

- (1) Number of pages 248
(2) Date of repair 23.5.77 to 1.9.77
(3) Initials of the Referencer JS

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU
Judicial DEPARTMENT

G.O. No.	1246.	Press.
B.P. No.		Mis.
Dated	25. 6. 1891.	197.

Not to be folded or roughly handled

25TH JUNE 1891, No. 1246, JUDICIAL.

GOVERNMENT OF MADRAS.
JUDICIAL DEPARTMENT.

Read—the following papers:—

From the District Magistrate,	North Arcot,	27th January 1891,	No. 85.
"	Salem,	7th March	" 432.
"	Tanjore,	"	" 385.
"	Chingleput,	1st April	" 143.
"	Madura,	3rd	" 23.
"	Trichinopoly,	3rd	" 30-2.
"	Kurnool,	11th	" 1534.
"	Cuddapah,	12th	" 25, Extra.
"	South Canara,	13th	" 1403.
"	Anantapur,	15th	" 521.
"	Nellore,	17th	"

ABSTRACT.—Stating that there were no factories at work in the districts during the year 1890.

From L. C. MILLER, Esq., Acting Joint Magistrate, Godavari District, to the Acting Magistrate, Godavari District, dated Rajahmundry, 9th January 1891, No. 15.

I have the honour to submit the following report on the working of the Factories Act XV of 1881 in my division during 1890.

2. The Government Workshop at Dowlaishweram is the only factory coming within the scope of the Act. It was inspected by me three times during the year. Extracts from the Register B, containing my remarks at the time of inspection, are enclosed.

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

4. All dangerous machinery was properly fenced.

5. On the morning of the 28th November 1890, a cooly named Pedrazu Perigadu, a Madiga, aged 20, received an injury while putting on a belt on a pulley. Both bones of his right forearm were broken. The place and manner of the accident were shown me at my inspection on 1st December 1890. The accident was due to the man's own carelessness, but the operation of putting a band over a pulley in motion is doubtless somewhat dangerous.

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

7. The statement prescribed by Government in its Order, No. 1760, dated 7th July 1885, is enclosed.

ENCLOSURES.

STATEMENT showing the number of persons employed at the end of the year 1890 in the Government Workshop, Dowlaishweram.

Name of the District.	Name of the Factory.	Number of persons employed at the end of the year 1890.				Machinery whether fenced or not.	Ventilation and sanitation.
		Adults.		Children.			
		Males.	Females.	Males.	Females.		
Godavari District ..	Government Workshop ..	145 *	3 †	40 ‡	..	Fenced ..	Good ..

* 21 Fitters.
3 Fitters' boys.
24 Lascars
32 Carpenters.
14 Moulders.
19 Smiths.
16 Hammer men.
2 Painters.
3 Carpenters' boys.
10 Coolies.
1 Scavenger.
145
† 1 Scavenger.
2 Coolies.
3
‡ 3 Fitters' boys.
8 Carpenters' boys.
6 Apprentices.
5 Coolies.
18 Bellows boys.
40

FORM B.

REGISTER of inspections of factories under Rule 9 of rules made under section 18 of the Indian Factories Act, 1886. Joint Magistrate's Division, Godavari District, for 1890.

Number of Factory in Register A.	Name or description of Factory.	Name of occupier or manager.	Date of inspection.	Number of persons at work on date of inspection.				Remarks.
				Adults.		Children.		
				Males.	Females.	Males.	Females.	
1	Government Workshop, Dowlaish- weram.	Government.	1890. 12th August..	143	..	..	..	Of the boys mustered, none appeared to be under twelve. The notices and copy of rules required were duly exhibited. Dangerous machinery, as usual, properly fenced. (Sd.) L. C. MILLER, Ag. Joint Magistrate.
			30th September	169	..	..	..	Machinery securely fenced, ventilation, &c., good. No children were working. (Sd.) L. C. MILLER, Ag. Joint Magistrate.
			1st December.	201	..	..	..	Machinery fenced as usual. No children. (Sd.) L. C. MILLER, Ag. Joint Magistrate.

No. 5.

Submitted to Government with the enclosures.

2. The workshop at Dowlaishweram is the only factory in the district.

COCANADA,
22nd January 1891.

(Signed) L. MOORE,
Ag. District Magistrate.

From J. T. LEVER, Esq., General Deputy Magistrate, Goomsur Division, to the District Magistrate, Ganjam, dated Russellkonda, 2nd February 1891, Disposal No. 36-Mag.

I have the honour to submit my report on the working of the Aska Sugar Factory belonging to Messrs. Minchin Brothers and Co., for the calendar year 1890.

2. During the year under report the factory was thrice inspected—

Firstly, by M.R.Ry. A. Suryanarayana Naidu Garu, General Deputy Collector, on the 31st March 1890.

Second and thirdly, by me, on the 30th September and 17th December 1890, respectively.

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

4. The work people are divided into two classes—the first class consisting of mechanics who work by day only, from sunrise to sunset, with an interval of two hours, while the second class work both by day and by night in the sugar manufacture. The latter class is divided into two equal sets, who work alternately for six hours—from 8 to 2 and 2 to 8. This is done every day including Sundays and holidays. The sugar manufacture was stopped from 5th November last, and there was no night work from that day.

5. During the sugar-cane season the second class is divided into three sets, who work in shifts of four hours—from 8 to 12, 12 to 4 and 4 to 8.

6. The machines were carefully supervised by the Factory Engineer and all dangerous machinery continues to be securely fenced.

7. All the requisite notices were hung up conspicuously.

8. As usual, the factory is kept clean with free ventilation and the factory and premises are in a satisfactory condition. I have received every assistance in my inspections from the manager.

9. Five accidents were reported to me during the year under review, and the injured persons were treated successfully in the Local Fund dispensary at Aska. A statement showing the details of each case is appended:—

Date of accident.	Name.	Caste.	Sex.	Age.	Nature of injury.
13th February 1890.	Boisomo	Alliah	Male.	YEARS. 30	The top part of the first finger of the right hand was severely cut by an accident, which had nothing to do with the machinery.
29th May 1890 ..	Arthosetty	Dhobi	Do.	35	Accidentally fell down by his own neglect in the wash tank while he was mixing the wash with a wooden rod, and by doing so he fell on an iron bar across the tank, and thus injured his private parts seriously.
27th August 1890.	Totha	Dandasy	Do.	17	The first joint of one finger of the right hand crushed and two other fingers bruised.
6th October 1890.	Chondro Naiko ..	Bavuree	Do.	40	Fell on the steps of fire room place by which he injured the right side of the body slightly. The injury was slight as the man was reported to have returned to his duties in two days.
8th Nov. 1890 ..	Lockonosetty ..	Dhobi	Do.	40	Bruised his left leg in several places by falling down five steps of the factory staircase leading to the diffusion vessel dischargers. The accident happened through his own carelessness, as, after completing his night patrol with the masonry, he left the passage for the purpose of nature without availing himself of one of the factory lanterns ready at the passage or taking hold of one of the two side hand-railings of the staircase.

10. I beg to append a statement showing the results of the inspections:—

10. I beg to append a statement showing the result.								
Name of Factory.	Date of inspection.	Number of persons employed.				Machinery whether fenced or not.	Ventilation and sanitation.	
		Adults.		Juveniles.				
		Men.	Women.	Males.	Females.			
Sugar Factory at Aska	31st March 1890 ..	422	..	..	..	Securely fenced ..	Clean and ventilated.	well
	30th September 1890.	361	..	77	..	Do. ..	Clean and ventilated.	well
	17th December 1890.	244	..	48	..	Do. ..	Clean and ventilated.	well

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

CHATHRAPUR,
16th February 1891.

(Signed) E. C. JOHNSON,
District Magistrate.

From L. M. WYNCH, Esq., Acting Head Assistant Magistrate, Kistna, to the District Magistrate, Kistna, dated Bezvada, 4th February 1891, No. 225.

I have the honour to submit my report under the Factories' Act XV of 1881 for the calendar year 1890.

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

3. This factory was twice inspected on 17th May 1890 and 21st October 1890.

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

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

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

7. No accidents were reported in the year.

8. There were five children employed during the year, who were duly mustered under Rule VII at each inspection.

9. The usual tabular statement is enclosed.

10. I was unable to make a third inspection in December as I had to go into camp almost immediately after resuming charge. An early opportunity will be taken to repair the omission this month.

ENCLOSURE.

ENCLOSURE.

Name of Division.	Name of Factory.	Number of persons employed.				Machinery whether fenced or not.	Ventilation and sanitation.	Date on which examined.
		Adults.		Children.				
		Men.	Women.	Male.	Female.			
Head Assistant Magistrate's Division.	Government Workshop, Bezvada.	338	..	5	..	Fenced..	Good ..	17th May 1890.
		310	..	5	..	Do. ..	Do. ..	21st Oct. "

No. 139.

Forwarded to the Chief Secretary to Government, Judicial Department. This is the only factory in the district.

(Signed) A. T. ARUNDEL,
District Magistrate.
MASULIPATAM,
10th February 1891.

From R. SEWELL, Esq., District Magistrate, Bellary, to the Chief Secretary to Government, dated Bellary, 16th February 1891, M.P.R. No. 38.

I have the honour to submit copies, with copies of enclosures of reports, received from the Divisional Magistrates marginally noted, on the working of factories for the year 1890, and to state that there are no factories in Hospet division.

ENCLOSURES.

From B. H. CHESTER, Esq., Deputy Magistrate and Inspector of Factories of Bellary Division, to the District Magistrate, Bellary, dated Bellary, 2nd January 1891, No. 1.

I have the honour to submit the usual report on the working of the factories in the Bellary division during the calendar year 1890.

2. Three factories continued under inspection. I visited each three times during the year on the following dates:—

- (1) The Bellary Spinning and Weaving Mills,—7th July, 19th August, 11th December.
- (2) The Bellary Arsenal,—11th July, 13th September, 17th November.
- (3) Messrs. Dymes and Co.'s Cotton Press,—18th July, 21st August, 29th September.

3. Children are employed only in the Bellary Spinning and Weaving Mill. No girls are employed. At each inspection I had the children mustered. They looked healthy and strong and in no case did I see a child under seven years of age.

4. The requisite notices were duly exhibited in all three factories.

5. The arrangements for sanitation and ventilation were good.

6. There were no prosecutions during the year.

7. There were no accidents at the Arsenal or Messrs. Dymes and Co.'s Cotton Press, but there were seven accidents at the Bellary Spinning and Weaving Mill. Statement A shows in detail the name of person injured, the nature of the accident, date of injury, and date of return to work. There were no fatal accidents. Those injured were paid full wages during the period they were in hospital. Inquiries made by me show that the accidents were due to carelessness on the part of employes.

8. Statement B enclosed shows the number of persons employed at each inspection and the state of the factories in regard to sanitation and ventilation.

STATEMENT A.

Name.	Nature of injury.	Date when injured.	Date when returned to duty.
1. Syed Offin	Injured second finger of his left hand while working.	28th January 1890.	22nd February 1890.
2. Narayen	Fell on the mule spindle and injured his back.	4th March "	4th May "
3. Illearanna	Injured his back while putting up leather belt-ing.	12th May "	27th " "
4. Ellappa Chetty.	Injured the second finger of his left hand while working.	30th June "	8th August "
5. Burandeen	Injured two fingers of his left hand while working a drill.	15th July "	31st July "
6. Venkatasamy..	Fractured right hand and middle finger while cleaning machinery.	24th August "	4th November "
7. Gurulingappa.	Injured the wrist and elbow of his left hand while cleaning machinery.	30th November "	Still attending hos-pital.

STATEMENT B.

STATEMENT B.									
Name of Factory.	Date of inspection.	Persons employed.					Machinery whether fenced or not.	Ventilation and sanitation.	
		Adults.		Children.		Total.			
		Men.	Women.	Males.	Female.				
							Fenced.	Good.	
Bellary Spinning and Weaving Mill.	7th July 1890 ..	356	90	34	..	480	Do.	Do.	
Bellary Arsenal	11th do. do. ..	253	..	..	..	253	Do.	Do.	
Messrs. Dymcs & Co.'s Cotton Press.	18th do. do. ..	60	85	..	..	135	Do.	Do.	
Bellary Spinning and Weaving Mill.	19th August 1890 ..	320	84	34	..	444	Do.	Do.	
Messrs. Dymcs & Co.'s Cotton Press.	21st do. do. ..	48	80	..	..	128	Do.	Do.	
Bellary Arsenal	13th September 1890	186	..	..	..	186	Do.	Do.	
Messrs. Dymcs & Co.'s Cotton Press.	29th do. do. ..	8	45	..	..	53	Do.	Do.	
Bellary Arsenal	17th November do.	216	..	30	..	246	Do.	Do.	
Bellary Spinning and Weaving Mill.	11th December do.	369	71	..	..	440	Do.	Do.	

From M.R.Ry. G. KOTHANDARAMAYYA, Garu, Sub-Divisional Magistrate, Adoni, to the District Magistrate, Bellary, dated Adoni, 16th January 1891, No. 28.

I have the honour to submit my report on the working of the only factory in this division, viz., Messrs. Dymcs and Co.'s Cotton Press at Adoni, for the year 1890.

2. In this factory cotton is pressed into bales with the aid of a steam engine of 20-horse power with two cylinders and a boiler. There is also a ginning machine worked by an engine of 24-horse power. Besides these engines there is within the precincts of the factory a portable engine of 6-horse power which is said to have been originally set up in connection with machines for boring and turning and not in use now.

3. During the year under report the factory was inspected five times by my predecessor and once by me on the following dates.

- I. On 14th May.
- II. „ 11th June.
- III. „ 18th July.
- IV. „ 1st September.
- V. „ 28th „
- VI. „ 23rd December.

4. The building is fairly neat and sufficiently ventilated.
5. The work people were found to be cheerful and healthy.
6. The working hours are from 6 A.M. to 6 P.M., with sufficient intervals for meals and recreation.
7. The machinery though not regularly fenced is kept in a separate room to which people, other than those who work with it, have no access.
8. Only one accident was reported during the year under report. On the 20th December, at 9 A.M., one Yellappa, a pressman, had his thumb injured while working a planing machine. The injury was not a very serious one, though it prevented him from attending to his work for about a week.
9. No children below 12 years being employed in the factory. Registers D and E have not been maintained.
10. A copy of the rules and a label of working hours are duly posted up, but the latter was not in the form prescribed by the rules. The Agent's attention was called to this.
11. No prosecutions were ordered under the Act during the year.
12. Registers A and B are maintained in my office.
13. A statement in the form prescribed in paragraph 7 of G.O., dated 7th July 1885, No. 1760, Judicial, is enclosed.

STATEMENT showing the number of persons employed at the end of the season and the state of the Factory with reference to sanitation and ventilation.

Name of District.	Name of Factory.	Number of persons employed at the end of the season.				Machinery whether fenced or not.	Ventilation and sanitation.
		Adults.		Juveniles.			
		Males.	Females.	Males.	Females.		
Bellary	Messrs. Dymes and Co.'s Cotton Press at Adoni.	38	74	..	..	Though not fenced is secure enough, being placed in a separate room altogether set apart for the purpose and not accessible to anyone else but the driver.	Good.

Report on Railway Factories for the year 1890.

The number of Railway Factories for 1890 remained the same as those of 1889. The dates on which they were inspected are shown below:—

Madras Railway, Perambur Works	21st February.
	14th August.
	19th December.
South Indian Railway, Engineering Works, Trichinopoly	19th February.
	25th August.
	9th December.
Do. do. Loco. and Carriage Shops, Negapatam	15th February.
	21st August.
	25th September.

2. A detailed statement of accidents reported during the year, together with a list of Factories, is herewith enclosed.

3. None of the accidents were serious.

(Signed) SIDNEY SMITH, Major, R.E.,
Inspector of Railway Factories.

ENCLOSURES.

DETAILED Statement of Factory Accidents on the Madras and South Indian Railways for 1890.

Railway.	Factory.	Date.		Remarks.
		Month.	Day.	
Madras Railway.	Perambur Works.	January ..	21st ..	Three fingers of right hand of a cooly were severely hurt by the accidental fall of an axle box which he was carrying.
		February ..	18th ..	The right eye of a boilermith was severely hurt owing to a chip from a rivet, which he was cutting, striking it.
		May ..	3rd ..	The left leg of a chargeman was scalded by his accidentally putting it in front of a pipe, out of which steam was passing.
		" ..	14th ..	The right eye of a cooly was severely hurt by a spanner, which he was using at the time, accidentally slipping and striking him on the eye.
		" ..	26th ..	Two fingers of left hand of a cooly got jammed between a fuel truck, which he was pushing, and a firewood bin.
		September ..	2nd ..	While a moulder was casting, some molten metal, squirting from the mould, flew into his eye and destroyed his vision.
		October ..	27th ..	A machineman was hurt by his accidentally tripping and falling against a projecting portion of a drilling machine.
South Indian Railway.	Engineering Workshops, Trichinopoly.	" ..	28th ..	A cooly was hurt by a piece of timber which he was cutting on a saw bench springing up and striking him on the head.
		June ..	28th ..	A sawyer was wounded in the right arm while cutting reapers at the circular saw.
		March ..	12th ..	A smith was hurt while drawing iron under the steam hammer by his right index finger being caught between the handles of tongs.
		July ..	5th ..	A painter was hurt by a tressel falling on his leg.
Do.	Negapatam Workshops.	" ..	11th ..	A smith was hurt in his foot by a piece of iron flying out while punching a draw bar plate under the steam hammer.
		November ..	16th ..	A fitter, while carrying a spring, attempted to jump across a pit, when the spring slipped and fell on his toe.

List of Factories.

Name of District.	Name of Factory.	Number of hands ordinarily employed.				Machinery whether fenced or not.	Ventilation and sanitation.
		Adults.		Children.			
		Men.	Women.	Males.	Females.		
Madras	Perambur Railway Workshops	2,872 to 3,004	..	..	..	Sufficiently fenced.	Good.
Trichinopoly	South Indian Railway Engineering Workshops, Trichinopoly.	675 to 639	..	..	..	Do.	Do.
Tanjore	South Indian Railway Loco. and Carriage Shops, Negapatam.	2,180 to 2,246	..	..	..	Do.	Do.

No. 281.

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

MADRAS, (Signed) SIDNEY SMITH, Major, R.E.,
11th March 1891. for Offg. Consulting Engineer for Railways.

To the Chief Secretary to Government, Judicial Department.

From A. M. JONES, Esq., Deputy Magistrate and Inspector of Factories, Nilgiris, to the District Magistrate, Nilgiris, dated Ootacamund, 25th March 1891, No. 255.

I have the honour to submit my report on the working of the Indian Factories Act (XV of 1881) during the year 1890.

2. There is only one Factory in the district under the operation of the Act, viz., the Murreo Brewery, Ootacamund Branch.

3. I inspected the Brewery thrice during the year under report, viz. :—
on 8th July 1890,
" 31st " " and
" 20th Dec. "

4. There were no accidents in the establishment. Registers C, D and E were written up to date, the latter two being blank. The rules and time of work, viz., 7 to 12 A.M. and 1 to 5½ P.M., were hung up in conspicuous places.

5. There has been no increase or change in the engines which were well protected, and the place was clean and well ventilated.

6. The manager, Mr. J. W. Howard, sees all the rules under the Act complied with.

7. The usual tabular statement is herewith submitted.

ENCLOSURE.

STATEMENT showing the number of persons employed during the year 1890 in the Murree Brewery, Ootacamund Branch.

Name of Factory.	Date of inspection.	Number of persons employed.				Machinery whether fenced or not.	Ventilation and sanitation.
		Adults.		Children.			
		Men.	Women.	Males.	Females.		
Murree Brewery Com- pany, Ootacamund Branch.	8th July 1890 ..	103	11	..	..	All securely fenced.	Clean and well ventilated.
	31st " " ..	96	12	..	..		
	20th Dec. " ..	77	12	..	..		

No. 269.

Submitted to Government.

(Signed) C. F. MACCARTIE,
26th March 1891. District Magistrate, Nilgiris.

From Colonel T. WELDON, C.I.E., Commissioner of Police, to the Chief Secretary to Government, dated Madras, 28th March 1891, No. 21.

I have the honour to submit the annual report for the year 1890 of the Deputy Commissioner of Police as Inspector of Factories in the City of Madras.

ENCLOSURES.

From S. D. SIMPSON, Esq., Deputy Commissioner of Police and Inspector of Factories, to the Commissioner of Police, dated Madras, 26th March 1891, No. 8.

I have the honour to submit my report, under the Factories Act (XV of 1881), for the calendar year 1890.

2. There are eleven factories in the City of Madras, and they were visited by me at least three times during the year in accordance with the prescribed rules. The statement below shows the number of times I inspected each of them, the number of persons employed, and the state of the factories in regard to sanitation and ventilation :—

Name of Factory.	Dates of inspection.	Number of persons ordinarily employed.				Number of accidents.	Machinery whether fenced or not.	Ventilation and sanitation.
		Adults.		Children.				
		Men.	Women.	Males.	Females.			
Gun Carriage Factory ..	1890. 29th March .. 18th July .. 9th October .. 17th December ..	921	2	..	..	2	Yes ..	Good.
Southern India Spinning and Weaving Mill.	25th March .. 12th May .. 18th July .. 29th October ..	781	20	..	..	6	.. ..	"
Harbour Works ..	25th March .. 30th June .. 28th October ..	724	31	..	..	15	.. ..	"
Napier Works ..	27th March .. 17th July .. 27th December ..	208	..	..	..	2	.. ..	"
Public Works Workshops	26th March .. 9th July .. 16th December ..	238	2	..	..	5	.. ..	"
Madras United Spinning and Weaving Mill.	28th March .. 15th July .. 28th November .. 29th December ..	672	43	26	..	6	.. ..	"
Buckingham Mill ..	28th March .. 15th July .. 28th November .. 29th December ..	790	47	63	11	4	.. ..	"
Carnatic Mill ..	28th March .. 15th July .. 28th November .. 20th December ..	1,479	79	24	..	16	.. ..	"
Cement Works ..	27th March .. 17th July .. 27th December ..	84	96	..	..	..	.. ..	"
Bee-hive Foundry ..	26th March .. 30th June .. 30th December ..	171	..	14	..	1	.. ..	"
Simpson and Co. ..	29th March .. 18th July .. 9th October .. 17th December ..	351	..	37	..	2	.. ..	"

3. *Children.*—The Buckingham and Carnatic Mills continue to employ children as usual and have on their rolls 74 and 24, respectively. The former began the year with 112 children, admitted 84 during the year, transferred 46 to the adults' register, and struck off 76 as absentees. The latter commenced with 63 children, admitted 39, struck off 39, and transferred the same number to the adult class. The Madras United Spinning and Weaving Mill and Messrs. Simpson and Co. also employed children during the year as shown in the above statement. The children seen by me at all my inspections appeared to be well looked after, were allowed the usual holidays and were employed as required by the Act.

4. *Accidents.*—I append a list of accidents during the year. There were 59 against 60 in 1889. Statement A gives in detail the number in each Factory, how each occurred, and the extent and description of the resulting injury. In all but 17 cases the harm done was of a trivial nature, and in only one was death the issue. This case occurred in the Carnatic and was caused by the breaking, accidentally, of the branch pipe, at feed valve to boiler. Early on the morning of the 7th November 1890, the 2nd fireman (Ramen) on duty, noticing that one of the pipes was leaking, called the attention of the deceased, Anthony, the 1st fireman, to it, who at once repaired to the spot, inspected the pipe and, finding there was too much pressure, directed fireman Ponnusamy, who was firing at the time, to lessen the fire. The man Ramen, very fortunately for himself, had just stepped aside to get a shovel, when an explosion occurred, and the steam thus released filling the room, concealed from view the machinery and fireman, for about 15 minutes. When the atmosphere cleared, the deceased Anthony and fireman Ponnusamy were seen rolling about in the open. The former was badly scalded in the lower extremities, right shoulder and chest, and the latter, less severely on both legs. They were both conveyed to the General Hospital, where they were immediately attended to. Ponnusamy was discharged in 15 days, but Anthony died on the 25th November from congestion of internal organs and exhaustion, the result of extensive scalds. An inquest was held by the Police and the following statement by the Engineer in charge recorded at this inquisition :—

• Verdict, accidental.

“I made an examination and found that the feed-pipe had broken in two, and this must have caused a sudden escape of boiling water and thus have scalded these two men. I examined the gauge and found that it indicated 118 lb. pressure. There might have been a greater pressure before I came up, but it could not have been much more, perhaps about two pounds more which came down through the breakage. We never work with more than 125 lb. pressure, and the boiler is quite capable of standing this pressure, as it has been tested to stand three times or greater strain. The boiler and all its components were in good working order as far as I could see, but after the accident I discovered that there had been a slight flaw in the strengthening rib of the feed-pipe and ascribe the accident to this. This flaw could not have been discovered unless the pipe had leaked, but there was no leak whatever when we closed work the previous evening. I do not believe that the pipe broke from over-pressure of steam, as in that case it would have burst into fragments and not in two as it has happened. We examine our boilers about once a month, and when I last examined this boiler, together with the pipes, &c., which was about three weeks previously, I found everything sound.”

5. In the Harbour Works, there were fewer accidents, but in the Carnatic Mill, I regret to say, a larger number—fully double that of last year (1889). Most of them occurred through carelessness on the part of the operatives themselves.

STATEMENT A.

Name of Factory.	Name of persons injured.	Date of accident.	Caste.	Sex.	Age.	Nature of injury.
Gun Carriage Factory ..	Cunniappan ..	1890. 26th March ..	Hindu ..	Male ..	42	Second and 3rd fingers of left hand injured. Right side of his head and chin bruised by the fall of scales.
Do. do.	Valayooden ..	28th August ..	Do. ..	Do. ..	39	• Thumb of the right hand severely cut, while working at a circular sawing machine.
Southern India Spinning and Weaving Mill, Kayapuram.	Shaikh Abd-ullah ..	30th April ..	Mahomedan ..	Do. ..	25	One of the right hand fingers slightly injured by negligently putting his hand in one of the drawing machines to pick waste, while in motion.
Do. do.	Mustafa ..	10th May ..	Do. ..	Do. ..	13	Two fingers of right hand injured by putting his hand in the back roller machine to pick up cotton therefrom.
Do. do.	Venatasawmy ..	6th July ..	Hindu ..	Do. ..	40	Three fingers of the right hand cut by negligently cleaning the scouter while it was running.
Do. do.	Anthonicolum ..	13th August ..	Do. ..	Do. ..	30	Slight injury in the right hand palm by negligently cleaning the engine while in motion.
Do. do.	Periyasawmy ..	31st October ..	Do. ..	Do. ..	35	Injured on the head by circular saw machine.
Do. do.	Moonisawmy ..	13th November ..	Do. ..	Do. ..	14	• Right arm bone broken between wrist and shoulder and 2 front teeth broken by tumbling down the stair case.
Harbour Works	Ramasawmy ..	6th January ..	Do. ..	Do. ..	35	Swelling of the left knee caused by a piece of timber striking his knee.
Do. do.	Nunamomeah ..	8th ..	Mahomedan ..	Do. ..	30	Wound on the right foot caused by a skip-truck wheel passing over his foot.
Do. do.	Sultan Muhi-ud-din ..	10th ..	Do. ..	Do. ..	32	A finger on his left hand wounded by placing his finger under stone-crusher jaw.
Do. do.	Chinnian ..	15th ..	Barber ..	Do. ..	30	Wound on the right leg caused by having been struck by winch handle.
Do. do.	Rajagopal ..	15th February ..	Hindu ..	Do. ..	40	• Jammed his right hand, having it caught in the machine.
Do. do.	Annapoorani ..	19th March ..	Boatwoman ..	Female ..	11	A wound on the right leg caused by a block-truck wheel passing over it.

STATEMENT A—cont.

Name of Factory.	Name of persons injured.	Date of accident.	Caste.	Sex.	Age.	Nature of injury.
Harbour Works ..	Paripooranum ..	1890. 26th March ..	Native Christian ..	Male ..	39	• Fracture of right wrist and right thigh caused by the man falling off the South Pier Titan-ladder.
Do. do.	Moothial Chetty ..	1st May ..	Hindu ..	Do. ..	40	• Had the big toe of his left foot smashed by the light Traveller crab-wheel passing over it.
Do. do.	Ponnian ..	4th July ..	Do. ..	Do. ..	25	• Big toe of his right foot smashed by a skip-truck wheel passing over it.
Do. do.	Rungiah ..	7th ..	Do. ..	Do. ..	20	• Big toe of his right foot smashed by a skip-truck wheel passing over his foot.
Do. do.	Mathuray ..	18th ..	Do. ..	Do. ..	21	• Big toe of his left foot smashed by a skip-truck wheel passing over it.
Do. do.	Muhammad Seeds ..	1st September ..	Massalman ..	Do. ..	42	• Wound on the right leg caused by a crab-wheel of Titan crane, South Pier, tilting over his leg.
Do. do.	Veerasawmy ..	24th November ..	Hindu ..	Do. ..	30	• Big toe of right foot smashed by a skip-truck wheel passing over his foot.
Do. do.	Edwards ..	6th December ..	Eurasian ..	Do. ..	18	• The first finger of his left hand was severed at the first joint, by his finger getting caught in the cog-wheel of a drilling machine.
Do. do.	Auroomoogum ..	8th ..	Hindu ..	Do. ..	49	Hurt the shin bone of his left leg by slipping off a plank.
Napier Works	Nagan ..	27th February ..	Yathava ..	Do. ..	30	Hurt on back of hand caused by strap on drilling machine, by his own carelessness.
Do. do.	Thoppay ..	19th December ..	Pariah ..	Do. ..	33	• Toe smashed while moving iron bars.
Public Works	B. Hodge ..	7th February ..	Eurasian ..	Do. ..	14	• Centre finger of right hand severely cut by the cog-wheel of the Governor's of a vertical boiler and engine, when being cleaned.
Do. do.	Periyathumbee ..	19th March ..	Vallala ..	Do. ..	36	Big toe of left foot slightly wounded by the fall of a Granger fan scale's stand on the foot while lifting the stand.
Do. do.	P. Mooniasawmy ..	25th June ..	Vannu ..	Do. ..	35	• A severe wound on the forehead from a hammer caused by the head of a hammer accidentally striking the forehead while he was on duty.

STATEMENT A—cont.

Name of Factory.	Name of persons injured.	Date of accident.	Caste.	Sex.	Age.	Nature of injury.
Public Works	J. Pereira	11th September 1890.	Eurasian	Male	14 YEARS.	Second finger of left hand jammed by the wheel gear of a drilling machine, while at work with it.
Do.	Thepperumall	22nd "	Vannath	Do.	16	Forefinger of the left hand cut by a chisel while working, caused by a carpenter's elated cutting the finger while using the same at mill.
Madras United Spinning and Weaving Mill, Choolay.	Shaikh Kasim	19th March	Mussalman	Do.	13	Severe crushing caused by being caught between the two tin rollers of a throstle.
Do.	Ponniacotty	12th April	Pillay	Do.	35	Injury to fingers of the right hand caused by putting his hand on the beater while in motion.
Do.	Ramachandran	26th "	Moodelly	Do.	60	Injury to the 2nd finger of left hand caused by placing his hand on the Governor of the engine carelessly.
Do.	Ragavaloo	12th October	Oopparavan	Do.	15	Cut on the right arm and right foot by his own negligence by getting his hand caught by the iron pulley while cleaning.
Do.	Moonisawmy	30th November	Naiten	Do.	17	Brusing of the 2nd finger of the left hand caused by carelessly putting his hand under the rollers of a mule.
Do.	Mohunawmy	1st December	Naidu	Do.	20	Slight laceration on left hand and shoulder caused by carelessly getting his hand caught by rollers of a throstle while plying.
Buckingham Mill	Thadana Moorthy	13th February	Moodelly	Do.	13	Injury to the 3rd finger of right hand caused by his carelessness by putting his finger in the wheel of roving machine.
Do.	Mathury	4th March	Do.	Do.	25	Loss of 2nd finger of right hand by getting trapped in Governor of engine.
Do.	Kasaven	10th July	Hindu	Do.	13	Injury to the 1st joint of 1st finger of right hand caused by his own carelessness by putting his finger in the roller wheel of ring frame.
Do.	Narasimooloo	23rd September	Kavarai	Do.	15	Injury to the 1st joint of 1st finger of right hand caused by his own negligence by cleaning wheels in motion.
Carnatic Mill	Copposawmy	21st January	Naidu	Do.	35	Third and 4th fingers bruised, caused in the grinding stone while sharpening a tool.

25TH JUNE 1891, No. 1246, JUDICIAL.

14

STATEMENT A—cont.

Name of Factory.	Name of persons injured.	Date of accident.	Caste.	Sex.	Age.	Nature of injury.
Carnatic Mill	Venkatasawmy	26th January 1890.	Moodelly	Male	15 YEARS.	Hurt on his left knee by leaning on the intermediate frame while in motion.
Do.	Veera Ragaven	4th February	Pariah	Do.	14	Hurt on the 4th finger of his left hand by his own carelessness by putting his hand between two back rollers and carrier wheels of the ring throstle frame while in motion.
Do.	Gopaul	6th May	Do.	Do.	14	Hurt the 2nd, 3rd and 4th fingers of left hand by putting his hand out of curiosity between two rollers in the calendar machine while in motion.
Do.	Sayid Ali	11th "	Mussalman	Do.	14	Hurt 1st, 2nd and 3rd fingers of right hand by putting his hand in a pair of pinion wheels of the throstle frame while in motion.
Do.	Vathagerry	11th "	Hindu	Do.	25	Hurt 2nd, 3rd and 4th fingers of right hand while working on the saw machine, his hand slipped and fell across the machine against the saw.
Do.	Moonian	22nd "	Chutkier	Do.	14	Hurt the 3rd finger of his right hand by carelessly putting his hand in a pair of pinion wheels of the throstle frame while in motion.
Do.	Haidar Husain	3rd June	Mussalman	Do.	14	Hurt on the 4th finger of his right hand by carelessly putting his hand in a pair of pinion wheels of the throstle frame while in motion.
Do.	Moonisawmy	1st "	Pariah	Do.	30	Hurt his head by a driller accidentally slipping from the racket and falling on it.
Do.	Moorigasen	18th July	Moodelliar	Do.	18	Hurt his right thumb by carelessly putting his hand in a bobbin wheel of the roving frame while in motion.
Do.	Husain Khan	19th "	Mussalman	Do.	15	Hurt the 4th finger of his right hand by playing with another boy and jack machine accidentally falling on his right hand.
Do.	Lakshmeo	22nd September	Tamil	Female	14	A slight hurt on her right eye-brow caused by a shuttle accidentally flying out while she was passing through the weaving shed.

25TH JUNE 1891, No. 1246, JUDICIAL.

15

STATEMENT A—cont.

Name of Factory.	Name of persons injured.	Date of accident.	Caste.	Sex.	Age.	Nature of injury.
		1890.			YEARS.	
Carnatic Mill	Rangiah	16th October	Tamil	Male	20	Hurt the 3rd finger of his right hand by carelessly putting his hand between two back rollers in the roving frame while in motion.
Do.	Ramalingum	10th "	Do.	Do.	14	Hurt on 4th finger of left hand by carelessly putting his hand between a pair of pinion wheels of the throstle frame while in motion.
Do.	Anthony, died 26th November 1890.	7th November	Pariah	Do.	30	Scalded below the waist by steam blowing on account of the branch pipe breaking accidentally at feed-valve to boiler.
Do.	Ponnoosawmy	7th "	Do.	Do.	20	Scalded on the back of thighs by steam blowing on account of the branch pipe breaking accidentally at the feed-valve to boiler.
Bee-hive Foundry	Eengasawmy Pillay	19th March	Hindu	Do.	52	One finger of left hand being jammed between two rollers causing a slight lacerated wound.
Simpson and Company	Vadiveloo	13th February	Do.	Do.	30	Got his cloth entangled in the strapping while engine was at work; left leg fractured and amputated in hospital.
Do.	Chunthe	6th November	Varian	Do.	33	Hurt on the left leg by a piece of timber falling on it.

From J. STURROCK, Esq., District Magistrate of Coimbatore, to the Chief Secretary to Government, dated Coimbatore, 28th March 1891, No. 219-Magte.

I have the honour to enclose copy of the report received from the Deputy Magistrate in charge of the Coimbatore Taluk Division, dated 28th February last, No. 4, on the working of the Indian Factories Act, for the calendar year 1890, and a copy of the statement received from him showing the number of men employed, &c.

2. The Spinning and Weaving Company Factory, which is the only one in the district which comes under the purview of the Act, has been twice inspected in the year by the Deputy Magistrate and the remarks passed by him have been duly communicated to the occupier of the Factory.

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

ENCLOSURES.

From M.R. Ry. T. GOPALAN NAIR, Avargal, Deputy Magistrate, Coimbatore, to the District Magistrate of Coimbatore, dated Coimbatore, 28th February 1891, No. 4—F.A.

I have the honour to submit my report on the working of the Spinning and Weaving Company Factory, Coimbatore, for the year 1890.

2. The Factory was nominally opened on the 18th August 1890, but the real work was commenced on the 1st September 1890.

3. I inspected the Factory twice during the year, viz, 1st and 18th December 1890. On these occasions the Manager of the Factory gave me every facility in my work of inspection. Copies of my remarks on the state of the Factory during those inspections are herein enclosed.

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

5. The machinery appears to me to have all its dangerous portions securely fenced.

6. The sanitary condition of the Factory premises is good and the buildings are ventilated.

7. Three accidents were reported during the year. These were due to the carelessness of the persons employed. They were successfully treated in the Municipal Dispensary, Coimbatore.

8. In this Factory cotton yarn is manufactured and pressed into bales with the aid of a steam engine of 266 horse-power.

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

10. A statement in the form prescribed in paragraph 7 of G.O., dated 7th July 1885, No. 1760, Judicial, is enclosed.

REMARKS on the state of the Spinning and Weaving Company (Limited), Coimbatore, inspected on 1st December 1890.

Factory No. 1.

I inspected this Factory with the Manager this day. There were 144 adult males and 55 adult females and 249 male children and 46 female children, employed at the time of inspection. No children under the age of 7 years are employed in this Factory. Children who are above 7 years of age and under 12, have been certified by the Civil Surgeon as to their age, and the file of such certificates in Form C, as required by the rules framed under the Indian Factories Act, has been duly maintained. No children are employed near the steam engine.

2. The notice of the interval required to be set up in the Factory under section 7 of the Act has not been set up. This should be done.

3. In section 8 of the Act it is laid down that notice shall be given to the Inspector of the four holidays to be given to the children each month. I understand that every Sunday is a holiday, but formal notice of the fact has not been given to the Inspector and should be furnished. A notice in the diglott form authorising ten holidays for the whole year has been posted in a conspicuous place.

4. Section 8 of the Act and rule 15 require that registers of the children employed should be kept in Forms D and E. This has not been done; but should be done at once.

5. A notice in Form F, as required by rule 16, showing the daily working hours of the Factory, has not been set up. This should be attended to at once.

6. The machinery in all its dangerous portions appears to have been securely fenced. I told the Manager, who was with me, not to allow the visitors to go near the steam engine. I

intend taking an Engineer with me in the course of my next inspection to give a professional opinion as to the secure fencing of the machinery.

7. Rule 23 requires that a copy of the rules and forms should be hung up in the Factory in a conspicuous place. This has not been, but should be, done.

8. A copy of these remarks will be communicated to the occupier of the Factory who should attend to the remarks with as little delay as possible.

(Signed) T. GOPALAN NAIR,
Deputy Magistrate.

REMARKS on the state of the Spinning and Weaving Company (Limited), Coimbatore, inspected on the 18th December 1890.

Factory No. 1.

I inspected this Factory with the Assistant Surgeon this day. There were 150 adult males and 48 adult females and 222 male children and 27 female children employed at the time of inspection. No children under the age of 7 years are employed in this Factory. Twenty-three children, including males and females, were produced before me, and they have all been certified by the Civil Surgeon under 12 years of age. But I, with the Assistant Surgeon, walked through among the working persons, to find out if there were any children under 12 years of age, employed without the necessary certificates having been obtained as to their age. The occupier did not obtain certificates for the children actually employed and named in the margin. They appeared to me to be under 12 years of age. The Assistant Surgeon, who accompanied me, was also of the same opinion. The occupier will see that the necessary certificates are obtained in the case of the children pointed out by me.

2. The children work from 7 A.M. to 12 A.M. and from 1 P.M. to 5 P.M., having an interval for food and rest from 12 noon to 1 P.M.

3. The notice of interval required to be set up in the Factory, under section 7 of the Act, is set up.

4. Children are not employed near the steam engine or in its dangerous parts.

5. The machine has been securely fenced in all its dangerous portions.

6. Register in Form E has been kept, while the register in Form D has not, but should be done at once.

7. The notice showing the daily working hours has been set up. A copy of the rules has not been hung up as required by rule 23. This should be done at once.

8. The children whom I met and spoke to, said to me that they generally leave work at 7-30 P.M. This may or may not be true, but I call the attention of the Manager to the strict observance of section 7 of the Act, which clearly lays down that no child shall be actually employed in any Factory more than 9 hours in any one day. A copy of these remarks will be communicated to the occupier of the Factory who should attend to them with as little delay as possible.

(Signed) T. GOPALAN NAIR,
Deputy Magistrate.

TABLE showing the number of persons employed at the end of the year and the state of the Factory with reference to sanitation and ventilation.

Name of District.	Name of Factory.	Number of persons employed at the end of the year.				Machinery, whether fenced or not.	Ventilation and sanitation.
		Adults.		Children.			
		Men.	Women.	Males.	Females.		
Coimbatore ..	Spinning and Weaving Company (Limited), Coimbatore.	138	62	213	54	Properly fenced.	Good.

(Signed) T. GOPALAN NAIR,
Deputy Magistrate.

From G. F. T. POWER, Esq., Acting District Magistrate of South Arcot, to the Chief Secretary to Government, dated Cuddalore, 10th April 1891, No. 499 Indexed.

With reference to G.O., dated 5th March 1883, No. 625, Judicial, and para. 6 of G.O., dated 9th February 1882, No. 193, I have the honour to forward herewith reports from the Deputy Magistrates, General Duty, Cuddalore and Tirukoilur, on the working of the Indian Factories Act, 1881, during the calendar year 1890.

2. There are two factories in the district—one at Nellikuppam and the other at Tiruvannamallur—falling within the scope of the Act. Both of them were in working order during the year under report.

3. The factory at Nellikuppam is situated within the Cuddalore Deputy Magistrate's division. This officer and his predecessor have inspected it on three occasions during the year.

4. There were seven accidents in this factory during the year. None of them proved fatal.

5. The sanitary condition and ventilation are reported to be fairly good. Juveniles under the prescribed age are not employed.

6. The factory at Tiruvannamallur lies within the Tirukoilur Deputy Magistrate's division. This officer has inspected it thrice during the year.

7. There were no accidents in this establishment.

8. The sanitary condition was fair and ventilation sufficient.

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

10. The statement prescribed by Government in its order, No. 1760, dated 7th July 1885, is enclosed.

ENCLOSURES.

From M.R.Ry. V. SUBBIAH Avargal, B.A., Deputy Magistrate on General Duty, South Arcot, to the Acting District Magistrate of South Arcot, dated Tirukoilur, 25th February 1891, No. 20.

I have the honour to submit my report on the working of the Factory Act in this division for 1890.

2. There is only one working registered factory in this division, that of Messrs. Parry and Co. at Tiruvannamallur. More than 100 coolies work in it and they were so employed in 59 days during the year under report.

3. Adult males or females work 10 hours a day—from 7 to 12 A.M., again from 2 to 7 P.M. Special arrangements are made for night work during sugar-manufacturing season, so as to give 12 hours' work per head, day and night put together. A cooly is made to work from 7 A.M. to 1 P.M., and then relieved for the rest of the day; he comes back at 7 P.M. and works on until 1 A.M., the relieving cooly working from 1 to 7 P.M., and again from 1 to 7 A.M.

4. The coolies are generally well-clothed and healthy, and, as a rule, children are not employed.

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

6. Inasmuch as the coolies get only daily wages for the days they work, they enjoy holidays at their will and pleasure; standing coolies, it is stated, enjoy 6 days for Pongal and 3 days for Deepavali in the case of Hindus, and 3 days for Mohorum and 2 for Ramzan and Kutba in the case of Muhammadans.

7. Sugarcane season begins from 1st March and ends by 15th May. That is generally the most busy part of the year.

8. I have visited the factory thrice and an extract from the register of inspection is enclosed for information.

9. No accidental deaths have been reported during the year under report.

REPORT on Inspection of Factory in the Division of the General Duty Deputy Collector,
Tirukoilur, for 1890.

1	Number.	Name or description of Factory.	Name of occupier or manager.	Date of inspection.	Number of persons at work on the date of inspection.				Machinery whether fenced or not.	Ventilation and sanitation.	Remarks.
					Adult.		Children.				
					Men.	Women.	Male.	Female.			
	Sugar Factory and Distillery, Tiruvannamalai.	E. J. G. Gill, Esq., Agent of Messrs. Parry and Co.	20th Aug. 1890	16	8	..	..	Yes	This is not the working season. No work is going on since June. Sanitation fair.		
	3rd Oct. "		4	..	..	..	Do.	Do. ..	This being not the working season, the premises are in a neglected condition.		
	31st Dec. "		31	8	..	..	Machinery properly fenced; not working.	Sufficient ventilation; premises being cleaned and fair.			

From M.R. Ry. P. KRISHNA ROW Avargal, Deputy Magistrate, Cuddalore, to the District Magistrate, South Arcot, dated Cuddalore, 16th March 1891, No. 38.

I have the honour to submit my report on the working of the Factory Act for the calendar year 1890.

The factory at Nellikuppam, belonging to Messrs. Parry and Co., was inspected during the year by my predecessor, Mr. Sundra Row, B.A., and by me, on three occasions, as noted in the margin, and the result of the inspection is given in statement B (enclosed).

19th May 1890.
8th October 1890.

2nd December 1890.

2. On the two occasions I was there, I found the sanitary condition and the ventilation of the factory fairly good.

3. As no children under 12 years of age were employed in the factory, the registers D and E (rule 15) and the file of certificates in form C (rule 14) have not been maintained.

4. There were seven accidents during the year under report, of which, in three cases, the injured persons were successfully treated in the hospital at Manjakuppam. But in the other four cases, the injured persons were partly under treatment in the hospital and subsequently got cured by private treatment. A statement showing the details of each case is herewith submitted.

5. There were no prosecutions in the year.

STATEMENT showing the number of persons employed on the dates of inspections and the state of the Factory, with reference to sanitation and ventilation during the year 1890.

Name of District.	Name of Factory.	Number of heads employed on the dates of the three inspections.			Machinery whether fenced or not.	Ventilation and sanitation.
		Adults.		Children.		
		Men.	Women.			
South Arcot	Sugar Manufactory and Refinery and Spirit Distillery, Nellikuppam.	19th May 1890.			Fenced ..	Fairly good.
		466	66	30		
		8th October 1890.				
		508	45	30		
		* 2nd December 1890.				
		491	56	40.		

STATEMENT showing accidents that occurred in the Sugar Manufactory and Refinery and Spirit Distillery at Nellikuppam during the year 1890.

Date of occurrence.	Name.	Caste.	Sex.	Age.	Nature of injury and how caused.	Remarks.
1	2	3	4	5	6	7
1890: 4th Feb.	Alamelu ..	Pariah ..	Female ..	13	Bruise of sole of right foot. The accident was caused by the girl crossing the turntable while in motion.	Cured.
9th July ..	Singaram ..	Valluvan ..	Male ..	24	Lacerated side. The accident was caused by the man, a carpenter, losing his footing and falling from the top of a wall while removing roof couplings.	Discharged cured from the new Town Hospital on 25th August 1890.
11th Aug. ..	Dhurman ..	Vannien ..	Do. ..	30	Top of thumb cut off. The accident was caused by the man not attending to his work in hand and absently striking off his finger instead of chopping the bark he was engaged on.	Cured.
14th " ..	Subban ..	Pariah ..	Do. ..	20	Cut forehead. The accident was caused by a fellow-labourer letting fall a damper slide which he had just drawn from a chimney shaft commanding on iron roof and the slide slipping down over the roof and shooting off on to the injured man's head.	Discharged cured from the new Town Hospital on 25th August 1890.
14th Sept. ..	Muthusamy ..	Palli ..	Do. ..	35	Bruised or, possibly, broken toes. The accident was caused while unloading jaggery bags from a truck by one of the bags slipping down on to two of his toes of the left foot.	Cured.
28th " ..	Mottayen ..	Pariah ..	Do. ..	23	Bruised finger. The accident was caused by the injured person's own carelessness; he put his finger into the iron pulley while hauling up sugar bags.	Cured.
2nd Dec. ..	Ponnusami ..	Naicker ..	Do. ..	35	Face scalded by hot water and shaken by fall. The accident was caused by the man attempting to take a plug out of a boiler feed-water pipe while the feed pump was working. The plug struck the man in the face and he lost his balance and fell about 6 feet.	Discharged cured from the new Town Hospital on 8th December 1890.

From F. A. NICHOLSON, Esq., District Magistrate of Tinnevely, to the Chief Secretary to Government, dated Tinnevely, 15th April 1891, No. 397.

With reference to G.O., No. 625, Judicial, dated 5th March 1883, I have the honour to submit the report on the working of the Indian Factories Act (XV of 1881) in this district for the calendar year 1890.

1. Tuticorin Cotton Press Company (Limited).
2. Cotton Press of Darley, Butler and Co.
3. The Coral Mills Company (Limited).
4. Cotton Spinning Factory, Papanasam.

2. There were four factories, noted in the margin, on the registers during the year under report, the first three being in the Joint Magistrate's and the fourth in the Head Assistant Magistrate's divisions

3. *Inspection of Factories.*—The subjoined statement shows the dates of inspections, with their results:—

Name of Factory.	Number of times examined.	Date of inspection.	Number of persons employed.				Machinery whether fenced or not.	Ventilation and sanitation.
			Adults.		Children.			
			Men.	Women.	Male.	Female.		
1. Tuticorin Cotton Press Company (Limited).	1	1890. 6th September ..	72	12	..	..	Fencing satisfactory.	Satisfactory.
2. Cotton Press of Darley, Butler and Co.	1	6th " ..	67	13	..	..	Do. ..	Do.
3. The Coral Mills Company (Limited).	3	25th January ..	422	143	65	32	Do. ..	Do.
		29th August ..	383	139	112	55		
		12th November ..	356	184	99	11		
4. Cotton Spinning Factory, Pápanásam.	7	11th January ..	369	109	..	..	Properly fenced.	Good.
		23rd March ..	476	..	41	..		
		25th " ..	..	..	..	..		
		24th April ..	320	129	35	..		
		7th August ..	349	123	32	..		
		15th September ..	..	..	..	..		
16th " ..	328	124	42	..				

4. It will be seen from the above statement that the first two factories were not inspected three times during the year as required by the rules. The Joint Magistrate, in whose division these factories lie, explains that the default was due to the frequent changes in the incumbency of the Sub-divisional officer during the year under report. They were once inspected by Mr. Henry on 6th September 1890, and when Mr. Hewetson went to inspect them on 31st December 1890 one had been closed and in the other three was no work. The Coral Mills Company (Limited) (factory No. 3), in the same division, where work is on an extensive scale, was, however, inspected three times—once by Mr. Holmes and twice by Mr. Henry.

5. With reference to the latter part of paragraph 1 of G.O., dated 9th June 1890, No. 982, Judicial, the Joint Magistrate states that factory No. 2, belonging to Messrs. Darley, Butler and Co., does not come within the scope of the Act inasmuch as the maximum number of operatives during the year under report as well as in the two preceding years has been below 100 and recommends its removal from the register. I am issuing orders to him to strike it off the register, but to make occasional visits to the factory in view to its being, if necessary, restored to control. Though the number employed in the factory No. 1 was less than 100 on the date of its inspection, the maximum number was 122. This factory may consequently be retained on the register.

6. With a view to maintain a careful watch, as advised in paragraph 6 (a) of G.O., dated 9th June 1890, No. 982, Judicial, over the employment of labour in the factory at Pápanásam, the Head Assistant Magistrate inspected it seven times during the year under report.

7. *Conditions of Factories.*—As regards the factories in the Sub-division, the Joint Magistrate reports that, from the inspection notes left by his predecessors, ventilation, sanitary arrangements and fencing of machinery appear satisfactory, and that the necessary rules under the Act have been stuck up. As regards the factory at Pápanásam, I beg to subjoin an extract from the report of the Head Assistant Magistrate, No. 61, dated 21st March 1891:—

“There is no defect in the machinery. Proper attention is being paid to keeping the factory in good sanitary condition. The rooms in which the looms are worked are well-ventilated. The machinery is properly fenced. The mill is situated in the middle of an open ground on the southern bank of the Tambraparni river and the surroundings are kept perfectly clean.”

I beg also to enclose a statement containing the notes of inspection on the seven occasions by the Head Assistant Magistrate. These notes show that the provisions of the Act, and the rules thereunder as regards the maintenance of the several registers and forms, have been successfully enforced.

8. *Employment of Children.*—Children were not employed in the first two factories at Tuticorin. In the Coral Mills Company (Limited), at the same place, children were employed throughout the year. The certificates of ages were forthcoming for all the children and the necessary registers are maintained. The children at this factory were mustered and examined on the 12th November 1890 by Mr. Henry and the certifying Surgeon. There was no child under 7 years of age at work and the four holidays prescribed for children are allowed every month. Children were also employed in the factory at Pápanásam and the hours of work for them are said to be between 7 A.M. and 5 P.M., with a recess of one hour between 12 noon and 1 P.M. From the notes of inspection of the Head Assistant Magistrate, contained in the statement referred to in the foregoing paragraph, it appears that the forms and registers as regards children required by the Act and the rules are also maintained and that the children were mustered on 16th September 1890 by the Head Assistant Magistrate accompanied by the Assistant Surgeon.

9. I observe from the records in my office that some special arrangement was made for child-labour in this factory. Children were employed, to some extent, in 1885 the year in which this factory was, for the first time, brought under the purview of the Act, and the managers subsequently, in the same year, ceased to employ them—vide Mr. Rawson's letter, No. 2, dated 7th January 1886, which forms an enclosure to this office letter, No. 276, dated 5th April 1886, read in G.O., dated 31st May 1886, No. 1435, Judicial. I find also from the reports of the succeeding years that children were not employed till the year under report. In paragraph 4 of Mr. Rawson's letter quoted above, it is said that the working times for children were, with the sanction of Government, arranged as follows: one batch of children from 6 A.M. to noon, and another batch from noon to 6 P.M. I am now addressing the Head Assistant Magistrate asking him to report fully on this subject with reference to the above remarks, and I shall submit his explanation when received.

10. *Accidents.*—No accidents occurred in the first two factories at Tuticorin. Two occurred in the Coral Mills Company (No. 3) and one in the factory at Pápanásam (No. 4). The following statement shows the particulars of the three accidents:—

No.	Name of Factory.	Date of accident.	Name.	Caste.	Sex.	Age.	Nature of injury and how caused.	Remarks.
1	Coral Mills Company.	10th Feb. 1890.	Sankaralingum Chetty.	Hindu ..	Male.	12 yrs.	Right arm lacerated by carelessly putting the hand between the two tin rollers of spinning frame.	It was not the business of the boy to put the hand on the rollers.
2	Do. ..	23rd Apr. 1890.	Savisheshamattu Nadan.	Do. ...	Do.	18	Part of first finger in right hand taken off by carelessly putting the hand inside a small driving fenced wheel.	
3	Factory at Pápanásam.	..	M. Palavesam..	Oil-mon-gor.	Do.	15	Two fingers of right hand crushed and broken.	Since amputated.

The accidents were comparatively few—3 against 7 in the preceding year.

11. *Prosecutions.*—There were no prosecutions during the year under report.

STATEMENT showing the Notes of Inspection of the Factory at Papanasam, in Ambasamudram Taluk, Head Assistant Magistrate's Division.

24

25TH JUNE 1891, No. 1246, JUDICIAL.

Number of Factory in Register A.	Name or description of Factory.	Name of occupier or manager.	Date of inspection.	Number of persons at work on date of inspection.				Remarks.
				Men.	Women.	Children.	Female.	
Tinnevely Mills	Spinning Mills	Mr. A. H. Harvey	11th January 1890. 23rd March "	360 476	109	41	..	Absentees 66. I inspected the mills and the registers this morning (section 6). No child under the age of 7 years is employed (section 7). The 41 children, or half-timers as they are called, are said to work from 7 a.m. to 5 p.m., with an hour as an interval between noon and 1 p.m. No notice, with the information required by section 7, is maintained. Forms D and E are not maintained. Rule xxiii of the Factory Act not kept up. I give three days' time within which the manager is required to maintain forms D, E and F, which latter is to be hung up in a conspicuous portion of the mills. Remarks passed in form D (Register book of boys) note. A column for serial numbers (1 to 2 to 3 and so on) should be opened. The column now opened (No. 1) does not contain serial numbers, but only the register number. Column 6 ought to contain the precise age given by the guardian, parent or medical authority. The entry "above 7 years" does not suffice. Remarks passed in form E (Weekly Muster Register of children), column 4. Precise age should be given. Column 8, rate of wages per month, not entered. In column 9, the amount is presumed to be in R. A. P. It should be so stated. The corrections in this column should be initialled and the register signed by the manager at the end of every week. Points noted at last inspection attended to. Registers properly kept, and the points pointed out at last occasion correctly written up. Examined the half-timers. They come at 7 a.m. and work until noon when they are off for an hour for luncheon. They come back and work till 5 p.m. Inspected the mills and the registers. Half-timers work from 7 a.m. to noon and from 1 p.m. to 5 p.m. The interval is given for rest and food. Two half-timers work after 5 to-day. Krishna Naidu, son of Venkatasami Naidu, Tenkasi, age 10, found at work at 5-30 p.m.; Pelli, son of Huesan Panyan, age 10, found at work. Registers written up to 2nd August; rough note books for days from 2nd to 7th August 1890. Reached the mills at 5-5 p.m. The half-timers are being ferried across the river on their way home. Went inside the mills. No half-timers found at work. I went to the mills at about 6 p.m. to see expressly if half-timers were detained beyond the hours prescribed. Inspected the mills with the Assistant Surgeon. Forty-two boys at work. They were numbered. Eight absentees. The average of absentees in September is as follows:—
			24th April 1890	320	129	35	..	
			7th August 1890	349	128	32	..	
			15th September 1890	..	..	..	..	
			16th "	323	124	42	..	

2nd, 7; 3rd, 8; 4th, 7; 5th, 8; 6th, 7; 7th, 7; 8th, 6; 9th, 4; 10th, 6; 11th, 7; 12th, 10; 13th, 6; 14th, 8; 15th, 8; 1st and 14th were holidays. The half-timers were examined by the Assistant Surgeon and pronounced one 7 years old. Form D kept up. Number on the rolls, 50. Wages register kept up to week ending with 13th September.

25TH JUNE 1891, No. 1246, JUDICIAL.

25

From M.R.Ry. V. JAGANNADHAROW, General Duty Deputy Magistrate, Vizianagrum Division, to the District Magistrate, Vizagapatam, dated Vizianagrum, 26th February 1891, No. 54.

I have the honour to submit my report on the working of the Gunny Factory at Chittivalsa, belonging to Messrs. Arbuthnot and Co., for the calendar year ending 31st December 1890.

2. During the year under report, the factory was thrice inspected by me on the following dates:—

I.—On the 9th May 1890, between 6½ and 7 A.M.

II.—On the 19th July 1890, between 7 and 8 A.M.

III.—On the 29th November 1890, between 7 and 8 A.M.

On these three occasions Mr. Innes, the Manager of the factory, was present with me at the time of inspection.

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

4. The factory was closed on nine English and nine Native holidays, besides Sundays, during the year. The working hours during the year were the same as those in the last year, viz., from 5-30 A.M. to 6-30 P.M., with a recess of one and half an hour, between 12 A.M. and 1-30 P.M., in the months of November to March, and two hours, from 12 A.M., from April to October. On Saturdays the engine stops at 4-30 P.M., allowing an interval of half an hour at noon.

5. The average number of persons employed during the year was 700. The number at work on the dates of inspection is as under:—

Month and date.	Males.		Females.	
	Above 16.	12 to 16.	Above 16.	12 to 16.
9th May 1890	356	217	74	3
19th July "	385	206	67	3
29th November 1890	379	203	82	4

No children below 12 years were employed in the factory.

6. The factory is generally whitewashed and cleaned once in every year. The whitewashing for the year 1889 was commenced on the 13th November and completed on the 31st December following; and for the year under report it was commenced on the 15th October and finished on the 25th November.

7. The latrines were being cleaned with the hot water that was let out from the engine.

8. There is proper ventilation for the rooms of the building. Though there is much dust in the preparing room, yet the workmen do their work with a cloth over their mouths as they are well accustomed to it.

9. The temperature in the working rooms on the dates of inspection was as follows:—

On the 9th May 1890

" 19th July "

" 29th November 1890

90°

83°

73°

10. The machinery has been protected either by iron rails or by iron and wooden shields in view to prevent all chances of accident, and it has also been fenced, wherever necessary or possible. The calendar rollers have been protected with small guide rollers for the purpose of conducting the cloth to the in-running side of the upper calendaring rollers. These are worked safely and with ease.

11. Two accidents were reported during the year 1890—

(1) On the 26th February 1890, Kanoree Guriah, a boy of 13½ years of age, received a cut under his left arm (which was not serious) by falling against a winding machine.

(2) On the 11th October 1890, Danthenada Swamy, a man aged 27 years, received a cut on the skin on the back of his right hand, while cutting a small piece of wood at the circular saw. The injury was not serious. Both these men were treated in the dispensary at Bimlipatam and they returned to duty on the 11th March and 28th October 1890, respectively.

12. Certificates of age were granted to all young persons employed in the factory in form C, appended to the rules, by the Civil Apothecary at Bimlipatam, who was appointed certifying Surgeon under section V of the Factories Act, 1881, and a file of these certificates is maintained as required by rule XIV.

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

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

15. The young persons entertained in the factory since the date of the last inspection were mustered by me at each inspection and found to be in a healthy condition.

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

17. A statement showing the number of persons employed on the last working day of the year is appended as required by paragraph 7 of G.O., dated 7th July 1885, No. 1760, Judicial Department.

ENCLOSURES.

STATEMENT showing the number of persons employed on the last working day of the year 1890, in the Gunny Factory at Chittivalsa, and the state of the Factory in regard to sanitation and ventilation:—

Name of District.	Name of Factory.	Number of persons employed on the last working day of the year.				Machinery whether fenced or not.	Ventilation and sanitation.
		Adults.		Young persons.			
		Men.	Women.	Males.	Females.		
Vizagapatam ..	Gunny Factory at Chittivalsa..	404	77	275	16	Properly fenced.	Good.

From C. INNES, Esq., Manager, Gunny Factory, Chittivalsa, to the General Duty Deputy Magistrate, Vizianagrum Division, dated Chittivalsa, 6th April 1891.

I have the honour to acknowledge receipt of your letter No. 109, dated 3rd instant, asking me how it is possible to work the factory between 5-30 and 6-30 P.M. without artificial light in the cold season.

I have never stated that the factory is so worked in the cold season. You must be referring to a general time and not to any special month or date.

On the 3rd January 1890, the hours were from 6-15 A.M. to 6 P.M.; on the 3rd June from 5-10 to 6-45; and on the 3rd December, from 6 to 5-50.

No. 506.

Submitted to Government.

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

3. There were two accidents, but they were not of a serious nature.

4. In reference to paragraph 4 of the report, the Manager of the factory reports that the working hours were not uniform, as therein stated, throughout the year. A copy of his report is attached.

(Signed) W. A. WILLOCK,
District Magistrate.

VIZAGAPATAM,
20th April 1891.

From M.R.Ry. V. CHAPPAN MENON, Deputy Magistrate and Inspector of Factories, Calicut Division, to the District Magistrate of Malabar, dated Calicut, 22nd April 1891, No. 221-M.—G1.

I have the honour to submit my report on the working of the Factories Act in the Calicut division during the year 1890.

2. The only factory which falls within the scope of the Act is "the Malabar Spinning and Weaving Company (Limited)" in Panniyangara amsam, Calicut taluk.

3. I was appointed *ex-officio* Inspector of Factories in my division by the notification of Government published in the *Fort St. George Gazette*, dated 4th March 1890. I inspected the factory thrice in the course of the year, the results of which are recorded below:—

are recorded below :-							
Name of Factory.	Date of inspection.	Number of persons employed.				Machinery whether fenced or not.	Ventilation and sanitation.
		Adults.		Children.			
		Males.	Females.	Males.	Females.		
The Malabar Spinning and Weaving Company (Limited), Calicut.	16th Aug. 1890.	273	33	36	..	Well fenced..	Building well ventilated and premises clean.
	18th Dec. " "	263	23	57	6	do. "	do.
	30th " " "	257	24	52	6	do. "	do.

4. At my first inspection various irregularities and defects were noticed; but I am glad to say that they were all removed in a very short time. The following is an abstract of the remarks recorded in the inspection register maintained under rule ix of the Factory rules:—

(1) *Factory Rules*.—A copy of the rules has been hung up in a conspicuous place in the factory as required by rule xxiii.

(2) *Certifying Surgeon's Certificate*.—The prescribed certificates had not been obtained for all the children working in the factory. The omission has since been supplied.

(3) *Register of Children*.—This register (form D) had not been correctly filled in, e.g., columns 8 and 10, which indicate, respectively, the "date of first admission" and the "date of termination of employment or discharge" had been left blank. The omission has since been supplied.

(4) *Weekly Muster Register for Children*.—Maintained in the prescribed form E. At my first inspection, I learned from the children working at the factory that they were working from 6 A.M. to 6 P.M., with only half an hour's interval at midday for their meals. This was contrary to the distinct provisions contained in section 7 of the Factory Act and was pointed out to the manager who was warned both by me and by

the District Magistrate that prosecution would be resorted to if any similar infringement was noticed. The hours of business fixed in writing by the company are:—

For adults.—From 6 A.M. to 6-30 P.M., with half an hour's interval from 12 to 12-30 P.M.

For boys and girls.—From 7 A.M. to 5 P.M., with an hour's interval from 12 to 1 P.M.

(5) *Unregistered Children.*—In addition to the children whose names were entered in register E, I found several employed on piece-work for which they were paid according to the work turned out by them. These latter were, it appears, omitted owing to a misapprehension of the rules and were ordered to be registered at once.

(6) *Muster at Inspection.*—I held a muster of children at all my inspections.

(7) *Forms F and G.*—Properly maintained.

(8) *Fencing.*—In the room adjoining the engine room a railing was considered necessary to prevent accidents to persons passing through it. This suggestion was adopted by the manager.

(9) *Sanitation.*—The premises are kept clean and the buildings well-ventilated.

(10) *Holidays to Children.*—For some time the manager had omitted to give notice of holidays to the Inspector. The omission has since been supplied. Monthly notices are now regularly received.

5. A statement showing the number of accidents which occurred and the nature of the injuries received is enclosed. These accidents were duly reported to the Inspector and none proved fatal.

6. The statement prescribed in G.O., dated 7th July 1885, No. 1760, Judicial, is subjoined:—

Name of District.	Name of Factory.	Number of persons employed at the end of the year.				Machinery whether fenced or not.	Ventilation and sanitation.
		Adults.		Children.			
		Males.	Females.	Males.	Females.		
Malabar	The Malabar Spinning and Weaving Company (Limited).	254	23	52	6	Properly fenced.	Good.

7. In conclusion, I beg to note with satisfaction that the factory is now properly managed and that the instructions issued to the manager regarding the irregularities and defects noticed at the first inspection received his prompt attention. There was in consequence no occasion to resort to a criminal prosecution under the Act.

ENCLOSURE.
STATEMENT showing the number of accidents occurred in the Malabar Spinning and Weaving Company during 1890.

No.	Date of occurrence.	Name.	Caste.	Sex.	Age.	Nature of injury and how caused.	Remarks.
1	January, 14th	Ayalath Kampan	Tiyan	Male	17	Crushed finger, caused by picking waste wilfully from the wheels of the drawing frame whilst in motion.	Sent to hospital for treatment.
2	Do. 19th	Vadake Vittil Ali	Muhammadian	Do.	38	Cut on the leg, caused by the collapse (whilst moving) of temporary post on which balance scales were suspended.	Do.
3	Do. 19th	Alangath Koyakutti	Do.	Do.	41	Cut under the chin, caused by the collapse (whilst moving) of temporary post on which balance scales were suspended.	Do.
4	February, 16th	Madathil Raman	Nair	Do.	18	Crushed finger, caused by wilfully picking waste from wheels of the mule whilst in motion.	Do.
5	March, 15th	Kallachiparambath Chayichan	Tiyan	Do.	9	Sawered the nail of the fore-finger, caused by wilfully putting his finger in the wheels of an hand rope machine.	Do.
6	Do. 22nd	Kalathumarath Appu	Nair	Do.	33	Fingers crushed in the wheels of the carding machine, caused by himself starting the machine and at the same time placing his hand on the machine.	Do.
7	April, 5th	Chambayil Andy	Tiyan	Do.	27	A piece of glass penetrated into his foot, caused by the person accidentally treading on a piece of broken glass.	Do.
8	May, 24th	Chirakkal Kandakutti	Do.	Do.	32	Two teeth knocked out and others loosened and lips cut, caused by the collapse of a ladder whilst the injured person was on the same.	Do.
9	Do. 24th	Paritholi Karappan	Do.	Do.	27	Slight cut on leg, caused by the collapse of a ladder whilst the injured person was on the same.	Do.
10	June, 27th	Thikotil Krishnan	Do.	Do.	12	Lacerated shoulder, caused by himself whilst sweeping the floor accidentally falling down and was struck on the shoulder by a pulley.	Do.
11	August, 21st	Kallath Sankaran	Nair	Do.	25	Left leg bruised, caused by the man keeping his leg on the roller of the machine whilst in motion.	Do.
12	Do. 25th	Pandishala Ramunni	Do.	Do.	28	Finger slightly cut, caused by the man wilfully keeping his hand on the carding engine whilst in motion.	Do.
13	Do. 27th	Ollady Vittil Govindan	Do.	Do.	18	Struck his head against the machine, caused while cleaning the mule and picking up the waste.	Do.
14	September, 12th	Palacooneth Raman	Do.	Do.	26	Had a fall but no external injury is found, caused by the man falling while cleaning the walls of the roving department.	Do.
15	Do. 26th	Abd-ul Sadar	Muhammadian	Do.	22	Fingers crushed, caused while cleaning the machine in motion.	Do.
16	December, 31st	Thachambalath Unnoori	Tiyan	Do.	19	A portion of a finger cut off, caused while cleaning a machine whilst in motion.	Do.

True copy, with the statement of accidents, submitted to the Chief Secretary to Government.

2. The inspection of the factory on the 16th August 1890 having disclosed a very unsatisfactory state of things, I informed the manager that no further warning or instructions would be given and that if the irregularities noticed, or others, were committed, prosecution would follow immediately.

The factory is now being properly managed.

CALICUT,
28th April 1891.

(Signed) J. W. F. DUMERGUE,
Acting Collector.

From G. S. FORBES, Esq., Acting District Magistrate of Tinnevely, to the Chief Secretary to Government, dated Tinnevely, 9th June 1891, No. 609.

As promised in paragraph 9 of this office letter, No. 397, dated 15th April 1891, I have the honour to forward herewith copies of the Head Assistant Magistrate's letter, No. 109, dated 24th May 1891, and my Proceedings thereon, No. 608, dated 8th June 1891.

ENCLOSURES.

From T. VARADA RAO, Esq., Acting Head Assistant Magistrate, Tinnevely, to the District Magistrate, Tinnevely, dated 24th May 1891, No. 109.

With reference to your docket, dated 21st April 1891, I have the honour to state in paragraph 4 of Mr. Rawson's letter referred to in your docket it is said that "since my inspection on 7th October 1885, however, the managers, Messrs. A. and F. Harvey, have ceased to employ any children and there were none employed on the day of my last visit." Thus the arrangement approved by Government fell through when children were ceased to be employed.

2. On 23rd March 1890 the managers began to employ half-timers or children under 12 years of age. They have been given one hour's rest in the middle of the day, and the working hours have been fixed from 7 A.M. to 5 P.M., as reported in their letter, dated 22nd May 1891. The permission of Government for the new arrangement was not obtained as required under section 7 of the Factory Act.

PROCEEDINGS of the District Magistrate of Tinnevely, dated 8th June 1891, No. 608.

Read this office letter, No. 422, dated 21st April 1891, requesting the Head Assistant Magistrate to report why the arrangement approved by Government in 1885 regarding the working hours of children in the Factory at Papanasam was departed from in 1890, and how long the practice of working children for 9 hours a day has been going on.

Read also letter from the Head Assistant Magistrate, No. 109, dated 24th May 1891, reporting that the permission of Government was not obtained for the new arrangement, and that the managers began to employ children from 23rd March 1890.

Order—

No explanation has been given for the neglect on the part of the Head Assistant Magistrate to notice sooner the breach of the rules. The managers should now apply for the requisite permission and explain their neglect to do so, the present hours of child labour being unauthorized. Until sanction is obtained, they must cease to employ children except in accordance with G.O., dated 28th October 1885, Mis. No. 2896, communicated with this office endorsement, No. 876, dated 4th November 1885.

(Signed) G. S. FORBES,
Ag. District Magistrate.

ORDER—dated 25th June 1891, No. 1246, Judicial.

It is observed that there is a considerable want of uniformity in the character of the returns submitted in connection with the inspection of factories, and the Government accordingly resolves to direct that in future the form prescribed in Appendix II to this Proceedings shall, to the exclusion of all others, be invariably adopted by Inspectors of Factories when submitting their annual reports. The form is so comprehensive that very little letter-press will be required in addition; the headings of the columns explain themselves; any remarks found necessary on the subject of accidents,

prosecutions, employment of children below the age of seven years, hours of work and such like will be given in the body of the Inspectors' reports. The statement will be printed on sheets of foolscap size, and will be supplied to all District Magistrates on indent by the Superintendent of the Government Press.

2. The reports—some of which were not received within the prescribed date notwithstanding the reiterated orders of Government on the subject—show that the number of factories falling under the operation of the Factories Act (XV of 1881) during 1890 remained unchanged, the figure being 30 as in the preceding year. This result is due to the appearance for the first time in the list appended to this Proceedings of the Coimbatore Spinning and Weaving Company's factory, and to the omission therefrom, in accordance with the recommendation of the Inspector, of the Tuticorin Cotton Press belonging to Messrs. Darley, Butler and Co.

3. The number of inspections in the year under review was on the whole satisfactory, though less so than in the preceding year, three * factories having been insufficiently visited in 1890 as against one in 1889. Operations in the Coimbatore factory were commenced only from the 1st September last, but in the remaining two cases the factories are situated at the head-quarters of the Head Assistant and the Joint Magistrate, respectively, and could easily have been examined at least 3 times in the year as required by the rules. The explanations offered for the insufficient inspection of these two factories are not satisfactory.

4. The following errors and omissions are noticed in the preparation of the reports submitted:—

(1) The number of adult males given in the statement of employes appended to the Godavari report is 151, but this figure does not tally with the total of the details given at the foot of the statement.

(2) In the body of the report on the Mellikuppam Factory, it is stated that no children under 12 years of age were employed, but it is observed that some of the employes are shown as children in the statement of inspections. It has been pointed out on more than one occasion that all employes not below the age of 12 years should be classed as adults, and should not be referred to as children.

(3) Again, the repeated orders of Government that the term "Juvenile" should not be used in these reports have been infringed by the Inspectors of Factories at Aska and Adoni. In the former instance the Inspector appears to denote by this expression individuals not below the age of 12 years, whereas in the latter case children below that age seem to be referred to; this is an example of the confusion resulting from a lax terminology. The use by the Inspector of the Chittavalsa Factory of the expression "Young persons" to denote operatives above 12 years of age is equally objectionable.

(4) From the reports submitted, it is not in the majority of instances clear whether Registers D and E and the files of certificates in Form C have been maintained as required by Rules XV and XIV of the rules framed under the Factories Act. This point should not be neglected in future.

(5) Similarly, the Inspectors have generally omitted to state whether the notice in Form F under Rule XVI, and a copy of the rules framed under the Act, as well as the notice required by section 7 of the Act, have been exhibited in a conspicuous place in the factory. To avoid a recurrence of this omission, a special column for entries in connection with this subject has been provided in Appendix II.

(6) The majority of the Inspecting officers have also failed to state distinctly whether they mustered the children in accordance with Rule VII, and to report the number appearing at muster and the number absent. Particulars with regard to these points are necessary in order to detect any infringement of the rules forbidding the employment of children below the age of seven years.

5. The reports under review are generally satisfactory, and show that due attention is paid to the fencing of the machinery and to the ventilation and sanitation of the

premises. The condition of the preparing room in the Gunny Factory at Chittivale should be brought to the notice of the proprietors, with a view to remedying, if possible, the defect complained of.

6. When forwarding his report for 1889, the District Magistrate of Malabar had occasion to comment upon certain irregularities which were found to exist in the management of the Malabar Spinning and Weaving Company's Factory. These defects, some of which were of a grave character, were found to continue when the factory was first visited in the year under review. Similar irregularities were also noticed in the Pápanásam Cotton Spinning Factory. It is, however, reported that the defects observed were in both cases found at subsequent inspections to have been rectified. Considerable scope for improvement seems to exist in the case of the Coimbatore Spinning and Weaving Company's Factory, and it is observed that out of 249 children employed there on the 18th December 1890 only 23 were produced before the Inspector at muster on that date, and eleven of those examined by the Inspector seemed to him to be below the age of seven years. A careful inquiry should now be made into the subject of the employment of children in this factory, with a view to detecting any breach of the law. The action taken by the District Magistrate of Tinnevely in regard to the Cotton Spinning Factory at Pápanásam, as reported in his letter dated 9th June 1891, No. 609, is approved.

7. There was a marked decline in the number of women employed in 1890, the figure being 1,092 against 1,358 in 1889. The number of children employed advanced, but, as remarked in paragraph 3 *supra*, 40 employes in the Nellikuppam Factory have been shown improperly, it would appear, as children in the Inspector's statement, and if these be excluded, there were 732 children employed in 1890 as against 399 in 1889 and 617 in 1888. The largest number of children was in the Coimbatore Spinning and Weaving Company's Factory.

8. The accidents numbered 117 in 1890 as against 103 in 1887 and 89 in 1888. The figure reported in the year under review appears to be the highest on record since the passing of the Factories Act, 1881. There was, however, as in the previous year, only one fatal accident in 1890, and that occurred at the Carnatic Mills, Madras, where fifteen other accidents are reported to have taken place. The number of cases in the Malabar Spinning and Weaving Company's Factory was also very large, and in the case of both these factories some of the accidents reported seem to suggest that the machinery is not sufficiently guarded. The figures in the margin show the number of hands employed in factories during the last 5 years.

9. The Government hopes that Inspectors will show more care in preparing their reports in future; the reports are simple in character and the points to be specially noticed therein few, and it is unsatisfactory to observe the same errors and omissions occurring in them year after year.

(True Extract.)

Chief Secretary.

To all District Magistrates.
 " the Public Works Department.
 " the Inspector-General of Police.
 " the Commissioner of Police.
 " the Consulting Engineer for Railways.
 " the Superintendent of Government Press.

Exd. A. Rail.

APPENDIX I.

No.	Situation.		Name of Factory.	Number of hands employed.			Number of accidents.	Machinery whether fenced or not.	Ventilation and sanitation.
	District.	Town or village.		Men.	Women.	Children.			
1	Bellary	Adoni	Messrs. Dymes and Co.'s Cotton Press	35	74	..	1	Not fenced but secure enough.	Good.
2	Do.	Bellary	The Bellary Spinning and Weaving Company.	369	71	30	7	Fenced	Do.
3	Do.	Do.	The Arsenal	216	..	..	..	Do.	Do.
4	Do.	Do.	Messrs. Dymes and Co.'s Cotton Press	138	45	..	..	Do.	Do.
5	Coimbatore	Coimbatore	The Spinning and Weaving Company	292	62	272	3	Properly fenced	Do.
6	Ganjam	Aska	Minebin Brothers' Sugar Factory	..	..	..	8	Securely fenced	Do.
7	Godavari	Dowlaiswaram	Government Workshop	145	3	40	1	Fenced	Clean and well ventilated.
8	Kidna	Beavada	Do.	310	..	5	..	Do.	Good.
9	Madras	Perambur	Railway Workshop	2,838	..	..	8	Sufficiently fenced	Do.
10	Do.	Madras	Gun Carriage Factory	321	2	..	2	Yes	Do.
11	Do.	Do.	South India Spinning and Weaving Mill	781	20	..	6	Do.	Do.
12	Do.	Do.	Harbour Works	724	31	..	15	Do.	Do.
13	Do.	Do.	Napier Works	208	..	..	2	Do.	Do.
14	Do.	Do.	Public Works Workshop	233	3	..	5	Do.	Do.
15	Do.	Do.	Madras United Spinning and Weaving Mill.	672	43	26	6	Do.	Do.
16	Do.	Do.	Buckingham Mill	790	47	74	4	Do.	Do.
17	Do.	Do.	Carnatic Mill	1,479	79	24	16	Do.	Do.
18	Do.	Do.	Cement Works	84	96	..	..	Do.	Do.
19	Do.	Do.	Beehive Foundry	171	..	14	1	Do.	Do.
20	Do.	Do.	Messrs. Simpson and Co.	331	..	37	3	Do.	Do.
21	Malabar	Pannankara	Malabar Spinning and Weaving Co.	254	23	58	16	Properly fenced	Do.
22	Nilgiris	Ootacamund	Murree Brewery Company	77	12	..	..	All securely fenced	Clean and well ventilated.
23	South Arcot	Tiruvannamallur	Messrs. Parry and Co.'s Sugar Factory and Distillery.	31	8	..	..	Properly fenced	Sufficient ventilation. Premises being cleaned and fair.
24	Do.	Nellikuppam	Messrs. Parry and Co.'s Sugar Mill, Refinery and Distillery.	491	66	40	7	Fenced	Fairly good.
25	Tanjore	Negapatam	South Indian Railway Locomotive and Carriage Shops.	2,213	..	..	4	Sufficiently fenced	Good.
26	Tinnevely	Tuticorin	Tuticorin Cotton Press Company	72	12	..	..	Fencing satisfactory.	Satisfactory.
27	Do.	Do.	The Coral Mill's Company (Limited)	356	184	110	2	Do.	Do.
28	Do.	Pápanásam	Cotton Spinning Factory	323	124	42	1	Properly fenced	Good.
29	Trichinopoly	Trichinopoly	South Indian Railway Engineering Workshop.	607	..	..	1	Sufficiently fenced	Do.
30	Vizagapatnam	Chittivale	Messrs. Arbuthnot and Co.'s Gunny Factory.	679	93	..	2	Properly fenced	Do.
				Total Men .. 15,979			117		
				Women .. 1,092			772		
				Children .. 772			..		
				Total .. 17,843			..		

APPENDIX II.

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

[illegible]

Gobt. of {1891} Madras.
JUDICIAL.

Issued

Recd.

Encl.

G.O., 25th June 1891, No. 1246.

JUNE.

Indian Factories Act.

Reviewing the reports on the working of the
— in the Presidency during the year 1890.

No. 11, 3

Chingleput District Collector's Office.

Saidapet,

1st April 1891.

RECORDED

2- APR 91

From

J. N. A. Srinivasa Rao Esq.

Ag District Magistrate

Collector of the

Chingleput District.

To

Chief

The Secretary to Government,

Judicial Department,

Madras.

SIR,

I have the honor to report that
no factories were at work during
1890, in the Chingleput District.

I have the honor to be,
Sir,

Your most obedient servant

J. N. A. Srinivasa Rao

Ag District Magistrate

Judicial (1891) Sep.

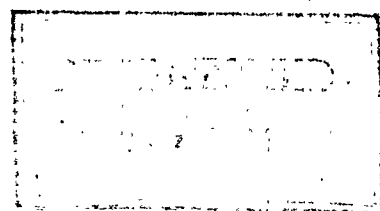
From

The District Magistrate
Chingleput

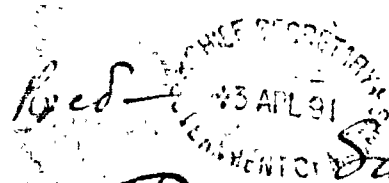
To

The Chief Secretary
to Government
Judicial Department
Madras.

27-1st April 91



1113/91



Subject:
Reporting that no
factories were at
work during 1890 in
the District of Chingleput.

Extra No.

Madras District Magistrate
Office. Date 12th April 1891.
Camp. Sanfraya.

From

O. Wolfe Murray Esquire,
As District Magistrate of
Kandam.

To

The Chief Secretary to Government
Judicial Department.

Sir

I have the honor to inform you
that the report on the working of
Indian Factories Act for 1890 for
the District is nil.

I have the honor to be,
Sir,

Your most obedient servant

O. Wolfe Murray
As District Magistrate

Magisterial Department

From

The District Magistrate

of Buddapah.

To

The Chief Secretary

to Government

Judicial Department

Madras

No. 25 Extra

Dated 13th

Despatched 13th

Received

April 1891

Subject

Report on the working

of the Indian Factories

Act for 1890

L. P. No. 139-19, 100.

No 1403

SOUTH CANARA DISTRICT MAGISTRATE'S OFFICE,

Mangalore,

13th April 1891.

From

V. A. Brodie Esquire

Acting District Magistrate of

South Canara.

To

THE CHIEF SECRETARY TO GOVERNMENT,

Judicial Department,

Fort St. George.

Sir,

With reference to the official Memorandum dated 7th instant, calling for a report on the working of the Indian Factories Act for the past year 1890, I have the honor to report that as stated in this office letters noted in the margin, there are no

No 1405, dated 19th April 1889

Para 2.

No 1512, dated 27th April 1889.

factories in this District coming under Act XL of 1881, and consequently

no report is due from South Canara.

I have the honor to be,

Sy

Your most obed^t servant

V. A. Brodie
For Acting District Magistrate

26

Judicial.

1891

From

The District Magistrate
South Canara,

To, The Chief Secretary to
Govt. Judl. Deptt.,
Madras.

Dated 13 April 1891.
Recd.

APR 14 1891
No. 12703.

Enclosures. None.

Reporting with reference
to the Official memo-
randum noted within
that there are no factories
coming under Act XX
of 1881.

No 521
Mag

8th Melrose
District Magistrate's Office

From

Mr. P.

B. S. Pungiah, Kaidu Gannu
Treasury Deputy Collector for District
Dargachate

To
The Chief Secretary to Govt.
Judicial Deptt.
Madras.

Sir,

With reference to memorandum
dated the 7th April 1891, the District
Dargachate being on tour, I have the
honor to state that there are no
factories in this District.

I have the honor to be,

Sir

Yours most obedient servant

B. S. Pungiah

Deputy Collector

From
 1878

The Deputy Collector
 for District Magistrate
 H. H. H.

The Chief Secretary
 to Govt. of Dept.

Dated 17 April 1891

Despatch No.

No. 512
 012

Subject
 20 APR 91
 PUBLICITY DEPT.

Enclaves etc.

Statement showing the number of persons employed at the end of the year 1890 in the Government
 Workshop Don Candelmaran.

Name of the District	Name of the Factory	Number of persons employed at the end of the year 1890 in		Machinery whether found or not.	Ventilation and sanitation	Remarks.
		Adults	Children			
Gedamaran District.	Government Workshop	184	3	40	Good	21 Fitters 3 Fitters boys 24 Carvers 32 Carpenters 14 Moulders 19 Smiths 16 Wainmen 2 Painters 3 Carpenter boys 10 Coolies 1 Scavenger 157
		184	3	40	Good	1 Scavenger 2 Coolies 3 Fitters boys 8 Carpenters 6 Apprentices 5 Coolies 18 Bellow boys 40

Prepared by
 January 1891
 as per order

Form B.
Records of Inspectors of Factories
 Under Rule 9 of Rules, made under Section 18 of the Indian Factories Act 1886.
 Joint Inspectors' Division, Godanand District, for 1890

Number of factory with register	Name or description of factory or managers	Date of inspection	Number of persons at work on date of inspection				Remarks
			Adults		Children		
			Men	Females	Male	Female	
1	Government Workshop Dowla Chaudhary	12/8/90	143		have been done	Of the boys mentioned name of presented to the under teacher. The notices and copy of rules require were duly exhibited. Dangerous machinery as usual properly fenced. (Sd) Laski (Mullas) Agst Waqto Machinery secured by fence Ventilation is good. No children were working (Sd) Laski (Mullas) Agst Waqto Machinery fenced as usual. No children (Sd) Laski (Mullas) Agst Waqto	
		30/9/90	169	"	"		
		1/12/90	201	"	"		

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Recd 4/2/91
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(True & correct)

No. 15

Godavari District
Joint Magistrates Office
Rajahmundry
9 January 1891

From

L. C. Miller Esquire,
Ag. Joint Magistrate
Godavari District

To

L. Moore Esquire,
Ag. Magistrate
Godavari District

Sir,

I have the honor to submit the following report on the working of the factories Act XV of 1881 in my division during 1890.

2. The Government workshop at Dowleshwarum is the only factory coming within the scope of the Act. It was inspected by me three times during the year. Extracts from the Report B. containing my remarks at the time of inspection are enclosed.

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

4. All dangerous machinery was properly fenced.

5. On the morning of the 28th November 1890 a cooly named Puragan

Periga in

A man aged 20 received an injury while putting on a belt on a pulley. Both bones of his right forearm were broken. The place and manner of the accident were shown me at my inspection on 1st December 1930. The accident was due to the man's own carelessness but the operation of putting a band over a pulley in motion is doubtless some what dangerous.

6. The working hours were as usual from 6 am to 12 noon and from 2 to 5 p.m.

7. The statement prescribed by Government in its order 1760 dated 7.7.25 is enclosed.

I have the
(signed) L.C. Miller
Ag. Joint Magistrate

4/ No. 5 (True Copy)

Submitted to Government ^{into the enclosure}

2. The workshop at Darleishimara is the only factory in the District.

Notar in District
Magistrate's office
C.C. on 2222 Jan 1/31

(signed) L.C. Miller
Ag. Joint Magistrate

11-17-90: 982
ajf.

Judicial No 472
1891

From
The District Magistrate,
Madras

To
The Chief Secretary,
Government
Madras

Dated 22 January 1891
Despatched 23 do
Received

No. 5 Enclosures 2

Subject

From
Submitting Copy of the
District Magistrate's letter
No. 15 dated 9.1.91
with enclosures reporting
on the working of the
factories Act of 1881.

Please find - Other
enclosures will follow
cb.

Jud. No 892

From

J. J. Lowe Esquire
General Deputy Magistrate
Quinn's Division

To

The District Magistrate
Quinn's Division

Dated Russell's 2nd February 1891.

Sir,

I have the honor to submit
my report on the working of the Aska Sugar
Factory, belonging to Messrs. Murchie
Brothers & Co. for the Calendar year 1890.

2. During the year under report the
factory was twice inspected.

Firstly, by Mr. R. A. Sanyamayan
Raidu Jani, General Deputy Collector, on
the 31st March 1890.

Second and thirdly, by me on the 30th
September and 17th December 1890 respectively.

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

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

work alternately for six hours from 8 to 2 and 2 to 8. This is done every day including Sundays and holidays. The Sugar manufacture was stopped from 5 November last, and there was no night work from that day.

5. During the ^{sugar} season the second class is divided into three sets, who work in shifts of four hours from 8 to 12, 12 to 4 and 4 to 8.

6. The machines were carefully supervised by the factory Engineer and all dangerous machinery continues to be securely fenced.

7. All the requisite notices were hung up conspicuously.

8. To run the factory, I kept clean with free ventilation and the factory premises are in a satisfactory condition. I have received every assistance in my inspections from the Manager.

9. The accidents were reported to me during the year under review, and the injured persons were treated successfully in the local Government Dispensary, Akha. I submitted showing the details of each, as is appended.

Date of accident Name Cause Sex age Nature of injury

1st Sept. Bhoirama Akhlat, male 30 Slightly cut the top part of the fourth finger, right hand, by an accident, which had nothing to do with the machinery.

29-5-90 Akhronetty Dhoobi male 35

Accidentally fell down by his own neglect in the wash tank. While he was rinsing the wash with a wooden rod, and by doing so he fell on an iron bar across the tank, and thus injured his private parts seriously.

27-8-90 Gotta Handasy, do 17

The first joint of one finger of the right hand crushed and 2 other fingers bruised.

5-10-90 Chondro Barmee do 40

Fell on the steps of fire room place by which he injured the right side of the body slightly. The injury was slight as the man was reported to have returned to his duties in two days.

8-11-90 Akhronetty Dhoobi male 40

Bruised his left leg in several places by falling down steps of the factory staircase leading to the diffusion vessel dischargers. The accident happened through his own carelessness, as after completing his night patrol with the machinery, he left the jamming for the purpose of having a drink, availing himself of one of the factory lanterns ready at the jamming, or taking hold of one of the side hand railings of the staircase.

10. I beg to append a statement showing the results of inspections.

Name of factory	Date of inspection	No. of persons employed	Machinery whether fenced or not	Ventilation and Sanitation
Sugar	31-3-90	422	-	Seemed fine
Factory at	30-9-90	381	77	Do
Akha	17-12-90	244	48	Do

I have a -
Sd/- J. J. Lane
Sd/- J. J. Lane
Sd/- J. J. Lane

Submitted to Government with
reference to Government Order dated
26. August 1884 No. 2177 Judicial
Department.

Chattopadhyay }
February 1891 } for Dist Magistrate

ad

Mr

CMD. 892

From
The Dist Magistrate
Ganjam

To
The Chief Secretary
to Government
Judicial Department
Madras.

No.
Dated 23 Feb 1891
Desd. 23 Feb 1891

CHIEF SECRETARY
23 FEB 1891
Subject.

Submitting a copy
of the Report on the working
of the Aska Sugar works
Factory for 1890 of the
Dist Magistrate of
Ganjam

Judl Cmo. 8933 Kistna Distr. 5

No 225

Head Assistant Magistrate's

Office. Bezawada.

21 February 1891.

From

L. M. Wynne Esquire

Ag. Head Assistant Magistrate

Kistna.

To

The District Magistrate,
Kistna.

Sir

I have the honor to submit my report
under the Factories Act XV of 1881 for the
Calendar year 1890.

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

3. This factory was twice inspected on 17th
May 1890 and 21st October 1890.

4. The Registers prescribed by the rules
were

were properly kept. A copy of the rules in English and Telugu, and a table of working hours and holidays are posted up.

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

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

7. No accidents were reported in the year.

8. There were five children employed during the year, who were duly mustered under Rule VII at each inspection.

9. The usual tabular statement is enclosed.

10. I was unable to make a 3^d inspection in December as I had to go into camp almost immediately after resuming charge - an early opportunity will be taken to repair the omission this month.

I have the honor to be

Sir,

Your most obedient Servant,

(Signed) L. M. Wynne

(True Copy)

Ag. Head. & Master. & Co.

Name of Division	Name of Factory	Number of persons employed			Machinery whether used or not	Ventilation and Sanitation	Date on which examined
		Adults	Children				
Head Assistant	Government	338	5		Fused	Good	17.5.90.
Magistrate's Division	Work Shop						
	Bezawada						
		310	5		Fused	Good	21.10.90.

(Signed) L. M. Wynne

Ag. Head Assistant Magistrate

(True Copy)

200. 139 (True copy)

Forwarded to the Chief Secretary to
Government, Judicial Department.
This is the only factory in the District

Kishna District

Magistrate's office

Muzulipatana

Dated 10 February

1871

Copy

For District Magistrate

188 Judicial Department.

From,

The District Magistrate,
Kistna

To.

The Chief Secretary,
to Government,
Judicial Department.

Dated 11 / 7 / 1881
Despatched 16 / 7 /
Received

No.

Enclosüre

Subject.

Forwarding a Copy of
the Report under the Factory
Act for the Calendar year
1890, from the Head Assistant
Magistrate Kistna.

District Magistrate
BELLARY COLLECTOR'S OFFICE.
Dated 180

30

• **Phos**

R. Jewell Esquire,
COLLECTOR OF SOUTH BRISTOL
BELLARY.

•

THE *Chief Secretary to Government*
Judicial Department
Madras

Defensij Magistrate Ballany
Letter N. $\frac{1}{4-1-91}$
do. G'dami Letter N. $\frac{28}{18-1-9}$

I have the honor to submit Copies with Copies of Enclosures of reports received from the Divisional Magistrates marginally noted on the working of factories for the year 1890 and to state that there are no factories in Kaspet Division.

I have the honor to be,

Spencer East. Oct. 1891. E. Kenyon

A. B. Kuznetsov

John C. McLaughlin

Sir
 R.R.
 10/12

CNO 772

REVENUE DEPARTMENT.

From THE COLLECTOR OF BELLARY.

To THE Chief Secretary to Government, Madras.

No.

Dated

Despatched

Received

17

Enclosures

Abstract.

Substantiating Copies with copies of Enclosures of reports received from the District Magistrates on the working of Factories during the year 1890.

Bellary District Magistrate's Office 23 January 1891

B. H. Chester Esquire

Deputy Magistrate & Inspector of Factories

of Bellary Division

The District Magistrate,

Bellary.

I have the honor to submit the usual report on the working of the Factories in the Bellary Division during the Calendar year 1890.

2. Three Factories continued under inspection. I visited each three times during the year on the following dates.

- (1) The Bellary Spinning and weaving Mills 7. July 19. August 11. December 11. July 13. September 17. November
- (2) The Bellary Arsenal 18. July 27. August 29. September
- (3) Messrs. Dymally & Co. Cotton Press.

3. Children are employed only in the Bellary Spinning & weaving Mills. No girls are employed. At each inspection I had the children mustered. They looked healthy and strong and in no case did I see a child under seven years of age.

4. The requisite notices were duly exhibited in all three Factories.

5. The arrangements for sanitation and ventilation were good.

6. There were no prosecutions during the year.

7. There were no accidents at the Arsenal or Messrs. Dymally & Co. Cotton Press, but there were seven accidents at the Bellary Spinning and Weaving Mills. Statement A shows in detail the name of person injured, the nature of the accident, date of injury, and date of return to work. There were no fatal accidents. Those injured were paid full wages during the period they were in hospital. Inquiries made by me show that the accidents were due

to Carelessness on the part of Employers...
 Statement B. enclosed shows the number of
 persons employed at each inspection & the state of
 the factories in regard to sanitation & ventilation.

Have the honor to be &c.
 (Signed) B. H. Chester
 Deputy Magistrate and
 Inspector of Factories
 Bellary Division.

(True Copy)
 A. B. K. M. D. M. D.
 For D. B. K. M. D. M. D.

12/2 14/2

177-2081
 2

Statement A

Name	Nature of injury	Date when injured	Date when returned to duty
D. J. O'Brien	Injured 23 fingers of his left hand while working with the handle of a pump & injured his hands	28 th January 1890	23 rd February 1890
Paragon	Injured his hands while putting up leather belt	2 nd March 1900	2 nd May 1900
Wenman	Injured the 2 fingers of his left hand while working	12 th May 1900	27 th May 1900
B. C. O'Brien	Injured 2 fingers of his left hand while working a drill	30 th June 1900	8 th August 1900
Burandean	Injured 2 fingers of his left hand while working a drill	15 th July 1900	31 st July 1900
Went at as any	Injured right hand & middle finger while cleaning machinery	24 th August 1900	2 nd September 1900
Quintling of pa	Injured the wrist & elbow of his left hand while cleaning	28 th September 1900	28 th September 1900
13			
14			
15			

(Signed) B. H. Chester
 Deputy Magistrate &
 Inspector of Factories

(True Copy)
 A. B. K. M. D. M. D.
 For D. B. K. M. D. M. D.

15

Jul 72/1913

52

[illegible]

Name of Factory	Date of Inspection	Persons employed		Machinery	Ventilation & Sanitation
		Adults	Children		
Bellay spinning & weaving mill	7. July 1890	356	34	480 - 7000	Good
Bellay Arsenal	17. July 1890	253	"	253	80
Infors Dymos & Co Cotton Press	18. July 1890	50	85	135	80
Bellay spinning & weaving mill	19. August 1890	330	34	448	80
Infors Dymos & Co Cotton Press	27. August 1890	48	80	128	80
Bellay Arsenal	13. September 1890	186	"	186	80
Infors Dymos & Co Cotton Press	29. "	8	45	53	80
Bellay Arsenal	17. November 1890	216	"	216	80
Bellay spinning & weaving mill	17. December 1890	369	30	470	80
Bellay Arsenal	10	1	1	1	80
Bellay Arsenal	29. January 1901	11	1	1	80

13. 78 (checked by Inspector of Factories - / June 27/01
 W. Buchanan
 For District Inspector

Bellamy }
 29 January 1911 }
 6
 Ed. [unclear]
 Conto 114

For Postpaid

No 28

Enc. 1.

Adoni Sub Divisional Magistrate's Office
Dated 16th January 1891

From Mr. R. R. S.
G. Khandaramayya garu
Sub Divisional Magistrate

To The District Magistrate
Bellary

Sir,
I have the honor to submit my
report on the working of the only factory
in this Division, namely Messrs. Dignes
Hobbs & Co. Press at Adoni, for the
year 1890.

In this factory cotton is pressed
into bales with the aid of a Steam
Engine of twenty horse power with two
cylinders and a boiler. There is also a
ginning machine worked by an engine
of 24 horse power. Besides these engines
there is within the precincts of the factory
a portable engine of six horse power which
is said to have been originally set up in
connection with machines for boring
and turning and not in use now.

3. During the year under report the
factory was inspected five times by my

per 22/1/91

producer and one by me on the follow-
ing dates.

- I. on 14th May
- II. " 11th June
- III. " 15th July
- IV. " 1st September
- V. " 28th September
- VI. " 23rd December

4. The building is fairly neat and sufficiently well ventilated.
5. The work people were found to be cheerful and healthy.
6. The working hours are from 6 a.m. to 6 P.M. with sufficient intervals for meals and recreation.
7. The machinery though not regularly cleaned is kept in a separate room to which people other than those who work with it have no access.
8. One accident during the year.
9. On 10th September, during the year, under report. On the 22nd September, at 12.40 P.M. one of the men, a husband, had his thumb injured while working at a spinning machine. The injury was not serious.

it prevented him from attending to his work for about a week.

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

10. A copy of the rules and a table of working hours are only posted up, but the latter was not in the form prescribed by the rules. The Agent's attention was called to this.

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

12. Registers A and B are maintained in my office.

13. A Statement in the form prescribed in para 4 of Government Order, dated 7th July 1885 No. 460 Judicial is enclosed.

Thavete

(Sd) G. Kothandaramayya.
Deputy Magistrate and
Inspector of Factories
(Trichy)

A. R. Srinivasan
For District Magistrate

Office RR
Camp 20
12/12

42-23

10/15/51

Ans. 1506

I am

The District Magistrate

Nilgiris

RECEIVED

28 MAR 91

The Chief Secretary
Government

Judicial Dept

Madras

Recd 26

Received

March 1891

No 269

Enclosure: 1

Subject

Section:

Salvage report on

in the Nilgiri District

for the year 1890 submitted

by the Deputy Magistrate

Statement showing the number of persons employed at the end of the season and the state of facility with reference to ventilation and ventilation

Number of persons employed at the end of the season.

Facility whether forced or not Ventilation and sanitation

Adults

Children

Boys

Girls

Boys

Girls

Boys

Girls

Boys

Girls

Boys

Girls

Boys

Girls

Boys

Girls

Boys

Girls

Boys

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Girls

Boys

Girls

Boys

Girls

Boys

Girls

Boys

Girls

Boys

Girls

Boys

Girls

Boys

Girls

Good

Though not forced is same enough

being placed in a separate room

altogether set apart for the purpose

and not accessible to anyone else

but the driver.

Bellary - Minor Dynamite 36 74

Cotton Press

at Adami

serious.

(Signed) G. Kottasaram
Deputy Magistrate and
Inspector of Prisons

(one copy)

A. R. Kottasaram

Deputy Magistrate

10/3/91

1890

28

Report on Railway Factories for the year 1890

The number of Railway
Factories for 1890 remained
the same as those of 1889. The
dates on which they were
inspected are shown below

Madras Ry. Perambur works { 21st February
14th August
19th December

S. I. Ry. Engineering works. — { 19th February
Trichinopoly — { 25th August
9th December

S. I. Ry. Loco. and carriage shops { 15th February
Negapatam { 21st August
25th September

2. A detailed statement of
accidents reported during the
year together with a list of
Factories is herewith enclosed
3. None of the accidents were
serious.

1890

3
1/12/91

William Smith
Major R.E.
Inspector of Eng. factories
Kerr

Detailed Statement of Factory Accidents on the Madras and South Indian Railways for 1890.

4 Jan

Railway	Factory	Date	month Day	Remarks
Madras Railway	Perambur works	January	21 st	Three fingers of right hand of a Cooly were severely hurt by the accidental fall of an axle box which he was carrying.
		February	18 th	The right eye of a boiler Smith was severely hurt owing to a chip from a rivet, which he was cutting, striking it.
		May	3 rd	The left leg of a Charpeman was scalded by his accidentally putting it in front of a pipe out of which steam was passing.
		"	14 th	The right eye of a Cooly was severely hurt by a spanner, which he was using at the time, accidentally slipping and striking him on the eye.
		"	26 th	Two fingers of left hand of a Cooly got jammed between a fuel truck which he was pushing and a firewood bin.
		September	2 nd	While a moulder was casting, some molten metal splashed on the moulder, flew into his eye and destroyed its vision.
		October	27 th	A machinemane was hurt by his accidentally tripping and falling against a projecting portion of a drilling machine.
		"	28 th	A Cooly was hurt by a piece of timber which he was cutting on a saw which springing up and striking him on the head.

List of Factories

Name of District	Name of Factory	No. of hands ordinarily employed		Machinery used or not	Ventilation and Sanitation	
		Adults	Children			
Madras	Perambur Ry: Work shops	2842	"	"	Good	43
		2004				52
Trichinopoly	S. S. Ry: Engineering Works	575	"	"	Do	
	Trichinopoly	575	"	"	Do	
Chennai	S. S. Ry: Loco + carriage shops	2180	"	"	Do	
	Madhapalam	2246	"	"	Do	

Sidney Smith
Major R.E.
Inspector of Ry factories
Kun

Madras, }
11th March 1898

1890

28

Report on Railway Factories for the year 1890.

The number of Railway Factories for 1890 remained the same as those of 1889. The dates on which they were inspected are shown below.

Madras Ry. Perambur works { 21st February
14th August
19th December

S. I. Ry. Engineering works. - { 19th February
Trichinopoly - { 25th August
9th December

S. I. Ry. Loco. and carriage shops { 15th February
Negapatam { 21st August
25th September

2. A detailed statement of accidents reported during the year together with a list of factories is herewith enclosed.

3. None of the accidents were serious.

1890
5

List of Factories

Name of District	Name of Factory	No. of hands ordinarily employed	Adults	Children	Women	Males	Females	Machinery	Is it sufficiently fenced	Good	Ventilation and Sanitation
Madras	Perambur Ry: Work shops	2872									
		2864									
Trichinopoly	S. S. Ry: Engineering Works	5756									
	Trichinopoly	69									
Channarayana	S. S. Ry: Loco + carriage shops	2180									
	Channarayana	2246									

Madras, }
 11th March 1891
 S. S. Ry: Loco + carriage shops
 Channarayana
 Major R. E.
 Inspector of Ry factories
 Mysore

Form No. 2

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,
Madras, 11 March 1891.

Report on Railway Factories for
the year 1890

No. 287

SUBMITTED

to Government with

reference to G.O. dated 9th
February 1883, No. 329-330,
Judicial.

Sd/-

Majr R. C.

For Offg. Comr. Engrs. Dept.,

Kms

To

The Chief Secretary to Govt.
Judicial Department

2
12/9/91

From

THE CONSULTING ENGINEER

FOR RAILWAYS,

MADRAS,

No. 281

Dated

Received

11th } March 1891.

NO. OF ENCLOSURES. 3

Subject.

Submitting the report on
Railway Factories for the
year 1890.

Cuo. 1219

Deputy Magistrate Office
Ootacamund 25th March 1891

No 255

From

A. M. Jones Esq. M.L.
Deputy Magistrate and Inspector
of Factories
Mepia

To

The District Magistrate
Mepia

Sir,

I have the honor to submit
my report on the working of the
Indian Factories Act (No. 18 of 1881)
during the year 1890.

2. There is only one factory in the
District under the operation of
the Act viz. The Muvvie Brewery,
Ootacamund branch.

3. I inspected the Brewery thrice
during the year under report viz
on 8th July 1890,
31st July 1890 and
28th December 1890.

5. There were no accidents in the
Establishment. Registers C & E
were written up to date the latter
two

two being blank. The Rules and time of work viz 7 to 12 Am and 1 to 5 1/2 Pm were hung up in conspicuous places.

5. There has been no increase or change in the engines which were well protected and the place was clean and well ventilated.

6. The Manager Mr J. W. Howard sees all the rules under the Act complied with.

7. The usual tabular statement is herewith submitted.

I have the honor to be,

Sir,

Your most obedient servant

John Wilson

Deputy Magistrate and
Inspector of Factories
Meffin

15. 26th March 1891

Submitted to the Commission

Witness my hand

John Wilson

Statement showing the number of persons employed during the year 1890 in the Murree Brewery Botacamm Branch

Name of Factory	Date of Inspection	Number of persons employed		Machinery whether fenced or not	Ventilation Sanitation	Remarks
		Men	Women & Boys			
Murree Brewery	8th July 1890	103	11	na	na	Well secured, Clean and well ventilated
Confacy Botacamm	31st July 1890	96	12	na	na	fenced
Branch	20th December 1890	77	12	na	na	

John Wilson
Deputy Magistrate &
Inspector of Factories
Meffin

Botacamm 3

25th March 1891

25/1

[Faint handwritten text, possibly a return address or reference number]

J. 1536/191

No. 8 *McLennan* 50
City Police Office,
Madras, 26 March 1891

From: THE COMMISSIONER OF POLICE,
Inspector of Factories. MADRAS.
To: The Commissioner of Police,
Madras.

Sir,

I have the honor to submit
my report, under the Factories Act
of 1881, for the calendar year 1890.
There are eleven factories
in the city of Madras, and they
were visited by me at least three
times during the year in accordance
with the prescribed rules. The
statement below shows the number
of times I inspected each of them,
the number of persons employed, and
the

The state of the factories in regard to sanitation & ventilation.

Name of factory	Dates of inspection	Number of persons ordinarily employed				Number of accidents	Machinery whether fenced or not	Ventilation & Sanitation
		Adults		Children				
		men	women	male	female			
Gun Carriage Factory	1890 29 th March 18 th July 9 th October 17 th Dec.	421	2	.	.	=	Yes	Good
Southern India Spinning and Weaving Mill	25 th March 12 th May 18 th July 29 th October	781	20	.	.	6	"	"
Harlow Works	25 th March 30 th June 28 th October	724	31	.	.	15	"	"
Leahurst Works	27 th March 17 th July 27 th Dec.	208	.	.	.	2	"	"
P. W. Workshops	26 th March 9 th July 16 th Dec.	338	2	.	.	5	"	"
Madras United Spinning & Weaving Mill	28 th March 15 th July 28 th Dec. 29 th Dec.	672	48	26	.	6	"	"
Birmingham Mill	28 th March 15 th July 28 th Dec. 29 th Dec.	790	47	63	11	4	"	"

Name of factory	Dates of inspection	Number of persons ordinarily employed				Number of accidents	Machinery whether fenced or not	Ventilation & Sanitation
		Adults		Children				
		Men	Women	Male	Female			
Carnatic Mill	1890 28 March 15 July 28 Dec 29 Dec	479	79	24	1	16	Yes	Good
Leesent Works	27 March 17 July 2 Dec	84	96	"	"	"	"	"
Ree Hise Foundry	26 March 30 June 30 Dec	171	"	14	"	"	"	"
Simpson & Co.	29 March 18 July 9 October 17 Dec	351	"	37	"	2	"	"

3. Children. The Buckingham and Carnatic Mills continue to employ children as usual and have on their rolls 78 and 24 respectively. The former began the year with 112 children admitted 84 during the year trans-ferred 46 to the adults register and struck off 76 as absentees. The latter commenced with 63 children, admitted

59. struck off 59 and transferred
the same number to the adult
class. The teachers limited
spinning and weaving, with
Cecilia Simpson & also employed
children during the year, as
shown in the above statement.
The children were seen by me
at all my inspections, appeared
to be well looked after, were
allowed the usual holidays and
were employed as required by the
Act.

Accidents - I appended a list
of accidents during the year.
There were 59 against 60 in 1889.
Statement A gives in detail the
number in each factory, how
each occurred, and the extent and
description of the resulting
injury. In all but 17 cases,
the main cause was of a trivial
nature.

59
1152
nature, and in only one was death the
issue. This case occurred in the
factory and was caused by the
breaking, accidentally, of the branch
pipe, at feed valve to boiler. Early
on the morning of the 7th November 90,
the 2nd fireman (Parker) on duty
noticed that one of the pipes was
leaking, called the attention to it
of the deceased Anthony, the 1st
fireman, who at once referred to the
stoker, instructed the pipe and finding
there was too much pressure, directed
fireman Pannasam, who was firing
at the time, to lessen the fire.
The man Parker very fortunately for
himself, had just stepped aside to get
a shovel when an explosion occurred,
and the steam thus released filling
the room, concealed from view the deceased
and fireman, for about 15 minutes.
When the atmosphere cleared, the deceased
Anthony & fireman Pannasam were
seen rolling about in the floor. The

lower was badly scalded in the
lower extremities, right shoulder
and chest, and the lower legs
severely on both sides. There were
burns caused by the general
boiling water. There were im-
mediately attended to. Temporary
was discharged in 15 days, but
died in the 25th November
from rupture of internal organs
and exhaustion the result of
extensive scalds. The suspect was
held by the three and the following
statement by the Engineer in charge
read at this inquisition.

Verdict
Accidental

x x x x x x x
I made an examination and
found that the feed pipe had
broken in two, and this must
have caused a sudden escape
of boiling water and this have
scalded the two men. I examined
the pipe and found that it
indicated 115 lbs pressure. There

53 might have been a greater pressure
before I came up, but it could not
have been much more, perhaps abo-
two pounds more which came down
through the breakage. We never work
with more than 125 lbs pressure and
boiler is quite capable of standing
this pressure, as it has been
tested to stand three times a greater
strain. The boiler and all its com-
ponents were in good working
order as far as I could see, but
after the accident I discovered that
there had been a slight flaw in
the strengthening rib of the feed
pipe and advised the Accident to
this. This flaw could not have
been discovered unless the pipe had
leaked, but there was no leak
whatever when we closed with the
previous evening. I do not believe
that the pipe broke from over
pressure of steam, as in that
case it would have burst into

fragments and not in two as it
has happened. We examine our
boilers about once a month, and
when I last examined this boiler
together with the boiler to which
was about 3 weeks previously,
I found everything sound.

5. In the Harbor works, there
were fewer accidents, but in the
Carnegie Mill, I regret to say, a
larger number, fully double that
of last year (1889). Most of them
resulted through carelessness on the
part of the operatives themselves.

I have the honor to be

Very respectfully,
Your obedient servant.

Samuel H. Sprague

Commissioner of the
Bureau of Factories.

Statement A.

ENCLOSURE

Statement A.

13

Name of Factory.	Name of persons injured	Date of accident	Sex	Age	Nature of injury
Gun Carriage Factory.	Gummaappa.	26.3.90	Male	42.	2 nd & 3 rd fingers of left hand injured. Right side of his head & Chin bruised by the fall of sceler.
"	Valayappa	28.8.90	Male	39.	* Thumb of the right hand severely cut while working at a Circular Sawing machine.
"	"	"	"	"	"

20/10/90

Southern India	Spinning	Weaving Mill	Gyapuram	Mustapha	10.5.90	do	do	25.	Male	One of the right hand fingers slightly injured by negligently putting his hand in one of the drawing machines to pick waste, while in motion
								13	do	Two fingers of right hand injured by putting his hand in the Back Roller machine to pick up cotton there from
								40	do	3 fingers of the right hand cut by negligently cleaning the scatcher while it was running

Arthimoolam	13.8.90	Hudro	Male	30	15	Slight injury in the right hand palm by negligently cleaning the engine while in motion
Periasawmy	31-10.90	do	do	35	do	Injured on the head by circular saw machine
Moonisawmy	13.11.90	do	do	14	*	Right arm bone broken wrist between ~~middle~~ and shoulder and 2 front teeth broken by tumbling down the stairs case

Harbor Works	Rama Sany	5-1-90	Hindu male	35	Swelling of the left knee Caused by a piece of timber striking his knee.
"	"	"	"	"	"
"	Mannoomeah	8-1-90	Hindu male	30	Wound on the right foot Caused by a ship-truck wheel passing over his foot.
"	"	"	"	"	"
"	Sootaunoidem	10-1-90	do.	32	A finger on his left hand wounded by placing his finger under stone Crusher jaw.
"	"	"	"	"	"

"	Chundan	15-1-90	Barker male	38	17 Wound on the right leg Caused by harrow, been struck by wrench handle.
"	Rajagopaul	15-2-90	Hindu do.	40	* Jammed his right hand, harrow, it caught in the machine.
"	"	"	"	"	"
"	Amapporani	19-3-90	Boat. Female	11	A wound on the right leg Caused by a block truck wheel passing over it.
"	"	"	Woman	"	"

18

*

Pariporum 26.3.90 Native Male

Christian

Fracture of right wrist & right thigh caused by the man falling off the South Pier Tilan. Ladder.

*

Prothial Chatty 1.5.90 Hindu Male

Had the big toe of his left foot smashed by the light rigger's Cradle-wheel passing over it.

Rouman

4.7.90 Hindu Male

Big toe of his right foot smashed by a ship-truck wheel passing over it.

Rungiah

7.7.90 Hindu Male

Big toe of his right foot smashed by a ship-truck wheel passing over his foot.

Mathuray

18.7.90 Hindu Male

Big toe of his left foot smashed by a ship-truck wheel passing over it.

Mathuray Seeda

1.9.90 Hindu Male

Wound on the right leg caused by a Cradle-wheel of Tilan Crane. S. Pier, tilting over his leg.

-man

Perrigo Humilis 19.8.90 Villala male 36

Big toe of left ^{foot} slightly
wounded, by the fall of
a granger's Pair seal
slaid. on the foot, while
lifting the slaid.

*
P. Horniswary 25.6.90 Villala male 35

A severe wound on the
fore-head from a hammer,
caused by the head of a
hammer accidentally
striking the fore-head
while he was on duty.

J. Pereria

11.9.90 Duraim male

14

2nd finger of left hand
jammed, by the wheel
gear of a drilling
machine, while at
work with it.

Sheperumall 22.9.90 Villala male

15

Fore finger of the left hand
cut by a Chisel while
working, caused by a
Carpenter's Chisel cutting
the finger while using
the same at a mill -

Madras United Sheep Co. 19.3.90 Mural Male 13

Spinning &
weaving mill
Choolay.

* Severe crushing caused
by being caught between
the two ten rollers of
a throstle.

Sorniacotty 12.4.90 Pillay do 35

Injury to fingers of the
right hand caused
by putting his hand
on the beater while
in motion.

Sauvacheudra 26.4.90 Pandey Male 50

Injury to the 2nd finger of left
hand caused, by placing
his hand on the Governor
of the engine carelessly.

Raganoolos 12.10.90 Pophara Male 15.

25
Cut on the right arm
& right foot by his own
negligence by getting his
hand caught by the
iron pulley while clearing
-mugs.

Sorniacotty 30.11.90 Kachan Male 17

Bringing of the second
finger of the left hand,
caused by carelessly
putting his hand
under the rollers of
a mule.

50

50

50

50

50

50

50

50

50

50

50

50

50

50

Prosser Murray 1-12-90 knite male 20

Slight laceration ^{not on}
left hand & shoulder, caused
by carelessly getting his
hand caught by rollers
of a throttle while
trimming piling

Buckingham Shachana worthy 19.2.90 knite male 13.

Mill.

Injury to the 3rd finger
of right hand caused by
his carelessness by putting
his finger in the wheel
of Riving machine.

Ma Murray 4.3.90 knite male 25.

Loss of 2nd finger of right
hand by getting trapped
in Governor of Engine.

Ma Sarvan 10.7.90 Hindu male 13

Injury to the 1st joint of
1st finger of right hand
caused by his own
carelessness by putting
his finger in the roller
wheel of pulg frame.

Parasitoid 23.9.90 hatching male 15

Leaving to the 103 point of
1st finger of right hand
Pinned by his own negligence.
in cleaning wheels in motion -
3rd & 4th fingers bruised,
Pinned in the guidings
stone while sharpening
a tool -

Carnatic hill Cynipid hatching 21-1-90 hatching do 35

Vespa hatching 26-1-90 hatching male 15

Hurt on his left knee
by leaning on the wheel.
while frame while
in motion -

Vespa hatching

4-2-90 Parich male

14

Hurt on the 4th fingers of
his left hand by his own
carelessness by putting
his hand between two
back rollers & carries
wheels of the King's stool
frame while in motion -

Gopaul

6-5-90 Parich male

14

Hurt the end, 3rd & 4th
fingers of left hand by
putting his hand out of
curiosity between 2 rollers
while carrying machine
while in motion -

Wagoner 11.5.90 Muddy 16. Start 1st and 2nd fingers
of right hand by putting his
hand in a pair of Pinion
wheels of the Throttle frame
while in motion -

Vallaperry 11.5.90 Muddy 25. Start 2nd 3rd & 4th fingers
of right hand while working
on the Saw Machine, his
hand slipped & fell
across the Machine against
the frame -

Moonian 22.5.90 Chack. Mude 16 Start the 3rd finger of
his right hand by Careless
- by putting his hand in
a pair of pinion wheels
of the Throttle frame
while in motion -

Hyder Hoosain 3.6.90 Muddal Mude 14 Start on the 6th fingers of
his right hand by
Carelessly putting his
hand in a pair of
Pinion wheels of the
Throttle frame while
in motion -

Moosilawung 1.6.90 Tamil male 30

Hurt his head by a
driller accidentally
slipping from the
Ratchet and falling
on it -

Moosugaleen 18.7.90 Moorokha, male 18

Hurt his right thumb
by Carelessly putting
his hand in a Boshan -
wheel of the Roving
frame while in
motion.

Hoosavai

19.7.90 Tamil male 15

Khau

- man

Hurt the 4th finger of
his right hand by
playing with another
boy and jack machine
accidentally falling
on his right hand -

Lutcheinee

22.9.90 Tamil female 14

A slight hurt on her
right eye - brow, caused
by a Shuttle accidentally
flying out while she
was passing through the
weaving shed.

Pariah

16.10.90 Tamil Male

20 Hurt the 3rd finger of his right hand by carelessly putting his hand between two back rollers in the rolling frame while in motion.

Ramalingam

16.10.90 Tamil Male

14 Hurt on 4th finger of left hand by carelessly putting his hand between a pair of pinion wheels of the Thrustle frame while in motion.

Anthony

7.11.90 Pariah Male

30 * Scalded below the waist by steam blowing, on account of the Branch pipe breaking accidentally at feed valve to Boiler.

Died 25.11.90

Ponnonnammy

7.11.90 Pariah Male

20 * Scalded on the back of thigh, by steam blowing on account of the Branch pipe breaking accidentally at the feed valve to Boiler.

Beehive Foundry Sunday 19.3.90 Andra male 52 One finger of left hand being jammed between two rollers causing a slight lacerated wound.

Simpson & Co. Vadenaboo 13.2.90 do male 30 * Got his cloth entangled in the strapping while engine was at work - left leg fractured & amputated - in hospital

Chen the 5.11.90 Vancouver male 35 Hurt on the leg by a piece of timber falling on it.

Shed. Supra. in
By Vancouver Police
Inspector of Factories.

16/219
Magte

Coimbatore District Magte's
office, 28th January 1891.
38

From J. Sturrock Esquire,
District Magistrate of
Coimbatore.

The Chief Secretary to Government
Judicial Department,
Madras.

Sir,
I have the honor to enclose copy
of the report received from the
Deputy Magistrate in charge of the
Coimbatore Taluk Division, dated 28th
February last, No. 4, on the work-
ing of the Indian Factories Act for
the Calendar year 1890, and a copy of
the statement received from him
showing the number of new employ-
ed, &c.

2. The Spinning and Weaving Company
factory which is the only one in the
District which comes under the

Received

Review of the Act has been twice
inspected in the year by the Deputy
Magistrate and the remarks passed
by him have been duly communi-
-cated to the occupier of the factory.

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

I have the honor to be,
Sir,
Your most obedient Servant

For District Magistrate

(Sd/-)

Ind. No. 1515 of 1891

ENCLOSURE
No. 4
F.A. Coimbatore Deputy Magistrate's
office, 28th February 1891

From
M. R. Dy. J. Gopalambhai and
Deputy Magistrate,
Coimbatore.

To
The District Magistrate of
Coimbatore.

Sir,
I have the honor to submit
my report on the working of the
Spinning and Weaving Company Fac-
tory, Coimbatore, for the year 1890.

2. The Factory was nominally open-
-ed on the 18th August 1890, but the
real work was commenced on the
1st September 1890.

3. I inspected the Factory twice
during the year viz 1st and 18th Oc-
-ber 1890. On these occasions the
managers of the Factory gave me
every facility in my work of inspec-
-tion. Copies of my remarks on the

State of the Factory during those inspections are herein enclosed.

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

5. The Machinery appears to me to have all its dangerous portions securely fenced.

6. The Sanitary Condition of the Factory premises is good and the buildings are ventilated.

7. Three accidents were reported during the year. These were due to the Carelessness of the persons employed. They were successfully treated in the Municipal Dispensary, Coimbatore.

8. In this Factory Cotton yarn is manufactured and pressed into bales with the aid of a steam engine of 266 horse power.

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

10. A Statement in the form prescribed

4084
in paragraph 7 of G. O. dated 7th July 1885, No 17 to Judicial, is enclosed.

I have &c

(Signed) J. Gopal Rao
Deputy Magistrate.

Remarks on the State of the Spinning and Weaving Company Limited, Coimbatore, inspected on the 18th December 1890.

Factory No 1

I inspected this factory with the Assistant Surgeon this day. There were 150 adult males and 48 adult females, and 222 male children and 27 female children employed at the time of inspection. No children under the age of 7 years are employed in this factory. 23 children including male and females were

produced before me, and they have all been certified by the civil Surgeon under 12 years of age. But I with the Assistant Surgeon walked through among the working persons, to find out if there were any children under 12 years of age, employed without the necessary certificates having been obtained as to their ages.

The occupier did not obtain certificates for the children actually employed and

named in the margin. They appeared to me to be under 12 years of age. The

Assistant Surgeon who accompanied me, was also of the same opinion. The

occupier will see that the necessary certificates are obtained in the case of

the children pointed out by me.

2. The children work from 7 a.m. to 12 a.m. and from 1 P.m. to 5 P.m.

having an interval for food and rest from 12 noon to 1 P.m.

3. The notice of interval required to be

1. Pápal

2. Ineenáthi

3. Vólakhami

4. Inaruthal

5. Krishnan

6. Silwamuthan

7. Káshimuthan

No. 138.

8. Sultan No. 56

9. Bommadián

No. 37.

10. Abdul Razin

No. 150.

11. Komaram No. 25.

4154
Set up in the factory under Section 7 of the Act, is set up.

4. Children are not employed near the Steam Engine or its dangerous parts.

5. The machine has been carefully fenced in all its dangerous portions.

6. Register in Form C has been kept, while the Register in Form D has not, but should be done at once.

7. The notice showing the daily working hours has been set up. A copy of the rules has not been hung up as required by rule 23. This should be done at once.

8. The children whom I met and spoke to, said to me that they generally leave work at 7.30 P.m. This may or may not be true, but I call the attention of the manager to the strict observance of Section 7 of the Act, which clearly lays down that no child shall be actually employed in any factory more than 9 hours in

any one day. A copy of these remarks will be communicated to the occupier of the factory who should attend to them with as little delay as possible.

(Signed) J. Gopalan Nair
District Magistrate

Remarks on the state of the spinning and Weaving Company Limited Coimbatore, inspected on 1st December 1890.

Factory No. 1.

1. I inspected this factory with the manager this day. There were 144 adult males and 55 adult females and 249 male children and 46 female children, employed at the time of inspection. No children under the age of 7 years are employed in this factory. Children who are above 7 years of age and under 12, have been certified by the

Civil Surgeon as to their age, and the file of such Certificates in form C as required by the rules framed under the Indian Factories Act, has been duly maintained. No children are employed near the steam engine.

2. The notice of the interval required to be set up in the factory under Section 7 of the Act has not been set up. This should be done.

3. In Section 8 of the Act it is laid down that notice shall be given to the Inspector of the 4 holidays to be given to the children each month. I understand that every Sunday is a holiday, but formal notice of the fact has not been given to the Inspector and should be furnished. A notice in the Diglott form authorising 10 holidays for the whole year has been posted in a conspicuous place.

4. Section 8 of the act and rule 15 require that Registers of the children employed should be kept in forms D and E. This has not been done; but should be done at once.

5. A notice in form F as required by rule 16 showing the daily working hours of the factory has not been set up. This should be attended to at once.

6. The machinery in all its dangerous portions appears to have been securely fenced. I told the manager who was with me, not to allow the visitors to go near the Steam Engine. I intend taking an Engineer with me in the course of my next inspection to give a professional opinion as to the secure fencing of the machinery.

7. Rule 23 requires that a copy of the rules and forms should be hung

up in the factory in a conspicuous place. This has not been, but should be, done.

8. A copy of these remarks will be communicated to the occupier of the factory who should attend to the remarks with as little delay as possible.

(Signed) J. Gopalan Nair
Deputy Magistrate

(True Copy)

for District Magistrate

(V.V.)

Table showing the number of persons employed at the end of the year and the state of the factory with reference to sanitation and ventilation.

Name of District	Name of Factory	Number of persons employed at the end of the year.		Machinery	Ventilation and Sanitation.
		Adults	Children		
		Men	Women	Males	Females

75

Spinning and

Simbabre Weaving Company 138 62 218 54

Limited, Coimbra

- lone

Property found Good.

445

(Signed) J. J. of the same
Deputy Magistrate

(True Copy)

(Signed) for District Magistrate

Enclosure in a letter
From
The District Magistrate
of Coimbatore
To

The Chief Secretary
to Government
Judicial Department,
Madras.

Dated 28th }
Despatched } March 1891.
Received }

N^o 219 of 91
Magte.

Remarks on the State
of the Spinning and
Weaving Company, Limi-
ted, Coimbatore and
Statement showing the
number of men employed
therein &c.

Ind. Ass. 15/5/91

Judl Cuo 1515.

From
The District Magistrate
of Coimbatore

To
The Chief Secretary
to Government,
Judicial Department,
Ch. S. A. Madras.

Dated 28th }
Despatches } March 1891
Received }

No. 219.
Magte

Enclosures # 2

Submitting report on
the working of the
Factories Act for the
year 1890.

South Arcot.

No. 499 dated.

1891
District Magistrate's Office
Cuddalore
10th April 1891.

From.

G. H. T. Power Esquire
Acting District Magistrate of
South Arcot

To

The Chief Secretary
to Government
Madras.

Sir,

With reference to G.O. dated
5th March 1883 no 625, Judicial and
paragraph 6 of G.O. dated 9th February 1882
no 193, I have the honor to forward herewith
reports from the Deputy Magistrates G.D.
Cuddalore and Tirukoilur on the working
of the Indian Factories Act 1881 during
the Calendar year 1890.

2. There are two factories in the District one
at Melikuppam and the other at Tiruvanna-
mallur falling within the scope of the act.
Both of them were in working order during
the year under report.

3. The factory at Melikuppam is situated
within the Cuddalore Deputy Magistrate's
Division. This officer and his predecessor
have inspected it on three occasions during
the year.

4. There were seven accidents in this factory

4. during the year. None of them proved fatal.
5. The sanitary condition and ventilation are reported to be fairly good. Juveniles, under the prescribed age, are not employed.
6. The factory at Tirumanaallur lies within the Tirukoilur Deputy Magistrate's Division. This officer has inspected it thrice during the year.
7. There were no accidents in this establishment.
8. The sanitary condition was fair and ventilation sufficient.
9. No prosecutions were ordered under the Act during the year.
10. The statement prescribed by Government in its order no 1760 dated 7th July 1885 is enclosed.

I have the honor to be
 Sir
 your most obedient servant

For District Magistrate

38
 To
 G. H. J. Power Esquire
 District Magistrate of
 South Arcot.

Sir,
 I have the honor to submit my
 report on the working of the Factory Act
 in this division for 1890.

1. There is only one working registered factory in this Division that of Messrs Parry & Co at Tirumanaallur: more than 100 Coolies work in it and they were so employed in 59 days during the year under report.
2. Adult males or females work 10 hours a day from 7 to 12 A.M. again from 2 to 7 P.M.: Special arrangements are made for night work during sugar manufacturing season so as to give 12 hours work per head day and night put together: a Cooly is made to work from 7 A.M. to 7 P.M. and then relieved for the rest of the day: he comes back at 7 P.M. and works on until 1 A.M.: the relieving Cooly working from 1 to 7 P.M.

4 and again from 1 to 7 AM.
 5. The Coolies are generally well clothed and healthy and as a rule children are not employed.

6. The Coolies get daily wages distributed once in a fortnight. It does not appear that their wages are unnecessarily withheld.

7. As much as the Coolies get only daily wages for the days they work, they enjoy holidays at their will and pleasure. Standing Coolies it is stated enjoy 6 days for Pangal & 3 days for Deepavali in the case of Hindus and 3 days for Bhocharan and 2 for Pangam and Kutha in the case of Mohammedans.

8. The sugar cane season begins from the month and ends by 15th May. That is generally the most busy part of the year.

I have visited the factory three and extracted from the registry of inspection enclosed for information.

9. No accidental deaths have been reported during the year under report. I have the honor to be, Sir,
 Yours faithfully,
 J. A. Chaudhury
 District Magistrate

Deputy Magistrate

Report on Inspection of Factory in the Division of District Collector's Office, 1890

No. of name of mine or factory	No. of persons at work in the factory		No. of persons at work in the mine		No. of persons at work in the mill		No. of persons at work in the sugar cane field		Remarks
	Male	Female	Male	Female	Male	Female	Male	Female	
1	20,590	16	8						This is not the working season. No work is going on since June. Cultivation will start in October.
	3,1090	4							Officially declared as a non-working season.
	3,1450	31	8						Officially declared as a non-working season. Cultivation will start in October.

Signature of District Magistrate
 Date: 18/10/90
 Place: District Office

486

Signature of District Collector

12/10/90

Enclosure to L. C. ...
 no. 25
 28.29

2
 28.29

6

79

79

[Faint, mostly illegible handwritten text, possibly bleed-through from the reverse side of the page.]

1891

From.

The District Magistrate
of South Arcot.

To
The Chief Secretary to
Government
Judicial Department
Madras

Dated 10th April 1891

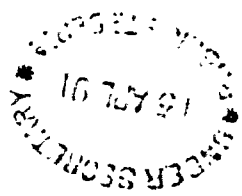
Received.

No. 499 Indexed

Encs: 5.

Subject

Submitting report
on the working of the
Cudrair Factories Act
during the Calendar
year 1890.



83

58h

Deputy Magistrate's Office

Cuddalore 16th March 1891

From the Deputy Magistrate
of South Arcot, R. G. D. S. S. S.

O Krishna Row. Sargal

Deputy Magistrate

Cuddalore

The District Magistrate

South Arcot

have the honor to submit

my report on the working of the

Factory Act for the calendar year

1890.

The factory at Kellikuppam

belonging to Messrs Parry & Co.

was inspected during the year

by my predecessor Mr. Sunda &

B. A. and by me on three occasions

as noted in the margin and the

result of the inspection is given

9.5.90

8.10.90

7.12.90

iii Statement B. (Enclosed)

2. On the two occasions I was there I found the Sanitary condition and the ventilation of the Factory fairly good.

3. As no children under 12 years of age were employed in the Factory the registers D & E (rule 15) and the file of certificates in form 6 (rule 14) have been maintained.

4. There were seven accidents during the year under report of which in three cases the injured persons were successfully treated in the Hospital at Morija cuppani. But in the other four cases the injured persons were partly under treatment in the Hospital and subsequently cured by private treatment. A statement showing the details

684
of each case is herewith submitted.

5. There were no prosecutions in the year.

I have the honor to be

Sir
Your most obedient servant

Deputy Magistrate
Cuddalore

From.

The Deputy Magistrate
Cuddalore

To

The District Magistrate
South Arcot
Cuddalore

Dated 16th
Despatched. D.D. } March 1891
Received

Ch. 38

Encl. 2

Submitting report
on the working of the
factory Act during the
year 1890

837
228

Statement showing the number of persons employed on the dates of
inspections and the state of the factory with reference to
sanitation and ventilation during the year 1890.

Name of District.	Name of Factory.	No. of hands employed on the dates of the 3 inspections.			Machinery whether forced or not.	Ventilation and Sanitation.
		Adults.		Children.		
		Men	Women			
South Arcot.	Sugar	19-5-90.			Forced.	Fairly good.
	Manufactory	466	56	30.		
	and	8	10	90.		
	Refinery	588	45	30		
	and					
	Spirit	2-12-90				
	Distillery					
	Kellikuppam	491	56	40.		

Per
Deputy Magistrate
Cuddalore.

16-3-91

Statement showing accidents that occurred in the Sugar Brandy Factory and refinery and spirit distillery at Tellicherry during the year 1890.

Date of occurrence	Caste	Sex	Age	Particulars of injury & how caused.	
1	2	3	4	5	6
4.2.90	Alamadu	Pariah	Female	13	Bruise of sole of Right foot. The accident was caused by the girl cracking the turntable while in motion Cured
9.7.90	Irugaram	Valluvar	Male	34	Lacerated side The accident was caused by the man a Carpenter losing his footing and falling from the top of a wall while repairing roof couplings Discharged cured from the St. J. Hospital on 25.8.90.
11.8.90	Chun. 9	Pariah	Male	30	The accident was caused by the man not attending to his work in hand and absenting himself from his fingers instead of chopping the bark he was engaged on Cured
14.8.90	Thubban	Pariah	Male	20	The accident was caused by a fellow labourer letting fall a damper slide which he had just drawn from a chimney shaft causing him to fall on the roof and the slide slipping down over the roof and striking off on to the injured man's head. Discharged cured from the St. J. Hospital on 25.8.90.
14.9.90	Alvettusamy	Palli	Male	35	Bruised or possibly broken toes The accident was caused while unloading a bag of sugar from a truck by one of the bags slipping down on to two of the toes of the injured man. Cured.
28.9.90	Mottayan	Pariah	Male	23	The accident was caused by the injured person's own carelessness while hanging up sugar bags on the face of the tank water caused by the man attempting to take a bucket out of a boiler filled with water pipe while the pump was working Cured
2.12.90	Omamsam	Pariah	Male	35	The accident was caused by the injured person's own carelessness while hanging up sugar bags on the face of the tank water caused by the man attempting to take a bucket out of a boiler filled with water pipe while the pump was working Discharged cured from the St. J. Hospital on 8.12.90

No 397

Tinnevely District Magistrate's office
Dated 15 April 1891.
9P

To
From F. A. Nicholson Esquire.
District Magistrate of,
Tinnevely.

To
The Chief Secretary to Government,
Judicial Department,
Fort Saint George.

Sir,
With reference to G.O. No 625
Judicial, dated 5 March 1883, I have the
honor to submit the report on the working
of the Indian Factories Act, XV of 1881, in
this District for the Calendar year 1890.
2 There were four factories, noted in the
margin, on the registers during the year
under report, the first three being in
the Joint Magistrate's and the fourth in
Head & Sub Magistrate's divisions:
3. Inspection of Factories. The sub-joined

- (1) Tuticorin Cotton Press Company (Limited)
- (2) Cotton Press of Darby Butler & Co.
- (3) The Coral Reefs Company (Limited)
- (4) Cotton Spinning Factory, Papanasam.

statement shows the dates of inspections with their results.

Name of Factory	No of times examined	Date of inspection	No of persons employed		Machinery	Whether fenced or not	Ventilation and Sanitation
			Adults	Children			
1. Tuticorin Cotton Press Company (Limited)	1	6.9.93	72	12	..	Fencing satisfactory	Satisfactory
2. Cotton Press of Darby Butler & Co.	1	6.9.93	67	13	..	Do	Do.
3. The Coral Hills Company (Limited)	3	25.1.94	422	143	63	32	Do Do
		29.8.94	383	139	112	55	
		12.11.94	356	184	99	11	
4. Cotton Spinning Factory Papanasam	7	11.1.94	369	109	..	..	Property Good
		23.3.94	476	..	41	..	Fencing
		25.3.94	..	..	..	..	..
		24.4.94	320	129	35	..	..
		7.8.94	349	128	32	..	..
		15.9.94	..	..	..	..	..
		16.9.94	328	124	42	..	..

It will be seen from the above statements that the first two factories were not inspected the times during the year as required by the rules. The joint Magistrate in whose division these factories lie explains that the default was due to the frequent changes in the incumbency of the Sub. Divisional officer, during the year under report they were

once inspected by Mr Henry on 6th September 1890 and when Mr Hewson went to inspect them on 31st December 1890 one had been closed and in the other there was no work. The Coral Hills Company (Limited) (Factory No 3) in the same division, where work is on an extensive scale was, however, inspected three times, once by Mr Holmes and twice by Mr Henry.

5. With reference to the latter part of para 1 of G.O dated 9th June 1890. No. 982. Judicial the joint Magistrate states that Factory No 2 belonging to Messrs Darby Butler and Co. does not come within the scope of the Act in as much as the maximum number of operatives during the year under report as well as in the two preceding years has been below 100 and recommends its removal from the register. I am issuing orders to him to strike off the register but to make occasional visits to the Factory

in view to its being, if necessary, restored to
State Control. Though the number employed in the
Factory No. 1 was less than 100 on the date
of its inspection the maximum number was
122. This factory may consequently be returned
on the Register.

1. To 6. With a view to maintain a careful watch
2 as advised in para 6(a) of G. O. dated 9th June
3 1890 No 982. Judicial, over the employment
of labour in the factory at Papamassam,
4 the Head Magistrate inspected it 7 times
during the year under report.

7. Conditions of Factories As regards the factories
in the Sub-Division the Joint Magistrate
reports that from the inspection notes left
by his predecessors ventilation, sanitary
arrangements and fencing of machinery
were satisfactory and that the necessary
rules under the act have been stuck up.
As regards the factory at Papamassam
I beg to subjoin an extract from the
report.

report of the Head Magistrate No 61 dated
21st March 1891.
110

"There is no defect in the machinery.
Proper attention is being paid to keeping the
factory in good sanitary condition. The
rooms in which the looms are worked are
well ventilated. The machinery is properly
fenced. The mill is situated in the middle
of an open ground on the southern bank
of the Tambaruni river and the surroundings
are kept perfectly clean."

I beg also to enclose a statement containing
the notes of inspection on the 7 occasions by
the Head Magistrate. These notes show
that the provisions of the Act and the rules
thereunder as regards the maintenance of
the several Registers and Forms have
been successfully enforced.

8. Employment of Children Children were not
employed in the first two factories at Tutuora
In the Coral Mills Company (Limited) at the
same place children were employed.

throughout the year. The certificates of ages were
forthcoming for all the children and the
necessary Registers are maintained. The
Children at this factory were mustered and
examined on the 12th November 1890 by
Mr. Henry, and the Asst. Surgeon.

There was no child under 7 years of age
at work and the four holidays prescribed
for children are allowed every month.

Children were also employed in the factory
at Papanasam and the hours of work
for them are said to be between 7 a.m.
and 5 P.M. with a recess of 1 hour between
noon and 1 P.M. From the notes of inspection

by the Head Asst. Magistrate. Contained in
the statement referred to in the foregoing
para, it appears that the Forms and
Registers as regard children required by
the Act and the rules are also main-
tained and that the children were

mustered on 16th September 1890 by the
Head Asst. Magistrate accompanied by the
Assistant Surgeon.
12 P

9. I observe from the records in my office
that some special arrangement was
made for child labour in this factory.
Children were employed to some extent in
1885, the year in which this factory was,
for the first time, brought under the provisions
of the Act, and the managers subsequently
in the same year ceased to employ them.
— Vide Mr. Rawson's letter No. 2 dated 7th January
1886. which forms an enclosure to this office
letter No. 276 dated 5th April 1886. read in
L.C. dated 31st May 1886 No. 1435. Judicial.
I find also from the reports of the succeeding
years that children were not employed
the year under report. In para 4 of Mr. Rawson's
letter quoted above it is said that the
working times for children were, with the
sanction of Government, arranged as

Statement showing the note of inspection of the factory at Papa sam in Ambasamudram Taluk
Head Post Ensign's Ensign 148/2

No of Factory Name or in Register description of Factory	Name of occupier or Manager	Date of inspection	No of persons at work on date of inspection				Remarks
			Men	Women	Children	Half Timers	
Tinnivelly Spinning Mills	Mr A.H. Harr.	11.1.90	369	109	"	"	Absentees 56.
		23.3.90	476		41		I inspected the mills and the Registers this morning sec 6. No c under the age of 7 years is employed. Sec 7. The 41 Children or Half timers as they are called are said to work from 7 A.M. to 5 P.M. in hour as an interval between noon and 1 P.M. No Notice with the information required by sec 7 maintained Sec 10. Attended to. Certificates in form C is maintained. Forms D and E are not maintained. Rule XXIII attended to. I give notice that as all the Registers of the Factory must be kept up. I give three days time within which the manager is required to maintain Forms as to which latter is to be kept up in a conspicuous portion of the mills.
		25.3.90					Remarks passed in Form D (Register book of boys) Note. A Column for Serial numbers (1 to 2 to 3 and so on) should be opened. The Column now opened (No 1) does not contain Serial numbers but only the Register number (No 6 after contain the precise age given by the guardian parent or medical authority. The entry "above 7 years" does not suffice". Remarks passed in Form (Weekly must be Register of Children) Column 4. Precise age should be given. Col 8 Date of wages payments not entered. In Col 9, the amount is presumed to be in R. S. P. It should be so stated. The entries in this Column should be initialed and the registers signed by the manager at the end of every week.
		24.4.90	320	129	35		Inspected the mills with Mr Broth, the Engineer. Points noted at last inspection attended to. Registers properly kept and the points pointed out at last occasion correctly written up. Examined the half timers. They come back and work till 5 P.M. 7 A.M. and work until noon when they are off for an hour for lunch. They come back and work till 5 P.M. and from 1 P.M. to 5 P.M. The interval is given for rest and food. Two half timers work after 5 to day. Krishna baido son of Venkataswami A. Venkasi age 10 found at work 5.30 P.M. Dilli son of Hassan Panman age 10 found at work. Registers written up to 2nd August. Don't look for to go from 2 to 3. Reached the mills at 5.5 P.M. The half timers are being forced across rivers on their way home. Went into the mills. No half timers found at work. I went to the mills at about 5 P.M. to see expressly if half timers were detained beyond the hours prescribed. 12 boys at work. They were numbered. One absent. The average of absentees in September is as follows. 1st 7, 2nd 3, 3rd 4, 4th 5, 5th 6, 6th 7, 7th 7, 8th 8, 9th 10, 10th 11, 11th 12, 12th 10, 13th 11, 14th 12, 15th 13, 16th 14, 17th 15, 18th 16, 19th 17, 20th 18, 21st 19, 22nd 20, 23rd 21, 24th 22, 25th 23, 26th 24, 27th 25, 28th 26, 29th 27, 30th 28, 31st 29. Number on the rolls 50. Registers kept up to week end. (True)
		15.9.90					Went 50. Inspected the mills with the Asst Surgeon. 12 boys at work. They were numbered. One absent. The average of absentees in September is as follows. 1st 7, 2nd 3, 3rd 4, 4th 5, 5th 6, 6th 7, 7th 7, 8th 8, 9th 10, 10th 11, 11th 12, 12th 10, 13th 11, 14th 12, 15th 13, 16th 14, 17th 15, 18th 16, 19th 17, 20th 18, 21st 19, 22nd 20, 23rd 21, 24th 22, 25th 23, 26th 24, 27th 25, 28th 26, 29th 27, 30th 28, 31st 29. Number on the rolls 50. Registers kept up to week end. (True)

Questions are in a
 letter from
 Master Linnally,
 7/15-4-91 No 327

Papers to be read in Proceedings:—

Again G.O., dated 18, No.
 Again G.O., dated 18, No.
 Current No. of 18, dated from

Current No. of 18, dated from

[Note: The form seems to have been prescribed by and that referred to in para. 7 of G.O. of 7 July 1885 and of 17 Oct. 1885. It is altogether insufficient to give the information needed. It is therefore asked out by the hands of all sorts which are very confusing. It is taken therefore that a general statement may be prescribed.]

Order

It is observed that there is a considerable want of uniformity in the nature of the returns submitted in connection with the inspection of factories & the fact accordingly resolves to direct that in future the form prescribed in appendix II of this Proceedings shall be invariably adopted to the exclusion of all other forms ~~submitted~~ by Inspectors of factories when submitting their annual reports. The form is so comprehensive that very little letter-press will be required in addition to explain themselves. The "Remarks" column should be devoted to particulars of accidents, prosecutions, employment of children below the age of seven years, hours of work & such like. Any additional information which may be necessary will of course be given in the body of the Inspector's Reports.

2.

The ~~following~~ reports, some of which were not received within the prescribed date notwithstanding the reiterated orders of Com on the subject, show that three of factories falling under the operations of the Factories Act (24 of 1847) during 1890 remained unchanged, the ~~number~~ ^{figure} being 30 as in the preceding year. This result is ~~astonishing~~ ^{to} ~~be~~ ^{the} appearance for the first time in the list appended to these Proceedings, of the Combustion Spinning & Weaving ^{factory} & Co's, and to the omission therefrom of the ~~factory~~ ^{factory} Cotton Press belonging to Messrs Darby, Barker & Co. ^{in accordance with the recommendation of the}

3. The net inspection in 1890 was on the whole ^{less so than} satisfactory though ~~not so~~ ^{as in the preceding year}, 3 ^{factories} having been ~~inspected~~ ^{inspected} in 1890 as against 1 in 89. Of these in the Combustion factory ~~last year~~

X. Combustion Cotton Press & Co's
Zetonia
Combustion Spinning & Weaving Co's

only from the 1st Apr. last, but in the remaining two cases the factories are returned at the Head Office of the Board of Trade & the Joint Inspectors & could easily have been ^{examined} ~~inspected~~ at least 3 times in the year as required by the law. The explanations offered for their insufficient inspection of these two factories are not ~~convincing~~ ^{satisfactory}.

4. The following errors & omissions are noticed in the preparation of these reports:

(1) The no. of adult males given in the report of employees appended to the Leamington report is 154, but this figure does not tally with the details given at the factory.

In the story of the report on the factory at Little Ruppington it is seen that no children under 12 years of age were employed, & it is observed that some employees are shown as

born in the month of August has again been pointed out more than one occasion

~~It is apparent that the Inspector has taken no notice of the fact that the report of the Inspector at the factory at Little Ruppington contains figures which appear to be incorrect.~~

(2) Again, the repeated orders of the Joint Inspectors that the term "juvenile" should not be used in these reports has been infringed by the use of the Inspectors of Factories at Aske & Adder. In the former instance the Report appears to denote by the word ~~adult~~ individuals ^{not below the} age of 12 years whereas in the latter case children below that age seem to be referred to; this is an ~~good~~ ^{bad} example of the confusion resulting from a lax terminology.

~~But in the report of the Inspector at Aske & Adder it is stated that the factory is in the Millery Division. The factory is in the Millery Division. The factory is in the Millery Division. The factory is in the Millery Division.~~

3 ~~not below the age of 12 years~~
 That all employees ~~not below the age of 12 years~~ should be classed as adults & not be referred to as children. ~~inspected~~
~~inspected of the factory will be correct~~

~~Inspection of the factory will be correct~~

~~Inspection of the factory will be correct~~
 Again, another repeated order of the Joint Inspectors that the term "juvenile" should not be employed to denote children between 12 years of age is found to have been disregarded by the Inspectors of Factories at Aske & Adder.

The use of the term "young persons" to denote operatives above 12 years of age is also objectionable.

(3) In the reports submitted to the Inspector of Factories it is not clear whether the Reports & the files of certificates in the factory have been maintained.

The factories named in the report as required by Rules XI of the Rules framed under the Act should be reflected in the reports. In the reports on factories at Aske & Adder, Little Ruppington, & Waplington, which do not reflect a notice of working

of the R.R. The reports under review are
generally satisfactory & show that
one attention is paid to the furnace
in the machinery & to the ^{vibration}
~~condition~~ examination of the premises. The
The ^{Condition} ~~unsafe~~ state of the passenger
room in the current factory at
two ^{should} ~~be~~ brought
to the notice of the President
with a view to remedying, if possible,
the defect complained of.
The ~~President~~

7/1/18
Forwarding to
the Bureau of the report on
the 5th September of 1891
the 1st of Oct had reason to

Comment upon certain irregularities
which were found to exist in the

the management of the malabsorbing & leaving also. There of which are of a more character, I must find to continue

The factory was first made
as under review. Similar

Carities were also noticed
Cotton (Spinning)
Papeum (Spinning) *the same*

~~Thomas Lynch~~ has been
observed. -

2 copies
 been forwarded at once
 to the
 my account of the first time I wrote

And in the case of both these factories some of the accidents reported seem to suggest that the machinery is not sufficiently guarded.

09.7
 The no. reported in the year under
 review appears to be the highest
 on record since the passing of
 the Factories Act, 1891. There was
 however, only one fatal accident in
 90 as in the previous year & this
^{occurred} ~~happened~~ at the Carnatic Mills,
 Madras. ~~In this case a large~~
 pipe of a machine was broken
 at feed valve to boiler & an
 explosion ensued which filled the
 whole room with steam. Two
 workmen who were in the room
 at that time got badly scalded
 & one of them died a
 few days after from the effects
 of the scalds. ^{where fifteen} ~~of these accidents~~ ^{accidents}
~~have been reported to~~
^{are} ~~have been also reported to~~
^{have occurred in the same}
~~factories in the previous year~~
 The no. of cases in the Malabar
 Company's Factory,
 Spinning & Weaving ~~was~~ ^{was}
 very large, nearly ~~ten times~~ ^{ten times}
 as ~~was~~ reported in 89. The ⁱⁿ ~~in~~
 in these two factories is regrettable
 & the measures adopted in the
 for the protection of opera
 should for some time be

7. The full hope, that Inspectors
 will show more care in preparing
 their reports in future; the
 reports are simple in ~~their~~
~~contents~~ character & the points to
 be specially noted ^{to} keep ⁱⁿ it
 is ~~un~~unsatisfactory to show
 the same errors & omissions
 occurring in their year after
 year.

31 May 1941

The image is a severely degraded scan of a document. It features a vertical column of text on the left side, which is mostly illegible due to the high contrast and noise. Some faint, dark markings are visible across the page, but no clear text or figures can be discerned.

Year	Number of Employed in Factories
1856	11,855
1857	12,310
1858	12,998
1859	13,576
1860	17,823

Showing the number of hands employed in Factories during the last 5 years.

Considerable scope for improvement seems to exist in the case of the Combining Spinning & Weaving Company's Factory, ~~also~~ & it is observed that out of 249 children employed on the 15th December 1890 only 23 were produced before the Inspector at sunset on that date & seven of these ~~inspected~~ examined by the Inspector seemed to him to be below the age of seven years. A careful inquiry should be made into the employment of children in this factory with a view to detecting any breach of the law.

~~There is some irregularity in the~~
employment of children in that
factory was brought to the notice
of the Com. on the occasion of
last inspection by the Special
Ministers.

~~factories remain where. In the case~~
of the last one however ^{great} improve-
ment was found to ^{have} taken place.
The Surps will ~~close~~ visit this
factory & see that the provisions
~~of the Act are fully observed.~~

^{was}
t. J. There ~~has been~~ a marked decline
in the no. of women employed in
^(to figure being)
1890. viz. 109 & against 135 & in '89. The
no. of children employed however
^{but, as,}
~~parents are insured.~~
^{however,}
~~has increased.~~ that remarked for

para 3 supra, two employees
in the Bellmuffus factory have
been employed ^(improperly) as children
in the Empire state Lumber Co.

~~There were~~ there were 732 children
employed in 1890. in 1891 395
in 1892 317 in 1893. The largest no.
of children were ^{then} employed in the
Company's factory
Spinning & Weaving pl. and in

The part of the manuscript given by the Supr. on the occasion of inspections. Thus, not only are the requisite notices required etc. not kept up in accordance with the rules, but a gross neglect of children being employed at prescribed times, is also

In answer to your letter of the 11th inst. I have to inform you that the same has been forwarded to the proper authorities for their consideration. It is also to be noted that the same has been forwarded to the proper authorities for their consideration. It is also to be noted that the same has been forwarded to the proper authorities for their consideration.

the factories at Madras, however, no labor appears to be held by inspecting officers. On the occasion of this inspection, officers concerned with this duty to repeated orders. Light on the subject have been extended to.

~~the~~ ~~document~~ ~~to~~ ~~be~~ ~~sent~~ ~~to~~ ~~the~~ ~~proper~~ ~~authorities~~
 and no 117 in 1880
~~the~~ ~~document~~ ~~to~~ ~~be~~ ~~sent~~ ~~to~~ ~~the~~ ~~proper~~ ~~authorities~~
 and no 117 in 1880

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to which have been taken into consideration
~~this is a point of much importance~~
whether he should be paid and if
any will make report after a
personal inspection how matters
were at that factory as
~~regarding the experimental machine~~
~~the employment of white labor~~
in the paper mill on factory.
relatives to be still strongly maintained.
It is assumed that there were about
absentees respectively at the first
& the last inspection of the mill
by the W. D. Magin trade. The
no & absentees at other inspections
is not stated. The report called
for by the D. Magin regarding the
records of work in that factory
is now decided.

[illegible]

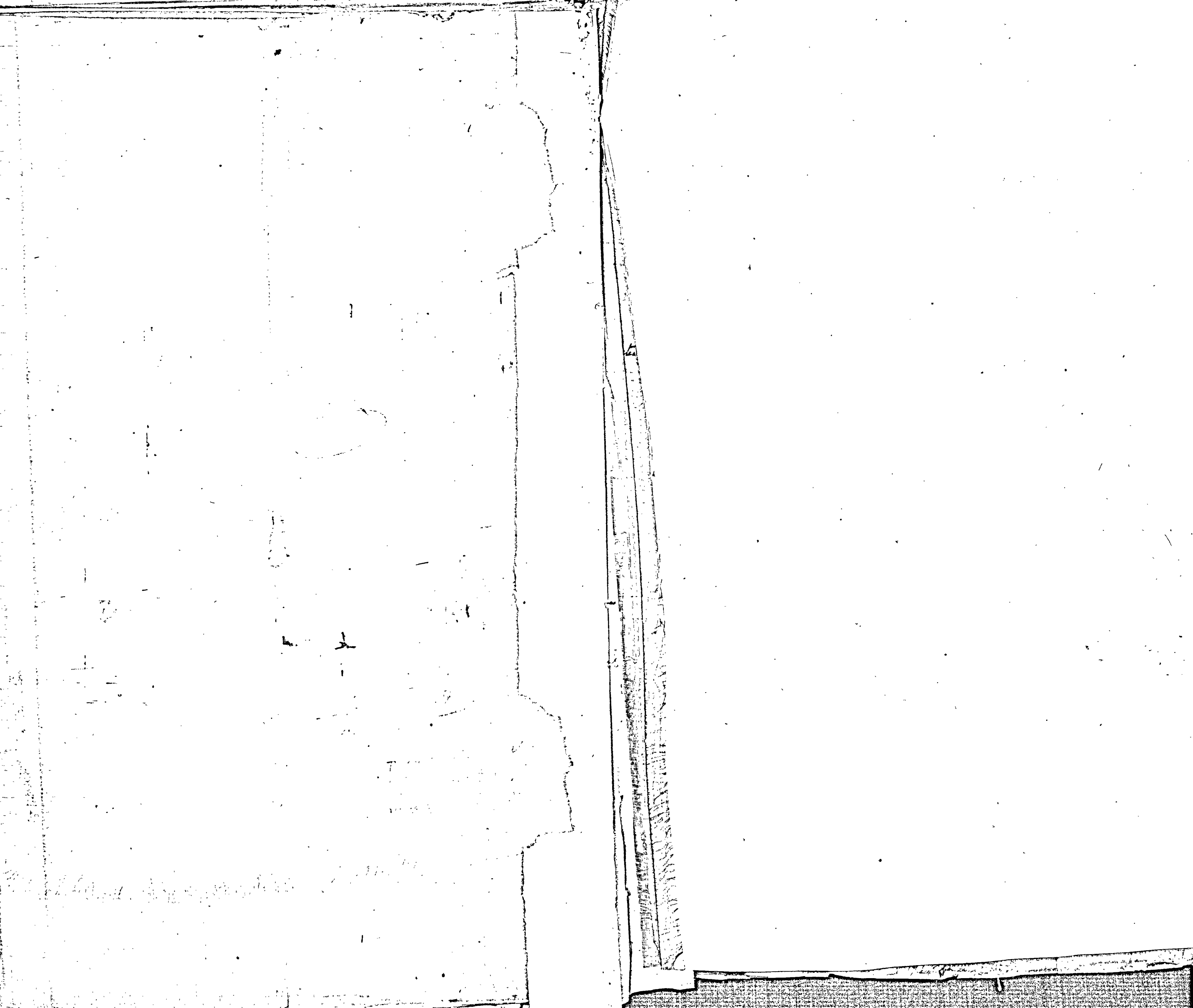
Appendix II.

Forms of Returns to be annually
submitted to Govt before the 31st
present by Inspectors of Factories
to be made Govt before the 31st March

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.	33.	34.	35.	36.	37.	38.	39.	40.	41.	42.	43.	44.	45.	46.	47.	48.	49.	50.	51.	52.	53.	54.	55.	56.	57.	58.	59.	60.	61.	62.	63.	64.	65.	66.	67.	68.	69.	70.	71.	72.	73.	74.	75.	76.	77.	78.	79.	80.	81.	82.	83.	84.	85.	86.	87.	88.	89.	90.	91.	92.	93.	94.	95.	96.	97.	98.	99.	100.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.	33.	34.	35.	36.	37.	38.	39.	40.	41.	42.	43.	44.	45.	46.	47.	48.	49.	50.	51.	52.	53.	54.	55.	56.	57.	58.	59.	60.	61.	62.	63.	64.	65.	66.	67.	68.	69.	70.	71.	72.	73.	74.	75.	76.	77.	78.	79.	80.	81.	82.	83.	84.	85.	86.	87.	88.	89.	90.	91.	92.	93.	94.	95.	96.	97.	98.	99.	100.

* The length of confinement
of Peter (1) from London. Re-
" XII (1) a copy of the whole. Thomas
" under the date (1) the same again
" of receipt the date was put up in a
" a description of the same.

15



No	Situation		Name of Factory	Number of hands employed			Number of accidents
	District	Town or village		Men	Women	children	
1	Bellary	Adoni	Messrs Dymes and Co's Cotton Press	36	74	"	1
2	Do	Bellary	The Bellary Spinning and Weaving Company	369	71	30	7
3	Do	do	The Arsenal	216	"	"	"
4	Do	do	Messrs Dymes and Co's Cotton Press	8	45	"	"
5	Coimbatore	Coimbatore	The Spinning and Weaving Company	138	62	272	3
6	Ganjam	Asha	Minchin Brothers' Sugar Factory	292	"	"	5
7	Godavari	Dowlaisheram	Government Workshop	145	3	40	1
8	Kistna	Bezavada	Do Do	310	0	5	"
9	Madras	Perambore	Railway Workshop	2938	"	"	8
10	Do	Madras	Gun Carriage Factory	921	2	"	2
11	Do	do	South India Spinning & Weaving Mill	731	20	"	6
12	Do	do	Harbour Works	724	31	"	15
13	Do	do	Napiar Works	208	"	"	2
14	Do	do	Public Works Shop	238	2	"	5
15	Do	do	Madras United Spinning and Weaving Mill	672	48	26	6
16	Do	do	Buckingham Mill	790	47	74	4
17	Do	do	Carnatic Mill	1479	79	24	16
18	Do	do	Cement Works	84	96	"	"
19	Do	do	Beehive Foundry	171	"	14	1
20	Do	do	Messrs. Simpson and Co.	351	"	37	2
21	Malabar	Panniankara	Malabar Spinning and Weaving Co.	254	23	58	16
22	Kilgiris	Cotacamund	Murree Brewery Comp.	77	12	"	"
23	South Arcot	Tiruvannamallur	Messrs Parry & Co's Sugar Fact.	31	8	"	"
24	do	Trichy Kuppan	do Sugar Mill Refinery	491	56	40	7
25	Tanjore	Kayapattam	South Indian Railway Locomotive Works	2213	"	"	4
26	Tinnevely	Tuticorin	Tuticorin Cotton Press Company	72	12	"	"
27	do	do	The Coral Mills Company (Limited)	356	184	110	2
28	do	Papanasam	Cotton Spinning Factory	328	124	42	1
29	Trichinopoly	Trichinopoly	South Indian Railway E. Works	607	"	"	1
30	Kazagapattam	Chittiralsa	Messrs. Leitch and Co's	679	93	"	2
				15979	1092	7729	1171
				1092			
				772			
				17843			

Appendix I

7

	Number of hands employed			Number of accidents	Machinery whether fenced or not	Ventilation and Sanitation
	Men	Women	children			
Press -	36	74	"	1	Not fenced but secure enough	Good
Company	369	71	30	7	Fenced	Good
	216	"	"	"	Fenced do	Good
Press -	8	45	"	"	Fenced do	Good
Company	138	62	272	3	Properly fenced	Good
Factory	292	"	"	5	Securely fenced	Clean and well ventilated
	145	3	40	1	Fenced	Good
	310	0	5	"	Fenced	Good
	2938	"	"	8	Sufficiently fenced	Good
	921	2	"	2	yes	Good
Mill	781	20	"	6	do	do
	724	31	"	15	do	do
	208	"	"	2	do	do
	238	2	"	5	do	do
Mill	672	48	26	6	do	do
	790	47	74	4	do	do
	1479	79	24	16	do	do
	84	96	"	"	do	do
	171	"	14	1	do	do
	351	"	37	2	do	do
	254	23	58	16	Properly fenced	Good
	77	12	"	"	All securely fenced	Clean and well ventilated
	31	8	"	"	Properly fenced	Sufficient ventilation, from being cleaned and painted
	491	56	40	7	Fenced	Fairly good
	2213	"	"	4	Sufficiently fenced	Good
	72	12	"	"	Fencing satisfactory	Satisfactory
	256	184	110	2	do	do
	328	124	42	1	Properly fenced	Good
	607	"	"	1	Sufficiently fenced	do
	679	93	"	2	Properly fenced	do
	15979	1092	772	117		
	1092					
	772					
	17843					

City Police Office, 8 P

No 21

Madras, 28th March 1891

From Colonel J. Weldon C. I. E.
THE COMMISSIONER OF POLICE,
MADRAS.

To The Chief Secretary to Government,
with the Governor,
Stonehouse Hill

Sir,
I have the honour to submit
the Annual Report for the year 1890
of the Deputy Commissioner of Police
as Inspector of Factories in the City
of Madras.

I have the honour to be,
Sir,

Yours most obedient Servant

Weldon Weldon

Commissioner of Police

Weldon

Pre
upa

See
mpts
ny.

From

The Commissioner of Police
Madam
To

The Chief Secretary to Govt
with the Governor
Stonehouse Hill

Date 28th }
Received. } March 1891

No. 21.

Enclosure.

Factories Act

Submits report by
Commissioner of Police on the
working of the — for the year
1890 in the City of London.

$$c\sqrt{a} \cdot 51 +$$

Div

I have the honor to submit my report on the working of the Gunning Factory at Chittivals belonging to Messrs. Arbuthnot & Co. for the calendar year ending 31st December 1890.

2. During the year under report the factory was thrice inspected by me on the following dates:-

I On the 9th May 1890 between 6 $\frac{1}{2}$ and 7 A.M.

II On the 19th July 1890 between 7 and 8 A.M.

III On the 29th November 1890 between 7 and 8 A.M.

III On the 29th November 1896
On these three occasions Mr. Innes, the Manager of the
Factory was present with me at the time of inspection.

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

4. The factory was closed on 9 English and 9 -
holidays besides Sundays during the year. The work hours

hours during the year were the same as those in the last year viz from 5-30 A.M. to 6-30 P.M. with a recess of one and half an hour between 12 A.M. and 1-30 P.M. in the months of November to March, and two hours from 12 A.M. from April to October. On Saturdays the engines stop at 4-30 P.M. allowing an interval of half an hour at noon.

5. The average number of persons employed during the year was 700. The numbers at work on the dates of inspection is as under:-

Month and date	Males		Females	
	Under 16	16 to 18	Under 16	16 to 18
9 th May 1890.	356	217	74	3
19 th July 1890.	305	206	67	3
7 th November 1890.	379	208	82	4

Children below 12 years were employed in the Factory.

6. The factory is generally whitewashed and cleaned in every year. The whitewashing for the year 1889 was commenced on the 13th November and completed on the 1st December following; and for the year under report it was commenced on the 15th October and finished on the 25th November.

November.

13P

7. The lathe was being cleaned with the hot water that was let out from the engine.

8. There is proper ventilation for the rooms of the building. Though there is much dust in the preparing room, yet the workmen do their work with a cloth over their mouths as they are well accustomed to it.

9. The temperature in the working rooms on the dates of inspection was as follows:-

On the 9th May 1890 — 90°
 On the 19th July 1890 — 83°
 On the 26th November 1890 — 73°

10. The machinery has been protected either by iron rails or by iron and wooden shields in view to prevent all chances of accident, and it has also been fenced, wherever necessary or possible. The calendar rollers have been protected with small guide rollers for the purpose of conducting the cloth to the running side of the upper calendaring roller. These are worked safely and with ease.

11. Two accidents were reported during the year 1890.

(1) On the 26th February 1890, Kanoo Gwiah a boy of 13½ years of age received a cut under his left arm.

was not serious) by falling against a winding machine.

(2) On the 11th October 1890, Parthimada Swamy, a man aged 27 years received a cut on the skin on the back of his right hand, while cutting a small piece of wood at the circular saw. The injury was not serious. Both these men were treated in the Dispensary at Bimlipatam and they returned to duty on the 11th March and 28th October 1890 respectively.

12. Certificates of age were granted to all young persons employed in the Factory in form B. appended to the rules by the Civil Surgeon at Bimlipatam, who was appointed certifying Surgeon under Section II of the Factories Act 1891, and a file of these certificates is maintained as required by rule XII.

13. Registers A and C are not maintained, as no children below twelve years are employed in the Factory.

14. A notice of daily working hours and a list of holidays have been put up in an open place in the Factory and printed copies of the rules with Telugu translations have been posted on the outer walls of the office room.

15. The young persons entertained in the Factory since the date of the last inspection were mustered by me at each inspection.

inspection and found to be in a healthy condition. 48 105

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

17. A statement showing the number of persons employed on the last working day of the year is appended as required by paragraph 7 of G.O. dated 7th July 1885 - No. 1760 J. D.

I have read,
Signed/ V. Jagannadharow,
By Magistrate.

68
[True Copy]

Submitted to Government. Encl^{re} 506

2. This is the only factory in the District falling within the scope of the act.

3. There were two accidents but they were not of a serious nature.

4. In reference to para 4 of the report, the Manager of the factory reports that the working hours were not uniform, as therein stated, throughout the year. A copy of his report is attached.

Vasagapatam District
Magistrate's Office
15th April 1891

Deputy District Magistrate

Shri. S. S. Phittwalasa Factory 6th April 1891.
1891 582
To. The General Duty Deputy Magistrate
Visianagram Division.
Visagapatam

Sir,

I have the honor to acknowledge receipt of your letter No. 109 dated 3rd instant, asking me how it is possible to work the factory between 5.30 and 6.30 P.M. without artificial light in the cold season.

I have never stated that the factory is so worked in the cold season. You must be referring to a general time and not to any special month or date.

On the 3rd January 1890 the hours were from 6.15 A.M. to 6 P.M. On the 3rd June from 5.10 to 6.4 and on the third December from 6. to 5.50.

I have to
Signed / C. Innes,
Manager.

/ True copy /

S. S. Phittwalasa
Deputy for District Magistrate.

Judicial Department.

TINNEVELLY 1891
J. H. Maughan OFFICE

From The District Magistrate

Tinnevelly

To The Chief Secretary to
Government,
Fort St. George

Date 15 } April 1891
Received No. 397

ENCLOSURE

Subject

Submitting report
on the working of the
Indian Factories Act
for the year 1890

Statement showing the number of persons employed on the last working day of the year 1890 in the Gunny Factory at Chittoor and the state of the Factory in regard to sanitation and ventilation

Number of persons employed on the last working day of the year.

Adults

Young persons

Name of District Name of Factory

Vizagapatam Gunny factory at Chittoor

Machinery - Ventilation and Sanitation
whether fitted or not.

Stencils

Chalks

Women

Men

16 Properly fitted - Goods

275

77

404

Vizianagaram 26th February 1891

Signed / U. Jagannathanam.
District Magistrate

Enclosure

M for District Magistrate

18

DEPARTMENT

Enclosure in no Enforcement

From

THE COLLECTOR, *Dist. Office*
VIZAGAPATAM.

To

THE CHIEF SECRETARY
TO GOVERNMENT.

Judicial Department

Dated

20th

Received

20th April 1901.

No.

586

Enclosure.

Subject.

Copy of letter from Mr. Suresh

Manager Chittivada regarding

the closing & opening hours

NOTE FOR THE UNDER SECRETARY.

*The note received
from the District
Collector, Vizagapatam
regarding the closing
hours of the District
Court, Vizagapatam
has been received.
The note is being
forwarded to the
Under Secretary.*

*11/11/01
S/6*

NOTE FOR THE CHIEF SECRETARY.

The proof is subm^d 2 as ordered.
I have struck out col. 13 of
the statement. The remarks
are likely to be numerous &
had better go into the body
of the report. The Press will
be told to widen the remaining
12 columns so as to give
ample room; they are now
too crowded at present.

h

17 June.

An addition has been made
to para 6 of the order in
consequence of the receipt of
C. 2677.

h

NOTE FOR THE CHIEF SECRETARY.

The proof is subm^d 2 as ordered.
I have struck out col. 13 of
the statement. The remarks
are likely to be numerous &
had better go into the body
of the report. The Press will
be told to widen the remaining
12 columns so as to give
ample room; they are now
too crowded at present.

h

17 June.

An addition has been made
to para 6 of the order in
consequence of the receipt of
C. 2677.

h

Report on Factories: Sweden

My dear Sir

Para. 2. Women be the better
for a little verbal correction
but I do not like to delay
the report for a copying
etc after the Easter holidays

Yours most

Alfredson

28. 3. 91

Anthony F. Price

133

DEPARTMENT

From

THE COLLECTOR, *Diedhafe*
VIZAGAPATAM.

To

THE CHIEF SECRETARY
TO GOVERNMENT.

Judicial Department

Dated, *20*
Received

April 1891

RECEIVED
24 APR 11
VIZAGAPATAM

End S No *506*

Enclosure, *one*
Subject

*Forwarding with remarks
the Vizagapatam Deputy
Magistrate's report on the
working of the Chittivada
Factory for the calendar
year 1890*

Sluicing

*Calicut Division Dy Magistrate's Court
Calicut 22nd April 1891*

*J. W. F. Dumerque Esquire
District Magistrate of Malabar
Calicut,*

Sir,
I have the honor to submit my report on the
working of the Factories Act in the Calicut Division
during the year 1890.

2. The only factory which falls within the
scope of the Act is "The Malabar Spinning and
Weaving Company Ltd." in Panniyangara -
Amsam Calicut Taluk.

3. I was appointed ex-officio Inspector
of Factories in my Division by the notification of
Government published in the Fort Saint George
Gazette dated March 4-1890. I inspected the
factory thrice in the course of the year, the
results of which are recorded below

Name of Factory	Date of Inspection	No. of persons employed		whether fenced or not	Ventilation and Sanitation
		Adults	Children		
<i>The Malabar Spinning and Weaving Company Limited Calicut</i>	<i>16 Aug 1890</i>	<i>273</i>	<i>3336</i>	<i>"</i>	<i>Well fenced Building well ventilated and premises clean</i>
	<i>18 Decr 1890</i>	<i>263</i>	<i>3357</i>	<i>6 - Do -</i>	<i>- Do -</i>
	<i>30th Decr 90</i>	<i>257</i>	<i>2452</i>	<i>6 - Do -</i>	<i>- Do -</i>

4. At my first inspection various irregularities and defects were noticed; but I am glad to say that they were all removed in a very short time. The following is an abstract of the remarks recorded in the Inspection Register maintained under rule IX of the Factory Rules.

(1). Factory Rules. A copy of the Rules has been hung up in a conspicuous place in the Factory, as required by Rule XXIII.

(2) Certifying Surgeon's Certificate. The prescribed certificates had not been obtained for all the children working in the factory. The omission has since been supplied.

(3) Register of Children. This Register (Form D) had not been correctly filled in. e.g. Columns 8 and 10 which indicate respectively the "date of first admission" and the "date of termination of employment or discharge" had been left blank. The omission has since been supplied.

Weekly Muster Register for Children - maintained in Form E. At my first inspection, I learnt from the children working at the factory that they were from 6 A.M. to 6 P.M. with only half an interval at mid-day for their meals. This contrary to the distinct provision contained in

133P
in Section 79 of the Factory Act, and was pointed out to the Manager - who was warned both by me and by the District Magistrate that prosecution would be resorted to if any similar infringement was not done. The hours of business fixed in writing by the Company are:-

For Adults. from 6 A.M. to 6.30 P.M. with half an hour's interval from 12 to 12.30 P.M.

For boys and girls. from 7 A.M. to 5 P.M. with an hour's interval from 12 to 1 P.M.

(5) Unregistered Children. In addition to the children whose names were entered in Register E, I found several employed on piece-work for which they were paid according to the work turned out by them. These latter were, it appears, omitted owing to a misapprehension of the Rules and were ordered to be registered at once.

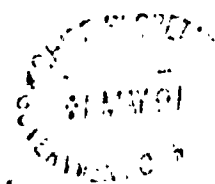
(6) Muster at inspection. I held a muster of children at all my inspections.

(7) Forms and Books. Properly maintained.

(8) Fencing. In the room adjoining the engine room a railing was considered necessary.

Zellerbach
 For [illegible]
 a [illegible]

Judicial Department.
90 7, 55, 1750.



From

The District Magistrate
of Malabar
Calicut

To
The Chief Secretary to
Government,
Pettah, Calicut

Dated 28th April 1891
Despatched 29th Do

Encls 1.

Submitting with remarks copy
of the Annual Dist. Dy. Collector's
report on the inspection of
factories in his Division for
year 1890.

Gl. No 609
Received

From H. S. Esquire,
as Dist. Magistrate,
Tumkur.

To
The Chief Secretary to Government,
Judicial Department,
Fort St. George.

Sir

Para 9 of this
office letter No 39 dated 15th Feb 1891,
have the honor to acknowledge receipt of
the Headmaster's letter No 10 dated
24th May 1891 &
No 608 dated 2nd June 1891.

For Dy. Magistrate

1891

Judicial Deptth

will

The D. Magistrate's action
is approved.

CHIEF SECRETARY
12 JUN 91
J. H. H. H.

From the Distth Magistrate
Tumwalley.

To the D. Magistrate, Tumwalley.

The Chief Secretary to
Government
Fort St George

Dated 9th 3 June 1891
Received 12th 3
Dec 609
Enclosures 2

Furnishing the information
promised in para
7 of this office letter
Dec 397. Regarding the
15-4-91
working hours of children
in the Papuan asan work.

No 109.

384
Dated 24th May 1891.

From J. Varada Rao Esquire,
ag. Head Dist Magistrate,
Tumwalley.

To
The Dist Magistrate,
Tumwalley.

Sir
With reference to your letter
dated 21st April 1891, I have the honor to
state in para 4 of my Rawson's letter referred
to in your letter that "since
my inspectors
managers
ceased to
were none employed on the day of my last
visit" Thus the arrangement approved by
Government through which children
were ceased to be employed.

2 On 23rd March 1890 the managers began
to employ half-timers or children under 12
years of age. They have been given
rest in the middle of the day and the
working hours have been fixed from

Statement showing the no. of accidents

occurred in the Malabar Spinning and Weaving Co. during 1890.

No.	Date of occurrence	Name	Caste	Sex	Age	Nature of injury and how caused	Remarks
1	January 14	K. A. L. Karaplan	Tujan	Male	17	Crushed finger, caused by picking waste wilfully from the wheels of the drawing frame whilst in motion.	Sent to Hospital for treatment.
2	" 19	Tadaw vithal Aly	Mohamedan	- do -	38	Cut on the leg caused by the collapse (whilst moving) of temporary post on which balance scales were suspended.	- do -
3	" "	Kangath Koyalthu	- do -	- do -	41	Cut under the chin - do - do -	- do -
4	February 16	Madathil Raman	Vair	- do -	30	Crushed finger caused by wilfully picking waste from wheels of the mule whilst in motion.	- do -
	March 15	Kallachippanambath Chayichan	Tujan	- do -	- do -	Severed the nail of the middle finger caused by wilfully putting his finger in the wheels of an hand rope machine.	- do -
	" 22	Kacathumaraath Appu	Vair	- do -	- do -	Fingers crushed in the wheels of a spinning machine caused by himself starting the machine and at the same time placing his hand on the machine.	- do -

5
2.
4
22

76	December 31	Thaichanbala	Thiyau	Male	Year 19	4. Foster of a finger cut off. Closed as like cleaning a machine with no motion	Sent up to the Hospital for treatment
----	-------------	--------------	--------	------	---------	---	---------------------------------------

Calcutta by magistrates Court
Calcut 22nd April 1891
A.1

V. Chandra Kumar
Deputy Magistrate and
Inspector of Factories,
Calcut Division

20608
Proceedings of the District Magistrate of Tanjore
dated 8th June 1891. 48

Read this office letter No 422 dated 21st April 1891 requesting the Head Asst Magistrate to report why the arrangements approved by Government in 1885 regarding the working hours of children in the Factory at Papanasam was departed from in 1890 and how long the practice of working children for 9 hours a day has been going on.

Read also letter from the Head Asst Magistrate No 109 dated 24th May 1891 reporting that the permission of Government was not obtained for the new arrangement and that the managers began to employ children from 23rd March 1890.

Order
No explanation has been given for the neglect on the part of the Head Asst Magistrate to notice sooner the breach of the rules. The managers should now apply for the requisite permission and explain ^{their} neglect. As so, the present hours of child labour being unauthorized. Until sanction is obtained they must cease to employ children except in accordance with G.O dated 28th Dec 1885 No 2896. This communicated with this office and endorsement No 876 dated 4th November 1890.

(Signed) G. S. Forster

ag. Dist Magistrate

[True Copy]

G. S. Forster, Secy.

For ag. Dist Magistrate

Date of Receipt
and Registrar's
Initial.

Again G.O., dated

188 , No.

Again G.O., dated

188 , No.

Again G.O., dated

188 , No.

Current No.

of 188

from ~~Accountant-General~~

Do.

do.

,, ~~Advocate-General~~

Do.

do.

,, Anantapur. ✓

Do.

do.

,, Arcot, North. ✓

Do.

do.

,, Arcot, South.

Do.

do.

,, Bellary. ✓

Do.

do.

,, Canara, South.

Do.

do.

,, Chingleput.

Do.

do.

,, Coimbatore.

Do.

do.

,, Cuddapah.

Do.

do.

,, Director of Public Instru-

Do.

do.

,, Ganjam. ✓

Do.

do.

,, Godavari. ✓

Do.

do.

,, Judges of the High Court.

Do.

do.

,, Inspector-General of Jails.

Do.

do.

,, Inspector-General of Police.

Do.

do.

,, Insp.-Genl. of Registration.

Do.

do.

,, Kistna. ✓

Do.

do.

,, Kurnool. ✓

Do.

do.

,, Madras.

Do.

do.

,, Madura.

Do.

do.

,, Malabar, North.

Do.

do.

,, Malabar, South.

Do.

do.

,, Master Attendant.

Do.

do.

,, Military Department.

Do.

do.

,, Nellore.

Do.

do.

,, Nilgiris. ✓

Do.

do.

,, Public Works Department.

Date of Receipt
and Registrar's
Initial.

Current No.

of less from Revenue Board.

Do.

do.

Revenue Department.

Do.

1137 do.

Salem.

Do.

do.

Sea Customs, Madras.

Do.

do.

Settlement Department.

Do.

do.

Tanjore, North.

Do.

1152 do.

Tanjore, South.

Do.

1153 do.

Tinnevely.

Do.

1152 do.

Trichinopoly.

Do.

1151 do.

Vizagapatam.

Factories Return for 1900

No. 1151

1151

1151

1151

1151

1151

1151

1151

1151

1151

1151

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X

Small

5

25/6

1151

Hyd No 1246

25th June 1891

The Collectors of

The District Magistrates of

- Anantapur. 8
- North Arcot, Chittoor. 8
- South Arcot, Cuddalore. 8
- Bellary. 8
- South Canara, Mangalore. 8
- Chingleput, Saidapet. 8
- Coimbatore. 8
- Cuddapah. 8
- Ganjam, Chatrapur. 8
- Godavari, Cocanada. 8
- Kistna, Masulipatam. 8
- Kurnool. 8
- Madras (when necessary).
- Madura. 8
- Malabar, Calicut. 10
- Nilgiris, Ootacamund. 8
- Nellore. 8
- Salem. 8
- Tanjore. 8
- Tinnevely. 8
- Trichinopoly. 8
- Vizagapatam. 8

1151

Date of Receipt
and Registrar's
Initial.

Current No.

of 188

from Revenue Board.

Do.

do.

Personnel Department.

Do.

do.

Salem.

Do.

do.

Sea Customs, Madras.

Do.

do.

Settlement Department.

Factory Returns

* [Note is from 2 years I have
been prescribed beyond that
expired 6th para. 7 of G.O.
8/7 July 1885 & 1760. but
this is altogether insufficient
to give the information needed.
It is therefore asked not by
statements of all sorts which
are very confusing. It is
asked therefore that a general
statement may be prescribed.
The statement will contain
12 columns, there being no
room for a 13th column
"Remarks" in a foolscap
sheet.]

17/6

ORDER—dated 25th June 1891, No. 1242, Judicial.

It is observed that there is a considerable want of uniformity in the nature of the returns submitted in connection with the inspection of factories, and the Government accordingly resolves to direct that in future the form prescribed in Appendix II to this Proceedings shall be invariably adopted by Inspectors of Factories when submitting their annual reports, to the exclusion of all other forms. The form is so comprehensive that very little letter-press will be required in addition; the headings of the columns explain themselves; in the "Remarks" column should be entered particulars of accidents, prosecutions, employment of children below the age of seven years, hours of work and such like. Any additional information which may be necessary will, of course, be given in the body of the Inspectors' reports. 2. The reports, some of which were not received within the prescribed date, notwithstanding the reiterated orders of Government on the subject, show that the number of factories falling under the operation of the Factories Act (XV of 1881) during 1890 remained unchanged, the figure being 30 as in the preceding year. This result is due to the appearance for the first time in the list appended to this Proceedings of the Coimbatore Spinning and Weaving Company's Factory, and to the omission therefrom, in accordance with the recommendation of the Inspector, of the Tuticorin Cotton Press belonging to Messrs. Darley, Butler and Co.

3. The number of inspections in the year under review was on the whole satisfactory, though less so than in the preceding year, three factories having been insufficiently visited in 1890 as against one in 1889. Operations in the Coimbatore factory were commenced only from the 1st September last, but in the remaining two cases the factories are situated at the head-quarters of the Head Assistant and the Joint Magistrate, respectively, and could easily have been examined at least 3 times in the year as required by the rules. The explanations offered for their insufficient inspection of these two factories are not satisfactory.

4. The following errors and omissions are noticed in the preparation of the reports submitted:—

(1) The number of adult males given in the statement of employes appended to the Godavari report is 151, but this figure does not tally with the total of the details given at the foot of the statement.

(2) In the body of the report on the Nellikuppam Factory, it is stated that no children under 12 years of age were employed, but it is observed that some of the employes are shown as children in the statement of inspections. It has been pointed out on more than one occasion that all employes not below the age of 12 years should be classed as adults, and should not be referred to as children.

(3) Again, the repeated orders of Government that the term "Juvenile" should not be used in these reports have been infringed by the Inspectors of Factories Aska and Adoni. In the former instance the Inspector appears to denote by word individuals not below the age of 12 years, whereas in the latter case children below that age seem to be referred to; this is an example of the confusion resulting from a lax terminology. The use by the Inspector of the Chittavalsa Factory of the expression "Young persons" to denote operatives above 12 years of age is objectionable.

Brinkley

5-

11/17/50

marks found necessary in the report

it be printed on sheets of foolscap size
+ will be supplied to all the way in order
by the Dept. of the Int. Police.

(4) From the report whether Registers D are maintained as required by the Act. This point should

(5) Similarly, the in Form F under Rule 2 the notice required by the factory. To avoid a connection with this sub

(6) The majority whether they mustered number appearing at muster points are necessary in employment of children

5. The reports under is paid to the fencing of premises. The condition should be brought to the possible, the defect comp

6. When forwarding occasion to comment upon the management of the Malabar some of which were of a was first visited in the in the Papanasam Cotton observed were found in considerable scope for Spinning and Weaving Co employed on the 15th D at muster on that date, and to be below the age of seven employment of children in

7. There was a margin the figure being 1,092 advanced, but, as remarked Factory have been shown statement, and if these against 399 in 1889 and Coimbatore Spinning and

8. The accidents reported The number reported in since the passing of the year, only one fatal where fifteen other in the Malabar Spinning

1886	..	..	..
1887	..	..	..
1888	..	..	..
1889	..	..	..
1890	..	..	..

9. The reports in fact the reports noticed during the year and occurring in the year

The action taken by the D. Mag. of
Tinnevely in regard to the Cotton
Spinning Factory at Papanasam
as reported in his letter dated
9th June 1891 22 609 is approved.

To all D. Magistrates 1/1
The Public Works
Inspector
Common
Consulting Engineer
Superintendent

3. 12
ports submitted, it is not clear in the majority of instances that the rules of certificates in Form A have been maintained. XV and XIV of the rules framed under the Factories Act have been neglected in future.

Inspectors have generally omitted to state whether the notice VI, and a copy of the rules framed under the Act, as well as VII of the Act, have been put up in a conspicuous place in the factory. In consequence of this omission, a special column for entries in the report has been provided in Appendix II.

The inspecting officers have also failed to state distinctly the number of children in accordance with Rule VII, and to report the number of children absent. Particulars with regard to these children are to be detected any infringement of the rules forbidding the employment of children below the age of seven years.

The reports are generally satisfactory, and show that due attention is being paid to the machinery and to the ventilation and sanitation of the factory. In the case of the Gunny Factory at Chittivalsa the proprietors, with a view to remedying, if necessary, the defects.

In his report for 1889, the District Magistrate of Malabar had pointed out certain irregularities which were found to exist in the manufacturing and Weaving Company's Factory. These defects, of a serious character, were found to continue when the factory was under review. Similar irregularities were also noticed in the case of the Coimbatore Spinning Factory. It is, however, reported that the defects in the case of the Coimbatore Spinning Factory have been rectified. In the case of the Coimbatore Spinning Factory, it is observed that out of 219 children examined by the Inspector only 23 were produced before him. A careful inquiry should now be made into the case of this factory with a view to detecting any breach of the law.

In the case of the Coimbatore Spinning Factory, there was a decline in the number of women employed in 1890, as against 1,358 in 1889. The number of children employed in the factory in 1890 was 40, as against 40 in 1889. In the case of the Nellikuppam Spinning Factory, it would appear, as children in the Inspector's report, that there were 732 children employed in 1890 as against 732 in 1889. The largest number of children was in the case of the Coimbatore Spinning Factory.

In the case of the Coimbatore Spinning Factory, there was a decline in the number of women employed in 1890, as against 103 in 1887 and 89 in 1888. The number of children employed in the factory in 1890 was 40, as against 40 in 1889. In the case of the Nellikuppam Spinning Factory, it would appear, as children in the Inspector's report, that there were 732 children employed in 1890 as against 732 in 1889. The largest number of children was in the case of the Coimbatore Spinning Factory.

850
132
103
70
13
the accidents reported seem to suggest that the machinery is not sufficiently guarded. The figures in the margin show the number of hands employed in the factories during the last 5 years.

will show more care in preparing their reports and the points to be specially noted are the same errors and omissions.

Chief Inspector

APPENDIX I.

District.	Situation.	Town or village.	Name of Factory.	Number of hands employed.			Number of accidents.	Machinery whether fenced or not.	Ventilation and sanitation.
				Men.	Women.	Children.			
Adoni	..	..	Messrs. Dynes and Co.'s Cotton Press ..	36	74	..	1	Not fenced but secure enough.	Good.
			The Bellary Spinning and Weaving Company.	369	71	20	7	Fenced ..	Do.
Bellary	..	..	The Arsenal ..	216	45	..	..	Do. ..	Do.
			Messrs. Dynes and Co.'s Cotton Press ..	8	..	..	..	Do. ..	Do.
Do.	..	..	The Spinning and Weaving Company ..	133	62	272	3	Properly fenced ..	Do.
			Minchin Brothers' Sugar Factory ..	292	..	..	5	Securely fenced ..	Clean and well ventilated.
Coimbatore	..	..	Government Workshop ..	145	3	40	1	Fenced ..	Good.
			Do. do. ..	310	..	6	..	Do. ..	Do.
Askani	..	..	Railway Workshop ..	2,938	2	..	8	Sufficiently fenced ..	Do.
			Gun Carriage Factory and Weaving Mill..	921	20	..	2	Yes ..	Do.
Dowlaiswaram	..	..	South India Spinning and Weaving Mill..	731	31	..	6	Do. ..	Do.
			Harbour Works ..	724	..	..	15	Do. ..	Do.
Do.	..	..	Napier Works Workshop ..	208	..	..	2	Do. ..	Do.
			Public Works Workshop and Weaving ..	238	48	26	6	Do. ..	Do.
Do.	..	..	Madras United Spinning and Weaving ..	672	..	..	..	Do. ..	Do.
			Mill.	799	47	74	4	Do. ..	Do.
Do.	..	..	Buckingham Mill ..	1,479	79	24	16	Do. ..	Do.
			Carnatic Works ..	84	94	..	..	Do. ..	Do.
Do.	..	..	Cement Works ..	171	..	14	..	Do. ..	Do.
			Beehive Foundry ..	351	..	37	2	Do. ..	Do.
Do.	..	..	Messrs. Simpson and Co. ..	254	23	68	16	Properly fenced ..	Clean and well ventilated.
			Malabar Spinning and Weaving Co. ..	77	12	..	..	All securely fenced ..	Sufficient ventilation.
Ponnankara	..	..	Murree Brewery Company ..	31	8	..	..	Properly fenced ..	Sufficient ventilation. Premises being cleaned and fair.
			Messrs. Parry and Co.'s Sugar Factory and Distillery.	491	56	40	..	Fenced ..	Fairly good.
Ottacamund	..	..	Messrs. Parry and Co.'s Sugar Mill, Refinery and Distillery.	2,213	..	..	4	Sufficiently fenced ..	Good.
			South Indian Railway Locomotive and ..	52	..	..	2	Properly fenced ..	Do.
Do.	..	..	South Indian Railway Engineering Works.	330	15	110	..	Properly fenced ..	Good.
			shop.	523	12	42	1	Sufficiently fenced ..	Do.
Do.	..	..	Messrs. Arbutnot and Co.'s Gunny Factory.	607	..	..	2	Properly fenced ..	Do.
			Total Men ..	15,979	1,092	773	117	..	..
Do.	..	..	Women ..	1,092	..	..	..	..	..
			Children ..	1,772	..	..	..	..	..
Do.	..	..	Employes ..	17,843	..	..	..	..	..
			..	..	..	..	..	..	..

Government by the 31st March.

Form of Return to be annually submitted by	10	11

[illegible]