						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 sections 5-B (2) (*d*), of the Act, or (5) otherwise worked.	Number of accidents, &c., 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	17	23	24
	South Indian Railway—cont.																						
10	Locomotive and Carriage Shops, Madura, Madura district.	Machinery and works for engines and rolling-stock.	1 Horizontal stationary engine.	25 horse-power.	198	..	198	..	..	..	198	By stoppages from 11–20 A.M. to 12–40 P.M. Monday to Friday, and Saturday after 11–20 A.M.	General holiday on Sundays.	..	..	..	..	..	..	..	3	3	
11	Locomotive and Carriage Shops, Pákala, North Arcot district.	Do.	Hand power.	..	102	..	102	..	..	..	102	Do.	Do.	..	..	..	..	..	..	..	2	2	
	East Coast Railway.																						
12	Locomotive and Carriage Workshops, Waltair, Vizagapatam district.	Locomotive and Carriage and Wagon works.	Steam portable engines.	1 of 25 horse-power. 1 of 20 horse-power. 3 of 10 horse-powers.	527	..	527	..	..	..	527	By midday stoppages 8½ hours working every day.	Do.	1	1	2	4	..	..	..	3	3	

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 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 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*).			
1	2	3	4			5	6	7	8	9	10			11			12		13												14
Madras Railway.																															
Perambúr Workshop.	Mr. C. E. Phipps.	7th Feb. 1896.	2,715	..	..	..	..	Yes ..	Securely fenced.	Clean and well ventilated.	..	..	Good.	3,154	..	..	3,154	..	..	..	..	..	..	..	..	..	..	..	..	..	
		10th Aug. do.	2,572																												
		8th Dec. do.	2,831																												
Arkonam Engineering Workshop.	Mr. G. K. Winter.	27th Jan. do.	183	..	..	..	..	Do. ..	Do.	Do.	..	..	Do.	268	..	..	298	..	..	..	..	..	..	..	..	..	..	..	..	..	
		14th Aug. do.	255																												
		10th Nov. do.	274																												
Arkonam Telegraph Engineering Workshops.	Do.	27th Jan. do.	116	..	..	..	Register E is kept.	Do. ..	Do.	Do.	..	..	Do.	138	..	..	148	..	..	..	..	..	..	..	..	..	..	..	..	..	
		14th Aug. do.	112																												
		10th Nov. do.	104																												
Jalarpet Engine-shed and Workshops.	Mr. P. Neville.	29th Jan. do.	64	..	..	..	..	Do. ..	Do.	Do.	..	..	Do.	69	..	..	71	..	..	..	..	..	..	..	..	..	..	..	..	..	
		2nd Nov. do.	70																												
		11th Dec. do.	71																												
Podanur Engine shed and Workshops.	Mr. J. T. Davis.	31st Jan. do.	60	..	..	..	..	Do. ..	Do.	Do.	..	..	Do.	68	..	..	68	..	..	..	..	..	..	..	..	..	..	..	..	..	
		22nd June do.	58																												
		19th Aug. do.	65																												
		23rd Oct. do.	62																												
South Indian Railway.																															
Locomotive and Carriage Shops at Egmore, Madras.	Mr. A. J. Cross.	21st Jan. do.	235	..	..	..	..	Do. ..	Do.	Do.	..	..	Do.	201	..	..	252	..	..	..	..	..	..	..	..	..	..	..	..	..	
		20th July do.	247																												
		24th Nov. do.	252																												
Locomotive and Carriage Shops at Cuddalore.	Mr. C. H. Thew.	23rd Jan. do.	88	..	..	..	..	Do. ..	Do.	Do.	..	..	Do.	183	..	..	199	..	..	..	..	..	..	..	..	..	..	..	..	..	
		10th June do.	80																												

APPENDIX.

1	2	3	4			5	6	7	8	9	10			11			12		13										14
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.									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).		
South Indian Railway—cont.																														
Locomotive and Carriage Shops at Negapatam.	Mr. C. E. Crighton.	25th Jan. 1896. 13th June do. 25th July do.	2,385 2,336 2,325	..	..	..	..	Yes ..	Securely fenced.	Clean and well ventilated.	..	..	Good.	1,925	..	..	2,579	..												
Engineering Workshops at Trichinopoly.	Mr. W. H. Spalding.	30th Jan. do. 14th Aug. do. 10th Dec. do.	335 329 368	..	20 10 5	19 10 5	Registers C and D and the file of certificates in Form B are kept.	Do. ..	Do.	Do.	..	..	Do.	198	..	..	208	..												
Locomotive and Carriage Shops at Madura.	Mr. J. Hannen.	27th Jan. do. 16th June do. 27th July do.	205 208 202	..	..	..	..	Do. ..	Do.	Do.	..	..	Do.	102	..	..	102	..												
Locomotive and Carriage Shops at Pákala.	Mr. B. Hyde.	10th Nov. do. 3rd Dec. do.	100 101	..	..	..	..	Do. ..	Do.	Do.	..	..	Do.	732	..	..	1,027	..												
East Coast Railway.																														
Locomotive and Carriage Shops at Waltair.	Mr. W. A. Harper.	7th Feb. do. 10th July do. 1st Sept. do.	893 957 988	..	..	..	Certificates in Form B are kept.	Do. ..	Do.	Do.	..	..	Do.	..	..	..	..	..												

Report on the Railway Factories for the year 1896.

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

Name and description of factory.	First inspection.	Second inspection.	Third inspection.	Fourth inspection.
Madras Railway.	1896.	1896.	1896.	1896.
Perambúr (Locomotive and Carriage Shops) ..	7th February ..	10th August ..	8th December.	
Arkonam (Engineering Workshops)	27th January ..	14th do. ..	10th November.	
Arkonam (Telegraph do.)	27th do. ..	14th do. ..	10th do.	
Jalarpet (Engine-shed and Workshops) ..	29th do. ..	2nd November.	11th December.	
Podanur (do. do.) ..	31st do. ..	22nd June ..	19th August ..	23rd October.
South Indian Railway.				
Madras Egmore (Engine-shed)	21st January ..	20th July ..	24th November.	
Cuddalore (do.)	23rd do. ..	10th June ..	(*a*)	
Negapatam (Locomotive and Carriage Shops) ..	25th do. ..	13th do. ..	25th July.	
Trichinopoly (Engineering shed)	30th do. ..	14th August ..	10th December.	
Madura (Engine-shed)	27th do. ..	16th June ..	27th July.	
Pákala (do.)	10th November.	3rd December.	(*b*).	
East Coast Railway.				
Waltair (Locomotive and Carriage Shops) ..	7th February .	10th July ..	1st September.	

(*a*) and (*b*). These factories were not inspected for the third time owing to the Consulting Engineer's office being short-handed during the latter portion of the year.

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

Read—the following papers :—

From the District Magistrate, North Arcot, dated 6th Feb. 1897, No. 174.
" " " Chingleput " 6th " " " 87.
" " " Cuddapah " 21st " " " 140.
" " " Kurnool " 25th March " " —
" " " Tanjore " 29th " " " 299.
" " " Trichinopoly " 31st " " " 283.
" " " Nellore " 7th April " " —

Abstract.—Stating that no factories were at work in the district during the year 1896.

Order—No. 945, Judicial, dated 3rd July 1897.

The foregoing reports relate to the working of the Factories Act in this Presidency during 1896. Most of them were received by, or shortly after, the prescribed date, but a delay of three weeks occurred in the case of the reports from the District Magistrates of South Arcot and Gódávari.

2. The returns from the several districts call for the following remarks :—

(*a*) *Anantapur.*—Notwithstanding the instructions in G.O., No. 1075, Judicial, dated 26th June 1896, which were repeated in G.O., No. 120, Judicial, dated 26th January 1897, the District Magistrate has submitted the report of the Gooty Deputy Magistrate on the factories in his division. Columns (23) of Form I and (10) of the appendix have not been filled up.

(*b*) *South Arcot.*—It is presumed that the District Magistrate has taken steps to ensure that the scavenging arrangements at Nellikuppam are placed on a more satisfactory footing. His letter, No. 284, dated 17th April last, relating to the

number of accidents in this factory and other matters is under the consideration of Government, and orders thereon will be passed separately. His letter, No. 249, dated 4th April, has been disposed of.

(*c*) *Bellary.*—The cotton presses in this district did little work during the year owing to the failure of the cotton crop. An abstract of the particulars contained in Form I should have been given in column 24 thereof. Registers C, D and E were not kept in the Bellary Arsenal, and in Messrs. Dymes & Co.'s Cotton Press at Adóni the rules were not up to date, and the notice required under section 10 was not affixed. It is presumed that the attention of the managers of these factories has been drawn to these points.

(*d*) *South Canara.*—Notwithstanding orders to the contrary, the District Magistrate has submitted his Head Assistant Magistrate's report as well as his own. Though the matter was noticed in the previous year's review, the District Medical and Sanitary Officer only inspected the single factory in this district on one occasion, and his explanation is not altogether satisfactory.

(*e*) *Coimbatore.*—The number of persons employed at the end of the year, and the maximum number employed on any day during the year, in the Tiruppúr Cotton Cleaning and Pressing Company have not been correctly given; the figures shown in the statement are unintelligible.

(*f*) *Ganjám.*—The District Medical and Sanitary Officer inspected the one factory in the district only once. The amount of the allowances drawn by him during the year under review has not been reported, as required by paragraph 5 (7) of G.O., No. 348, Judicial, dated 16th February 1895.

(*g*) *Gódávari.*—The District Medical and Sanitary Officer's inspection duty was imperfectly carried out, and it is stated that no allowances were claimed by him for his visits. The District Magistrate should draw his attention to the rules contained in G.O., No. 348, Judicial, dated 16th February 1895.

(*h*) *Madras.*—The decline in the number of accidents in the Gun Carriage Factory noticed in last year's review continued, the figure being 70 against 79 in the previous year. None of them proved fatal. It has been ascertained that the high number of accidents in this factory is due to the fact that every slight injury is enumerated and not to carelessness on the part of the staff.

(*i*) *Malabar.*—The inspection duty of the Medical and Sanitary Officer in this district was not satisfactorily performed and no explanation has been given. The amount of allowances drawn by him has not been reported.

(*j*) *Nellore.*—The District Magistrate has again violated the rule that blank returns should be submitted on post-cards.

(*k*) *Salem.*—The Government considers that the inclusion of Railway factories in the factory reports submitted by District Magistrates is unnecessary. The average daily number of operatives employed in the Jalarpet Workshop is 70 according to the District Magistrate's statement; whereas from the return submitted by the Inspector of Railway Factories it appears to be 76. The latter figure seems to be incorrect, as the maximum number of hands employed on any working day during the year is shown in the appendix as 71.

(*l*) *Tinnevelly.*—An abstract of the particulars contained in Form I should have been given in column 24 thereof.

(*m*) *Railway Factories.*—Only four out of the twelve Railway factories were inspected by medical officers. The attention of the Surgeon-General was drawn to this matter at the end of the year in G.O., No. 1796, Judicial, dated 13th November 1896, and it is hoped that there will be a marked improvement in the current year.

3. The total number of factories at work fell from 75 in the previous year to 70 during the year under review. The daily average number of operatives rose from 28,280 in 1895 to 29,384 in 1896.

		Rs.	A.	P.
Anantapur	..	160	0	0
South Arcot	..	255	0	0
Bellary	..	295	0	0
South Canara	..	20	0	0
Coimbatore	..	160	0	0
Kistna ..	..	120	0	0
Madras	..	788	14	6
Madura	..	150	0	0
Nilgiris	..	60	0	0
Tinnevelly	..	485	0	0
Vizagapatam	..	120	0	0
Total	..	2,613	14	6

4. The inspection work was, as usual, satisfactorily performed in most districts both by the magistracy and by medical officers, 33 factories having been inspected more than thrice, 30 thrice and 6 twice. Only one of the factories on the list—Her Majesty's Penitentiary, Madras,—was not inspected at all, and the reason for this was that it ceased to work after the first quarter. The allowances drawn by the medical officers in the marginally-noted districts aggregated Rs. 2,613–14–6.

5. The reports of the inspecting officers continued to be satisfactory. In almost all cases the sanitary condition of the factories was favourably reported upon, and the general health of the operatives is stated to have been good. No complaints were brought to notice during the year. As usual, the wages earned by factory labour compare favourably with those of ordinary agricultural labourers; and the operatives appear, in general, to have been satisfied with their condition.

6. There were 2,843 women and 1,845 children at work in 1896 as against 2,543 and 1,764, respectively, in 1895, and 3,174 and 1,751 in 1894.

7. The fencing of machinery is reported to have been generally satisfactory, and the number of accidents decreased slightly (from 218 in 1895 to 206 in 1896). Of these, 6 (against 3 in 1895 and 8 in 1894) were fatal and 21 (against 37 in 1895 and 49 in 1894) were of a serious character. They appear usually to have been due to the carelessness of the operatives themselves. There were no prosecutions under the Act.

(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.
„ the Revenue Department [with reference to paragraph 2 (*k*)].
Editors' Table.

Exd. P. Seetharam.