

1881/1882
10/2

1090 Technical 21-5-1887

21st / MAY 1887, No. 1090, JUDICIAL.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following papers :—

From the District Magistrate, Chingleput, dated 22nd January 1887, No. 102.
 " " " Madura " 27th " " " 5.
 " " " Coimbatore " 1st March " " B.
 " " " Salem " 17th " " " 375.
 " " " Malabar " 31st " " " 1480.
 " " " Trichinopoly " 28th April " " 24-2.
 " " " Kurnool " 15th " " " 125.

ABSTRACT.—Reporting that there are no factories in the district.

From M.R.Ry. A. SURYANARAYANA NAIDU GAR, General Deputy Magistrate, to the District Magistrate of Ganjam, dated Russellkonda, 7th January 1887, No. 3.

I have the honor to submit the report under the Factories Act for the year 1886.

2. There is only one factory in the division, i.e., the Sugar Factory of Messrs. Minchin Brothers and Co. at Aska.

3. I inspected this factory on four occasions in the year under report, viz., 31st March, 11th June, 31st August and 18th December 1886.

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

5. All dangerous machinery was securely fenced.

6. The rule as to posting up in a conspicuous place notice of working hours, as also rules and forms in English and Telugu, was properly observed.

7. On the whole, the factory and premises are in a thoroughly satisfactory condition, and I have received every assistance in my inspections from the manager.

8. Seven accidents were reported to me during the year. The injured persons were treated successfully in the local fund dispensary at Aska. A statement showing the details of each case is annexed :—

No.	Date of accident.	Name.	Caste.	Sex.	Age.	Nature of injury.
1	14th January 1886..	Isara Naick.	Bowri ..	Male..	Years. 23	Left foot injured by trash rake caused by another cooly while drawing cane trash from diffusion.
2	17th February 1886.	Looddu Naik.	Do. ..	Do.	25	Right foot injured by a piece of machinery in which he was engaged in hoisting, slipping on it.
3	27th March 1886 ..	Kallooswayi.	Halliya ..	Do.	40	Middle and fourth fingers of left hand slightly crushed at the ends, while putting a cast-iron wheel in motion.
4	10th May 1886 ..	Chendramony.	Chakkler ..	Do.	25	Lacerated wound about 3 inches long on the back of his right hand at the root of the fingers and extending up, in two fingers, to the first joint of them, caused by putting a belt on a centrifugal driving wheel in full motion.
5	12th August 1886 ..	Einaikosow..	Goodia ..	Do.	24	Lacerated wound on the back of his right hand caused by putting a belt on a centrifugal driving wheel in full motion.
6	3rd October 1886..	Moothoo Pa-thro.	Fisherman.	Do.	35	Back of right hand slightly bruised when oiling the engine during motion.
7	26th November 1886.	Monigowdu..	Gowda ..	Do.	43	Right leg was caught in one of the centrifugal belt wheels, whereby his ankle was dislocated and many cuts were made in other parts of his leg.

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

Statement showing the results of the inspections:—								
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 1886.. ..	358	..	84	..	Securely fenced.	Clean and well ventilated.	
	11th June 1886	159	..	39	..			
	31st August 1886	474	..	53	..			
	18th December 1886 ..	482	..	20	..			

No. 11-E.

Endorsement on the above.

Submitted to the Chief Secretary to Government, Judicial Department, Fort St. George.

RUSSELLKONDA,
29th January 1887.

(Signed) J. G. HORSFALL,
District Magistrate.

From P. RAMACHENDRA ROW, Esq., Acting Head Assistant Magistrate and Inspector of Factories, Kistna district, to the District Magistrate, Kistna, dated Bezvada, 19th January 1887, No. 9.

I have the honor to submit my report, under the Factories Act XV of 1881, for the calendar year 1886.

2. There is only one factory in the division, viz., the Department of Public Works Workshops, Bezvada.

3. This factory was inspected by me on the 22nd September, and by my predecessor on 2nd February and 6th March, respectively.

4. The rule as to posting up in a conspicuous place notice of working hours and holidays, as also rules and forms in English and Telugu (*vide* Rule XXIII), was being properly observed.

5. The registers under Forms D and E were kept, and the certificates given in Form C by the certifying surgeon were pasted in a book.

6. A notice, giving particulars as to the intervals for food and rest to children, was also posted in front of the factory.

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

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

9. No accidents were reported in the year under report.

10. I enclose a statement showing the number of persons employed at the time of inspection, and the state of the factory with reference to sanitation and ventilation.

3

ENCLOSURE.

Statement.

Name of the division.	Name of factory.	Number of persons employed at the time of inspection.				Machinery whether fenced or not.	Ventilation and sanitation.	Date of inspection.
		Adults.		Juveniles.				
		Men.	Women.	Males.	Female.			
Head Assistant Magistrate's division.	Government D.P.W. Work-shops, Bezvada.	181	..	3	..	Safe	..	2nd Feb. 1886.
		194	..	4	..	Do.	..	6th Mar. „
		180	..	5	..	Do.	..	22nd Sept. „

No. 95.

Endorsement on the above.

Submitted to the Chief Secretary to Government in the Judicial Department, with reference to G.O., No. 329, dated 9th February 1883.

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

MASULIPATAM,
2nd February 1887.

(Signed) R. SEWELL,
Acting District Magistrate.

From F. H. HAMNETT, Esq., Acting Joint Magistrate, to the Magistrate, Godavari District, dated Gannavaram, 1st February 1887, No. 25.

I have the honor to report on the working of the Factories Act XV of 1881 during the year 1886.

2. The Government workshop at Dowlaishweram is the only factory in the division coming within the scope of the Act. It was inspected by me twice during the year. There were employed at the factory 240 males and 3 females at the time of my first inspection on 10th June 1886, and 155 males and 4 females at the second inspection on 2nd August 1886. All of them were stated to be adults. At the time of my inspection there were twelve bellows-boys who were all reported to be over 12 years of age, but three of them did not, from their appearance, seem to be so old, and I therefore directed that, unless a certificate from the Civil Surgeon was obtained that these boys were over 12 years of age, registers in Forms D and E should be opened.

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

4. All dangerous machinery was properly fenced.

5. There were no accidents during the year.

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

7. The statements prescribed by Government in their order, No. 1760, dated 7th July 1885, is enclosed.

ENCLOSURE.

STATEMENT showing the number of persons employed at the end of the year 1886 in the Government Workshop, Dowlaishweram.

Name of district.	Name of factory.	Number of persons employed at the end of the year 1886.				Machinery whether fenced or not.	Ventilation and sanitation.	Remarks.
		Adults.		Juveniles.				
		Males.	Females.	Males.	Females.			
Godavari district.	Government Workshop.	134	4	66		Fenced	Good	

8. The temperature in the working room at the time of my inspections was as follows:—

On the 14th April 1886 = 91°
 „ 4th Sept. „ = 92°
 „ 22nd Dec. „ = 81°

9. Wherever it was necessary or possible the machinery has been fenced and protected either by iron rails or by iron and wooden shields, so as to effectually prevent all chances of accidents. The calender rollers have been protected with small guide rollers for the purpose of conducting the cloth to the in-running side of the upper calendering rollers. These are now worked safely and with ease.

10. Two accidents were reported during the year under report—

- (1) On the 28th July, at 11-30 A.M., a pariah named Nidigathi Asirigadu while employed as a hammerman, a chip of metal fled from the head of a rivet which was being cut out of an old steam boiler, and caused a cut on the upper part of his chest.
- (2) On the 14th August last, at about 4 P.M., a washerman named Seelayerraya, who had been employed as a rover, got the thumb of his right hand bruised in opening the wheel-guard of No. 1 roving and cleaning the wheel-gearing while in motion.

Both these men were sent to the dispensary at Binlipatam for treatment and soon recovered. They both returned to work on the 9th September 1886.

11. Certificates of age were granted to all young persons employed in the factory, in Form C appended to the rules, by the civil apothecary in charge of the municipal dispensary at Binlipatam, who was appointed * as certifying surgeon under section 5 of the Factories Act XV, 1881. A file of these certificates is maintained as required by Rule XIV.

* Vide Notification, dated 31st May 1886, No. 240, published at page 565 of the Fort St. George Gazette, dated the 18th June 1886.

13. Registers D and E are not kept in the factory, as no children under twelve years of age were employed.

14. A notice of daily working hours has been maintained in Form "F" as required by Rule XVI, as also a list of holidays, both of which were hung up in a conspicuous part of the office room in the factory.

15. Printed copies of the rules and forms, with Telugu translations thereof, have also been kept on the outer walls of the office room.

16. I inspected many of the young persons employed in the factory, and they looked healthy and cheerful.

17. Registers A and B, required to be kept in my office under Rule 2, have been duly maintained.

18. A statement showing the number of persons employed on the last working day of the year is herewith sent as required by paragraph 7 of G.O., 17th July 1886, No. 1760, Judicial Department.

ENCLOSURE.

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 the district.	Name of factory.	Number of persons employed at the end of the year.				Machinery whether fenced or not.	Ventilation and sanitation.
		Adults.		Juveniles.			
		Men.	Women.	Males.	Females.		
Vizagapatam	Gunny Factory at Chittivalasa..	318	50	257	12	Fenced or otherwise protected.	Good.

Endorsement on the above.

Submitted to Government for information. The two accidents mentioned were not of a serious nature.

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

VIZAGAPATAM, 5th March 1887. (Signed) V. JAGANNADHA ROW, District Magistrate.

From Colonel T. WELDON, Commissioner of Police, to the Chief Secretary to Government, dated Madras, 31st March 1887, No. 31.

I have the honor to forward the report of the Deputy Commissioner of Police as Inspector of Factories for the year 1886.

2. The only noticeable accident was an explosion in the sizing room of the "Carnatic" Mills. The cause remains unknown. Fortunately no one was hurt and comparatively little injury done to the building.

3. The Deputy Commissioner notices with regret the cessation of employment formerly given to juveniles at these mills. I understand, however, that some of the mills propose to revert to the former practice to a limited extent.

ENCLOSURES.

From S. D. SIMPSON, Esq., Deputy Commissioner, to the Chief Commissioner of Police, dated Madras, 29th March 1887, No. 28.

I have the honor to report that the factories in the City of Madras were visited by me during the calendar year 1886, as stated below:—

Name of factory.	Date of inspection.	Number of times examined.
Buckingham Mill Company	26th Mar., 30th Aug., and 29th Dec. 1886.	3
Carnatic Mill Company	26th Mar., 30th Aug., and 29th Dec. "	3
Gun Carriage Factory	11th May, 8th Sept., and 21st Dec. "	3
Gunpowder do.	10th May, 25th Sept., and 16th Dec. "	4
Southern India Spinning and Weaving Company.	18th Jan., 25th Mar., 13th May, and 15th Nov. 1886.	3
Harbour Works	14th Apr., 25th Aug., and 29th Nov. 1886.	3
Public Works Workshops	17th Apr., 24th Aug., and 10th Dec. "	3
The Arsenal	20th Apr., 25th Aug., and 2nd Dec. "	3
Madras United Spinning and Weaving Mill.	10th May, 31st Aug., and 17th Dec. "	3
Massey's Iron Foundry	20th May, 27th Aug., and 25th Nov. "	3
Cement Works	20th May, 27th Aug., and 25th Nov. "	3

2. Accidents.—I append a list of accidents. There were 31 accidents this year against 38 last year. Statement A shows in detail the number in each factory, how they occurred, and the extent and description of the injury in each case. It will be seen from this statement that the injuries sustained in all but four cases were trivial, and that none proved fatal. There was, however, an accident in the Carnatic Mill which, but for the explosion occurring roofwards, would certainly have proved fatal to some eight persons.

In the sizing room of this mill, there are two sizing machines. Each machine had two cylinders made of copper and are used for drying purposes. The dimensions of the cylinders are—diameter 6 feet and 4 feet, respectively, and length 93 inches.

On the morning of the 27th of December 1886, while it was yet dark in the room, these machines were at work and being attended to by the two natives (sizers) in charge of them and six assistants (coolies). It is said that all of a sudden, without any apparent cause or any warning, a cylinder of one of the machines burst on the uppermost side or perpendicularly and knocked out of the wall four large framed glass windows, which were about 15 to 18 feet off the ground, and also caused the companion cylinder to collapse. There were six persons close by at the time, but only one of them got slightly cut in the foot.

The barrel or drying surface of the cylinders are, as I said before, made of copper, the metal being one-sixteenth of an inch in thickness. The flanges, with patent ring, clasped joints and longitudinal stays, being made of wrought iron and the axles of cast iron.

The cylinders are worked at a pressure from 10 to 14 lb. That at which they are tested in England is not known, but their indicators register 20 lb. to a square inch.

By the arrangement of the safety or blow-off valve, the pressure at the time of the explosion could not possibly have exceeded 14 lb. per square inch. The man in charge says that he was working at 10 lb. pressure and no more, and can give no explanation as to the cause of the accident. The manager can only surmise that a weight of some kind must have been carelessly placed on the safety valve by one of the natives in the room.

I have examined the copper barrels and can find no trace of a flaw anywhere. These cylinders are not made by the makers of the machines, Messrs. Howard and Bullough, nor is it known who made them, but I am told that they are generally made by Lang Bridge Aurington, Lancashire, for Messrs. Howard and Bullough, and are tested by hydraulic power before they are sent out to this country. At the time of the explosion, the cylinders had been in constant use since September 1885.

3. *Children.*—The Buckingham and Carnatic Mills, while still retaining children formerly on the registers as stated in my report for the year 1884, object to employing such young hands. During the year 193 (183 boys and 10 girls) children applied for employment but were refused admission, as the medical officer certified them to be under 12 years of age.

In 1882, when the Factory Act came into operation, there were 73 children in all registered in the different factories; the following statement shows exactly how they stood year by year since then:—

Statement showing the number of children employed in Mills from the year 1882.

No.	Name of Mill.	Years.					
		1882.	1883.	1884.	1885.	1886.	
1	Southern India Spinning and Weaving Mill	21	12	..	..	..	Discontinued from 1st July 1883.
2	Madras United Spinning and Weaving Mill	12	12	..	..	..	
3	Buckingham Mill	40	54	79	22	8	
4	Carnatic Mill	..	130	61	39	24	

It will be observed from the above that the Rayapuram Mill (Southern India Spinning and Weaving Company) ceased to employ "child" labor in 1882, the Choolay Mill (Madras United Spinning and Weaving Company) in 1883, and the Buckingham and Carnatic Mills (which are worked by European managers and are under the care and direction of Messrs. Binny and Co.) in 1884. Some of the retained children having since attained age (12 years) have been transferred from the juvenile to the adult register. There now remain only 31 boys and 1 girl who are allowed the usual holidays during the year and are well cared for.

As I said in my report for 1884, I regret very much the discontinuance of employing children particularly in the Buckingham and Carnatic Mills. Since that year no less than 740 children, as per margin, have been rejected, who, if employed, would have been kept off the streets and been a help to their parents. There can be no doubt whatever that boys well trained turn out good workmen and are more amenable to mill regulations than undisciplined adults taken from the city.

4. The following table shows the number of persons employed at the end of the year and the state of the factories in regard to sanitation and ventilation:—

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.	Male.	Female.		
Buckingham Mill Company	585	71	8	..	Yes ..	Good ..
Carnatic Mill Company	697	51	23	1	Do. ..	Do. ..
Gun Carriage Factory	423	1	..	..	Do. ..	Do. ..
Gun Powder Factory	98	8	..	..	Do. ..	Do. ..
Southern India Spinning and Weaving Mill	444	16	..	..	Do. ..	Do. ..
Harbour Works	730	79	..	..	Do. ..	Do. ..
Public Works Workshops	233	2	..	..	Do. ..	Do. ..
The Arsenal	533	..	..	..	Do. ..	Do. ..
Madras United Spinning and Weaving Mill	453	11	..	..	Do. ..	Do. ..
Masey's Iron Foundry	231	..	..	..	Do. ..	Do. ..
Cement Works	194	89	..	..	Do. ..	Do. ..

STATEMENT A.

Name of factory.	Date of accident.	Name of person injured.	Nature of injury.
Buckingham Mill	10th Mar. 1886	Vencatsamy	Right arm broken and cut over right eye by his carelessness in getting his arm round a strap pulley.
Do.	12th June	Cundasamy	Injury to second finger of right hand caused by putting it in a pinion of roving frame.
Do.	16th July	Theorgappa	Slight injury to first finger of right hand by putting it on catch.
Do.	1st Aug.	Soobroyan	Right wrist broken by putting his hand in squaring band pulley.
Carnatic Mill	14th Mar.	Shaik Adam	Hurt on thumb of right hand by putting it betwixt the wheels while in motion.
Do.	28th Mar.	Moonesamy	Slight hurt on first finger of right hand by putting it in the frame while working.
Do.	1st April	Fuckroodeen	Slight hurt on second finger of right hand by putting it in the winding frame while working.
Do.	15th April	Ponnusamy	Slight hurt on second and third fingers of right hand by putting them betwixt two wheels while in motion.
Do.	23rd Aug.	Ponnan	Hurt on left hand by putting it in the sizing frame.
Do.	24th Aug.	Patchay	Hurt on second finger of left hand by putting his finger while working in the frame.
Do.	24th Nov.	Mahomed Sheriff	Hurt on his left finger by putting his hand between ticker-in and seed-rollers while working in carding engine.
Do.	27th Nov.	Ponnen	Slight hurt on his right leg caused by explosion of two sizing cylinders.
Gun Carriage Factory	18th Jan.	Moonesamy	Injured the first joint of second finger of right hand while working at one of the circular saws.
Do.	23rd Jan.	Abdul Kadir	Thumb of left hand smashed while working at the shearing machine.
Do.	5th Mar.	Moonesamy	Injured toe of right foot by the fall of a log while working at the saw pit.
Do.	16th Mar.	Rungian	Injured left foot by the fall of a bar of iron.
Do.	6th Sept.	Alaguppen	Injured his right thumb while sawing timber.
Do.	20th Sept.	Veerasamy	Injured on third and fourth fingers of left hand.
Do.	15th Oct.	Mahomed Ayath	Injured his left knee while tying a wheel.
Gun Powder Factory	2nd Feb.	Soobroyan	Scald caused by hot water from a steam-pipe falling on the back of the man while disconnecting the pipes.
Do.	2nd April	Kotappah	Wound caused by his fingers coming in contact with a barrel containing saltpetre.
Do.	21st June	Veerasamy	Sprain (back) while lifting up a barrel of powder.
Do.	14th Dec.	Chengalaney	Contusion on the right hip caused by the fall of the mixing hopper on his hip.
Southern India Spinning and Weaving Mill	25th Nov.	Maures	Two fingers slightly bruised.
Do.	7th Dec.	Moonesamy	Left arm (broken) severely injured by lap machine while removing cover while in motion.

STATEMENT A—continued.

Name of factory.	Date of accident.	Name of person injured.	Nature of injury.
Public Works Workshops.	25th Feb. 1886	Venecatachellum	Second and third fingers of right hand have been slightly hurt by the fall of a cast iron furnace door.
Do.	14th Sept. "	Sithadoo	Cut on the calf of right leg caused by a knife slipping when cutting leather.
Madras United Spinning and Weaving Mill.	26th April "	Govinduragula	Wounded over the right ear and right side of head by striking against a mule while working.
Do.	26th July "	Abdul Rhyman	Laceration over the right hand palm by letting his hand catch in a carding machine.
Do.	12th Sept. "	Mungapathy	Cut and laceration on the middle two fingers of his right hand.
Do.	3rd Oct. "	Samen	Wound on the right thigh caused by his recklessness while working in a mule.

From H. P. GORDON, Esq., District Magistrate, South Arcot, to the Chief Secretary to Government, dated Cuddalore, 31st March 1887, No. 28.

I have the honor, with reference to G.O., No. 625, dated 5th May 1883, Judicial, and paragraph 6 of G.O., No. 193 of the 9th February 1882, to forward herewith reports * (with enclosures) from the General Duty Deputy Magistrate's letter, No. 3, 9th February 1887. Temporary Deputy Magistrate and Deputy Magistrate on General Duties on the working of the Factories Act XV of 1881 during the calendar year ending 31st December 1886.

2. The only factories falling within the definition of the Act which were in working order in this district during the year under report were those at Nellikuppam and Tiruvannanallur. The latter establishment, which was damaged by the floods of November 1884, was under repair during a considerable part of the year.

3. The factory at Nellikuppam was inspected by the then Assistant Magistrate (Mr. Morris) and the Temporary Deputy Magistrate on three occasions during the year. The sanitary condition of the building is reported to be good and it is well ventilated. Two accidents occurred in this establishment during the year as shown below:—

- (1) On 23rd January 1886, one Chinnaswami Pillai got the palm of his right hand torn by the wheel of a machine. He was treated in the Manjakuppam dispensary and was cured.
- (2) On the 18th August 1886, one Peria Muthukristnan, who was drunk at the time, accidentally fell from the top of a tower, 25 feet high. He died on the way to the hospital.

4. The factory at Tiruvannanallur was twice inspected by the Deputy Magistrate, and he reports that the sanitary condition was good on the first occasion but unsatisfactory on the second. From further information supplied by the Deputy Collector, it would appear that the condition of the factory on this occasion was untidy rather than insanitary. The ventilation in the witzel room is said not to be good. There were no accidents in this establishment.

5. Statements called for in G.O., No. 1760 of the 7th July 1885, are submitted.

ENCLOSURES.

From M.R.Ry. T. V. NARAYANASWAMI AIYER AVARGAL, Temporary Deputy Magistrate of South Arcot, to the District Magistrate of South Arcot, dated Cuddalore, 5th February 1887, No. 27.

I have the honor to submit my report on the working of the Factory Act No. XV of 1881 during the year 1886.

2. The Nellikuppam Sugar factory and Spirit distillery belonging to Messrs. Parry and Co. was the only factory that was brought to register during the year under report. This factory was inspected by me and my predecessor, Mr. Morris, on three occasions as noted in the margin, and I submit herewith an extract from the registers A and B. As a rule, boys and girls, below the prescribed limit of age, were not employed in this factory, and consequently no registers in the Forms D and E (Rule XV) and no file of certificates in Form C (Rule XIV) were maintained during the year.

By Mr. Morris.
1. 12th March 1886.
2. 8th August 1886.

By Temporary Deputy Magistrate.
3. 22nd December 1886.

* Vide statement enclosed.

3. There were two accidents during the year under report as detailed below:—

- (1) On the 23rd January 1886, one Chinnaswami Pillai came in contact with the wheel of a machine with which he had no business to interfere and got his right palm torn. The injured man was immediately removed to the municipal dispensary at Manjakuppam where he was treated and cured.
- (2) On the 18th August 1886, at about 8 p.m., a man named Peria Muthukristnan, aged about 45, who was working on the top of a bone tower, 25 feet high, situated within the factory compound, accidentally fell down and received serious wounds and some of his bones were fractured. The man was immediately sent to the hospital, but died on the way. During the inquiry held by my predecessor, it was found that the man was under the influence of liquor and it was in consequence of this that he fell. Due notices of these accidents were given to this office by the Factory Agent as required by the rules.

4. The sanitary condition of the factory premises has been good, and the building has been provided with proper means of ventilation.

5. There were no prosecutions during the year.

STATEMENT showing the accidents occurred in the Factory at Nellikuppam registered under the Factories Act XV of 1881 during the year 1886.

Name of the factory, village and taluk.	Date of occurrence.	Name of the persons injured and his age.	Nature of injury and how caused.	Steps taken towards the injured persons and the result of it.
Factory of Messrs. Parry and Co. at Nellikuppam, Cuddalore taluk.	23rd January 1886, at 11 A.M.	Chinnaswami Pillai, aged 25.	Palm of his right hand torn when coming in contact with a wheel of a machine.	The man was removed to the dispensary at Manjakuppam where he was treated and cured.
Do.	18th August 1886, at 8 P.M.	Peria Muthukristnan, Pariah, aged about 45.	Received serious wounds all over his body, and bones fractured by falling down from a bone tower which is 25 feet high.	The wounded was being removed to the hospital, on the way he died, and the body was handed over to the relatives.

From M.R.Ry. T. V. NARAYANASWAMI AIYER AVARGAL, Temporary Deputy Magistrate of South Arcot, to the District Magistrate of South Arcot, dated Cuddalore, 22nd February 1887, No. 38.

With reference to your docket, No. 46, dated 19th instant, I have the honor to subjoin a statement in the form referred to in paragraph 4 of the letter from the Deputy Commissioner of Polices printed in G.O., No. 1760, dated 7th July 1885, with regard to the factory at Nellikuppam:—

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.		Juveniles.				
			Men.	Women.	Male.	Female.			
South Arcot district.		Messrs. Parry and Co's Sugar factory and Spirit distillery at Nellikuppam.		341	43	..	..	Fenced.	Good.
				35	..	..	..	Do.	Do.

From M.R.Ry. K. SUBBA RAO PANTULU GARU, Deputy Magistrate of South Arcot, to the District Magistrate of South Arcot, dated Jambai, 9th February 1887, No. 3.

I have the honor to submit my report on the working of the Factory Act in this division for 1886.

2. Of the two factories in this division, the Sugar factory and Arrack distillery of Messrs. Parry and Co. at Tiruvannanallūr was registered in 1881, but the other Sugar factory at Eravaliput has not been registered as the daily coolies employed there are considerably below 100 in number.

3. The Tiruvannanallūr factory was twice inspected by me during the year, and a statement showing the state of the factory, with reference to sanitation and ventilation, is herein enclosed. For several months the buildings were under repairs. I have also twice inspected the Eravaliput factory and I found the buildings in repairs.

5. No accidents have been reported to me during the year.

A full statement is herewith submitted.

Form B.
Register of Inspection of Factories.

Number of factory in Register A.	Name or description of factory.	Name of occupier or manager.	Date of inspection.	Number of persons at work on date of inspection.				Machinery whether fenced or not.	Ventilation and sanitation.	Remarks.
				Adults.		Children.				
				Men.	Women.	Male.	Female.			
	Sugar factory at Tiruvannamalai.	E. J. G. Gill, Esq., Agent.	12th Apr. 1886.	22	..	..	..	Important 3 machines are fenced.	Ventilation good except in wicket room. Sanitation good within the premises of the factory. The compound is covered by the refuse of the crushed cane, &c. Sanitation not satisfactory.	As a rule children below 12 are not employed. There are some machines which will have to be fenced if children are employed. D and E Registers are always set for want of children employed on work. Building under construction. The well by the Indigo vat is in need of parapet wall, as handies pass by it with much unsafety.
30th Nov. 1886.			29	4	..	..	Machines are not at work.			

From M.R.Ry. L. A. SWAMI IYER AVERGAL, Temporary Deputy Magistrate, to the District Magistrate of Bellary, dated 28th February 1887, No. 93.

I have the honor to submit the annual report on the working of the Factories Act XV of 1881 for the calendar year 1886, together with the prescribed statement.

2. The only factory registered under the Act in the division is the Spinning Mill of Messrs. A. Sabapathy Mudaliar and Co. at Bellary. It was inspected by me on the 20th August 1886, and there were no more inspections during the year on account of constant changes of officers. I was in charge of the division from 22nd March up to 17th September during the year.

3. The number of people employed in the factory on the date of my inspection was 266 as detailed below:—

Men	214
Women	52
	<u>266</u>

They looked healthy and strong.

4. A file of certificates granted by the Civil Surgeon has been maintained.

5. No registers in forms D and E are kept, as no children are employed in the factory.

6. Notice F, in vernacular and English, is suspended at the entrance of the spinning rooms. The working hours were from 6 A.M. to 6 P.M., with a recess of half-an-hour for food and rest. The boys are permitted fifteen minutes rest for every four hours for recreation. Two Sundays in a month are allowed as holidays in addition to the Hindu and Muhammadan festival days.

7. Ventilation and sanitary arrangements are good.

8. The machinery is well fenced. There were no accidents and no prosecutions during the year.

ENCLOSURE.

ENCLOSURE.

Name of the district.	Number of factory in register A.	Locality where situated.	Name of factory.	Number of persons employed on dates of inspection.				Date of inspection.	Machinery whether fenced or not.	Ventilation and sanitation.
				Adults.		Children.				
				Men.	Women.	Males.	Females.			
Bellary ..	1	Bellary..	Bellary Spinning and Weaving Mill.	214	52	..	..	20th Aug. 1886.	Yes ..	Good.

No. 386.

Endorsement on the above.

Submitted to the Chief Secretary to Government, Madras.

2. None of the cotton presses of Adoni and Bellary towns which were struck off the register in 1884 and 1885 have again become liable to inspection.

3. Due care shall be taken that inspection is duly performed in the current year. I joined the district in December 1886.

11th April 1887.

(Signed) H. M. WINTERBOTHAM,
Ag. District Magistrate.

From J. LEE-WARNER, Esq., District Magistrate, Tinnevely, to the Chief Secretary to Government, dated Tinnevely, 20th April 1887, No. 358.

In reference to G.O., dated 5th May 1883, No. 625, Judicial, I have the honor to submit my annual report on the working of the Factory Act (XV of 1881) during the calendar year ending 31st December 1886, together with copies of reports from the Joint Magistrate, Head Assistant Magistrate, and General Charge Deputy Magistrate, Tinnevely.

2. There are in all four registered factories in this district, as detailed in the margin, the first two lying in the Joint Magistrate's division, the third in the Head Assistant Magistrate's, and the last named in the General Charge Deputy Magistrate's.

3. These factories have been visited by the respective inspectors during the year under report as shown in the following table:—

Names of factories.	Date of inspection.	No. of times examined.
1. Tuticorin Cotton Press Company (Limited)	25th June, 28th October, and 20th December.	3
2. Cotton Press of Darley, Butler and Co., Tuticorin.	Do. do. do.	3
3. Cotton-spinning Factory at Papanasam.	4th June, 3rd September, and 21st December.	3
4. Cotton Press of A. and F. Harvey and Co., Virudupati.	Do. do. do.	3

4. Besides the above registered factories, there are others in the Joint and General Charge Deputy Magistrates' divisions which do not fall within the scope of the Act, as the number of hands employed in each is below 100. However, they also are being visited and watched by the inspectors, to see whether they come within the definition of a "factory."

5. The subjoined statement shows the number of persons employed on the date of each inspection, and the state of the factories with reference to sanitation and ventilation:—

Names of factories.	Date of inspection.	No. of persons employed.				Machinery whether fenced or not.	Ventilation and sanitation.
		Adults.		Juveniles.			
		Men.	Women.	Males.	Female.		
1. Tuticorin Cotton Press Company (Limited).	25th June 1886 28th Oct. " 20th Dec. "	..	..	..	..	Properly fenced.	Clean and properly ventilated.
2. Cotton Press of Darley, Butler and Company, Tuticorin.	Do.	..	..	..	..	Properly fenced except in one place which is slightly dangerous.	Do.
3. Cotton-spinning Factory, Papanasam.	4th June 1886 3rd Sep. " 21st Dec. "	..	217 236 240	77 53 70	..	Securely fenced.	Well ventilated.
4. Cotton Press of A. and F. Harvey and Co., Virudupati.	Do.	..	..	..	..	Enclosed by wooden materials.	Good.

6. The number of hands employed in the first two factories at each inspection was unfortunately not recorded by the Joint Magistrate. He has been directed to supply the omission in future reports. He states that the machinery of Messrs.

Darley, Butler and Co. is properly fenced, except in one place which is still slightly dangerous, though something has been done since last report to guard against accidents. He has been directed to insist on the remedying of this. The General Charge Deputy Magistrate, in whose division the cotton factory of A. and F. Harvey and Co. lies, joined the division only in July last after work in the factory had ceased. He has therefore only been able to report that the buildings are clean and in good order, as he did not see the hands at work.

7. No children under 12 years of age were employed in any of the factories during the year under report.

8. Two accidents occurred in the spinning mill factory at Pápanásam—one fatal and the other slight—the particulars of which are given in the 7th paragraph of the Head Assistant Magistrate's report. They were duly reported at the time to the Head Assistant Magistrate, as required by the rules. The other factories were free from accidents.

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

ENCLOSURES.

From W. M. THORBURN, Esq., Joint Magistrate, to the District Magistrate of Tinnevely, dated 3rd March 1887, No. 44.

I have the honor to submit my annual report on the working of the Factory Act for the calendar year 1886

2. The two factories noted below were under supervision and they were inspected by me on the dates entered opposite each:—

(a) Tuticorin Cotton Press Company (Limited)—June 25th, October 28th, and Dec. 26th.

(b) Darley, Butler and Company's—June 25th, October 28th, and December 20th.

3. No children under 12 were employed in the factories, nor was there any accident during the year.

4. The premises of both factories are kept clean and the buildings properly ventilated. The machinery is properly fenced, except one place in Darley, Butler and Co.'s, which is still slightly dangerous, though something has been done since last report to guard against accidents.

5. Nothing else calling for remarks was observed.

6. The other cotton presses at Tuticorin (1) of Messrs. Volkarts Brothers, (2) of Messrs. Gaddam, Bythal and Co., and (3) of Mr. Henry Kemp Welch, were visited by me. As the number of persons employed in each was below 100, no steps were taken to bring them under the Act.

From E. C. RAWSON, Esq., Head Assistant Magistrate, to the District Magistrate, Tinnevely, dated 20th January 1887, No. 8.

I have the honor to submit my report on the working of the Factory Act (No. XV of 1881) in my division for the year 1886.

2. No new factory was started in this division during the year. The only factory existing is the cotton-spinning mill belonging to the Tinnevely Mills Company at Pápanásam, reported on in my last report.

3. I have inspected this factory on three occasions during the year, viz., on the 4th June, the 3rd September, and the 21st December.

The number of persons working in the mill on the dates of inspections were as follows:—

	Adults.		Children.		Total.
	Male.	Female.	Male.	Female.	
4th June	247	77	..	..	324
3rd September	235	52	..	..	287
21st December	240	70	..	..	310

21st MAY 1887, N

4. No children under 12 are employed at the

5. The rules, schedules, &c., are conspicuous rules.

6. The machinery is securely fenced, and the

7. Two accidents occurred during the year. The latter accident occurred on the 17th February 1887, when a workman named Agasthian, aged 18, was caught by a belt while unloosing a tin roller, whence he fell on the floor. His left arm and right arm was partially scraped off.

The fatal accident occurred on the 9th November 1886, when a workman named Agasthian, aged 18, was caught by a belt while unloosing a tin roller, whence he fell on the floor. His left arm and right arm was partially scraped off. The accident was entirely caused by the fault of the workman at all.

8. These accidents were reported to me at the

9. No prosecutions were instituted during the

10. The condition of the mill is in every way

List of Accidents that occurred in the Factories, Tinnevely.

Name.	Caste.
1. Govindan	Hindu.
2. Agasthian	Do.

From R. ANANTARAMA AIYAR, General Magistrate, Tinnevely, dated

I have the honor to submit my report on the working of the Factory Act for the year 1886, together with the usual statement.

2. I joined this division in July last. There was actually no work carried on in the factories during the year, and I could not therefore inspect any of them. The buildings, &c., which were found to be in good condition, have occurred during the year under report.

ACCIDENTS in the year 1886 in Factories in the Division, Tinnevely.

Name of factory.
1. Southern India Press Company, Limited, Virudupatti.
2. A. and F. Harvey at Virudupatti.
3. A. and F. Harvey at Sator.
4. Cotton-pressing Company (Limited), Messrs. Dymally, Virudupatti.

factory as required by the

ventilated.

the other a slight one. The workman named Agasthian, aged 18, was caught by a belt while unloosing a tin roller, whence he fell on the floor. His left arm and right arm was partially scraped off. The accident was entirely caused by the fault of the workman at all.

The fatal accident occurred on the 9th November 1886, when a workman named Agasthian, aged 18, was caught by a belt while unloosing a tin roller, whence he fell on the floor. His left arm and right arm was partially scraped off. The accident was entirely caused by the fault of the workman at all.

the rules.

Assistant Magistrate's Division,

Nature of injury.

Skin partially scraped off right arm. Left arm broken and internal injuries which proved fatal.

Magistrate, to the District Magistrate, Tinnevely, dated

factories in my division during

on occasions I visited Virudupatti, but on season having been almost over, was going on, but merely saw the No accidents have been reported to

Large Deputy Magistrate's Division,

Name of person injured.

Nature of injury.

one reported during the year.

List of Factories in the

Name of district.	Name of factory.
Tinnevely District.	1. Southern India Company, Limited.
	2. A. and F. Virudupati.
	3. A. and F. Har.
	4. Cotton-pressing (Limited), M. and Co., Factory.

ORDER—dated 21st May

The foregoing report for the year 1886 show that the Act remained unchanged during year, half being situated in the appendix.

2. On the whole, there are in two cases only.

3. In Tinnevely, the inspections to note the number of the most obvious points is inexcusable. The defect in Co.'s factory should not be a matter of government regarding factory. The Collector will, therefore, in future, and his attention to the 6 of G.O., 31st May 1886. Press at Virudupati is in the Collector's report, the average.

4. In the South Arcot Tiruvannanallur is rightly working on both the days of inspection, the figure (100) which would have been due to the bulk during a considerable part of the report whether the factory fully.

5. Fifty-eight accidents occurred in the year previous. This is unusually large, and probably the attention of the Inspector will be in his next report. It is in one of these at the Nellore top of a tower 25 feet high, drunk, and it appears to have been allowed to be a nāsam mill in Tinnevely, in going to unloose from a shaft.

1090, JUDICIAL.

Magistrate's Division, Tinnevely District, for 1886.

	Number of accidents.	Machinery whether fenced or not.	Ventilation and sanitation.
No accidents reported during the year.		Fenced by walls	Good.
		Enclosed by wooden materials.	Do.
		Fenced	Do.
		Fenced by walls	Do.

Magistrate's Division, Tinnevely District, for 1886.

The Factories Act (XV of 1881) during the year 1886, the total number was 24, as in the preceding half in the city of Madras, as shown in the appendix.

The reports are satisfactory and call for remarks.

The Magistrate omitted on each of his reports. Such an omission, in regard to the inspection officer's attention, is inexcusable. The defect in machinery at Messrs. Darley, Butler and Co. is inexcusable. The defect in machinery at Messrs. Darley, Butler and Co. is inexcusable.

No information is required by Government. The General Charge Deputy Magistrate. The General Charge Deputy Magistrate. The General Charge Deputy Magistrate.

The number of hands found at the factory at Askar. The number of hands found at the factory at Askar. The number of hands found at the factory at Askar.

The number of hands found at the factory at Askar. The number of hands found at the factory at Askar. The number of hands found at the factory at Askar.

21st MAY 1887, No.

floor, breaking his left arm and sustaining a fracture in hospital. The accident is, however, due to the deceased's own action in touching the belt.

6. Inspections were generally good in the prescribed conditions, except in Bellary, where the single factory on the register more than explained. The mill in question is situated in Bellary, and could, without difficulty, have been visited at least the first time in G.O., dated 9th February 1882, by the Magistrate who submitted the annual report. The factory is situated for six months out of the year to inspect the mill oftener. The District Magistrate neglected in future.

7. The submission of forms A and B and South Arcot together with the reports is sufficient if with the list of accidents in G.O., 7th July 1885, No. 1760, is furnished.

8. The Deputy Commissioner of Police has been instructed to discontinue of "child" labor in the mills. The number of children of employment, which is the same result appears to have followed the Presidency, and from every district, under 12 years are now employed. Section 1 of the Act is being alloted for food and rest, and it is probable that these provisions of mill-owners, and which perhaps have led to the general discontinuance of the Act.

9. Column 4 of the statement showing the number of children between 12 and 18 years of age should be classed as "adults." The use of this in the returns now submitted is in accordance with the phraseology of the Act.

(True)

To all District Magistrates.
To the Public Works Department.
To the Consulting Engineer for Railways.
To the Commissioner of Police.

all injuries that he died entirely due to the fact that he had done.

fulfilled, as a rule, the Inspector to inspect the year is not sufficiently lary, and could, without difficulty, have been visited at least the first time in G.O., dated 9th February 1882, by the Magistrate who submitted the annual report. The factory is situated for six months out of the year to inspect the mill oftener. The District Magistrate neglected in future.

Magistrates of Tinnevely is not required. It will be referred to in paragraph 7 of the report.

with regret the discontinuance, as depriving a large number of children of employment, which is the same result appears to have followed the Presidency, and from every district, under 12 years are now employed. Section 1 of the Act is being alloted for food and rest, and it is probable that these provisions of mill-owners, and which perhaps have led to the general discontinuance of the Act.

inspections should only be made of age are employed; all children should be employed, in the term "juveniles." The use of this in the returns now submitted is in accordance with the phraseology of the Act.

Ag. Chief Secretary.

[Appendix]

107

1090
11

X.

Name of District.			Number of men employed.	Number of acci- dents.	Machinery, whether fenced or not.	Ventilation and sani- tation.
Ganjam	Aska	Mis- to	368	7	Securely fenced.	Clean and well ventilated.
Kistna	Bezváda	Gov	48	..	Safe	Good.
Godavari	Dowlaishwe- ram.		185	..	Fenced	Do.
Madras	Perambúr	Rail	4	..	Sufficiently fenced.	Do.
Tanjore	Negapatam	Sou- th	138	5	Do.	Do.
Vizagapatam	Chittivalsa	Mess- ing	66	9	Fenced	Do.
		Gun	2,727	2	Do.	Do.
		Buc.	1,573	4	Do.	Do.
		Car.	406	8	Do.	Do.
		Gun	269	7	Do.	Do.
		Gun	656	4	Do.	Do.
		Sou- th	8	2	Do.	Do.
Madras		Wt	748	2	Do.	Do.
		Hart	24	7	Do.	Do.
		Publ	429	4	Do.	Do.
		The	104	2	Do.	Do.
		Mad	480	..	Do.	Do.
		We	809	..	Do.	Do.
		Mess	235	2	Do.	Do.
		Cem	633	..	Do.	Do.
		Mess	499	4	Do.	Do.
		Mar	232	..	Do.	Do.
		lery	283	2	Do.	Do.
South Arcot	Cuddalore.		419	..	Do.	Sanitation not satisfactory, ventilation good except in witzul room.
	Vriddhachala- m.		32	..	Do.	Good.
Bellary	Bellary	Mess	266	..	Do.	Clean and pro- perly venti- lated.
	Tuticorin	Spa- ria	..	..	Properly fen- ced.	Do.
	Do.	Cotto- n	..	..	Properly fen- ced except in one place.	Well venti- lated.
Tinnevely	Pápanásam	Cotton	309	2	Securely fen- ced.	Good.
	Virudupati	Cotton P. vey and	..	..	Enclosed by wooden mate- rials.	Good.

Govt. of (1887) Madras.
JUDICIAL.

Issued

Recd.

Encl.

G.O., 21st May 1887, No. 1030.

MAY.

Factories Act XV of 1881.

Reviewing the reports on the working of the
—during the year 1886.

No. 102
Encl.

21st CURRENT NO.
Chingleput District, Collector's office,
Camp, *in this* 22 January 1887.
1090
12
DESPATCHED
25 JAN 87

FROM

C. C. Johnson Esquire
of COLLECTOR OF THE
CHINGLEPUT DISTRICT.

TO

THE *Chief Secretary to Government,*
Judicial Department,
Madras.

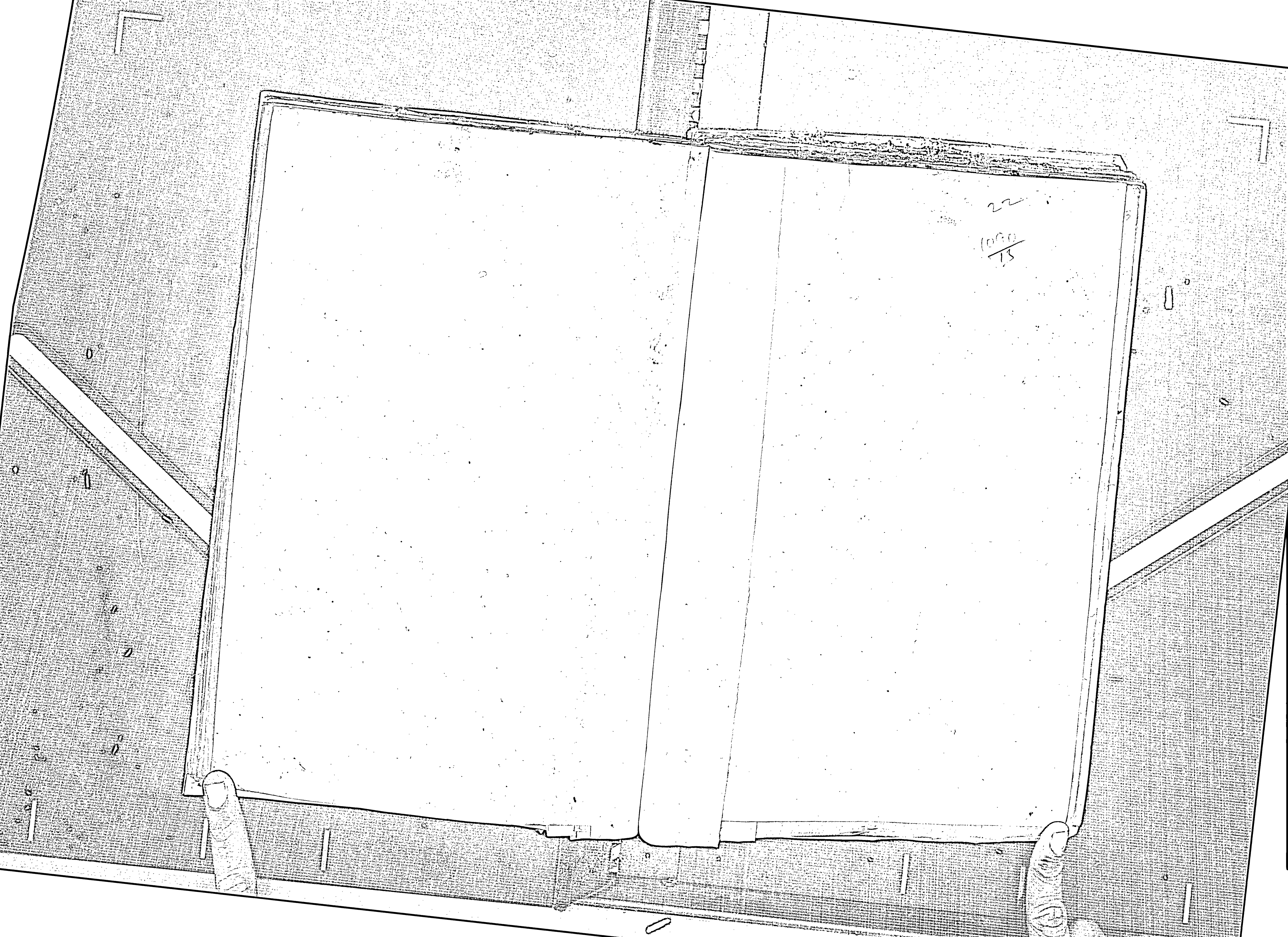
SIR,

With reference to G.O. No. 329, dated
9th February 1883, Judicial, I have the
honor to report that there are no factories
in this District that fall within the scope
of the Factory Act IV of 1881.

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

Wm. H. H.
By Mr. for A. Collector.

Copied
8th Jan



J. 4000 329-30-9-2-83-46

CURRENT NO.

FROM
THE COLLECTOR OF THE
CHINGLEPUT DISTRICT.

To
THE SECRETARY TO THE
Government
Judicial Department
BOARD OF REVENUE,
MADRAS.

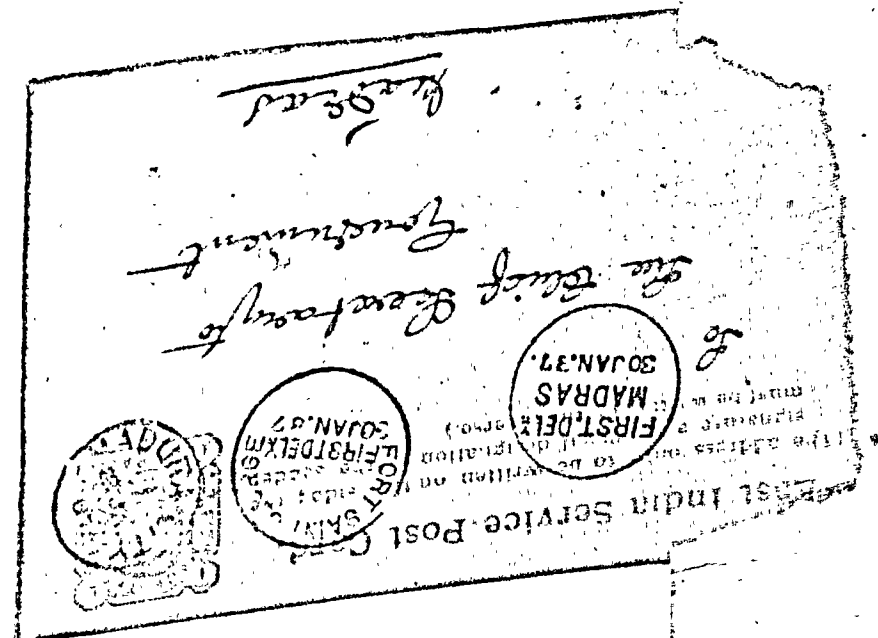
Dated *22^d*
Despatched } *January* 1887
Received }
DESPATCHED
25 JAN 87
No. *102*
ENCLOSURES.

SUBJECT.

*Reporting that there are
no factories in the Chingleput
District that fall within the
scope of the factory act of 1881.*

27/1

5317 *Per* *to 5* *1890* *Madras District*
27 January 1887
I have the honor to state that
the report on factories for the year
1886 is nil.
I have the honor to be
31 JAN 87
Per
Your most obed^t Serv^t
Thurman
Dist. Secy.



No. 03
Magte.

23-
Coimbatore District Magistrate's Office, 1063
CURRENT NO. 1090
18 March 1887
Deposited

FROM,

G. V. Leman Esq

DISTRICT MAGISTRATE OF
COIMBATORE.

TO,

The CHIEF SECRETARY TO GOVERNMENT,
JUDICIAL DEPARTMENT,
MADRAS.

SIR,

Referring to Government
order No 625 dated 5th May 1883 I have
the honor to report that there were no factories
in the District during the year 1886 falling
within the scope of the Factories Act 1881.

I have the honor to be
Sir
Your most obedient servant

G. V. Leman
District Magistrate

wa

94

1090
16

CURRENT NO. 1063

Judicial (1887) DEPARTMENT.

From,

The Collector *Dist Magistrate*
of Coimbatore.

To,

The Chief Secretary to Government,
Judicial Department,
Madras.

Refers to No. *B*
Magistrate

Dated
Received

Supd 5 } *March 1887*

No.

CHIEF SECRETARY
7 MAR 87
ENCS.

SUBJECT.

Stating that there are
no factories in the Dist
coming within the
scope of the Factory
Acts of 1881 -

1090
17
-57-

Salem District Magistrate's Office

17 March 1887

Report on Factories for the year 1886

Nil

provisional
Dist. Magistrate

To
The Chief Secretary to Government
Judicial Department

58

1900
18

CURRENT NO. 1270
Magisterial Department.

From the Collector

and District Magistrate,

Salem.

To The Chief Secretary &
the Government of Madras
Judicial Department

Dated 17 March 1887

No. 375/16
Magl

Subject.

Submitting Nil report
on Factories for the year 1886

65 (1) Sec. 81/1

Malabar Dt. Malabar's Court
on circuit

Palghat 31st March 1887.

W. 1482

From,

W. Logan Pappu
District Magistrate
of Malabar

To,

The Honble H. E. Stokes
Chief Secretary to Government
Madras.

Sir,

With reference to G. O. No. 625 dated
5th March 1883, I have the honor to
report for the information of Government
that there are no factories in this
District which fall within the scope of
the Factory Act.

I have the honor to be,

Yrs,

Your most obedient servant

W. Logan
Dt. Magistrate

56

1190
20

Judicial Department

CURRENT NO. 1520

From,
The District Magistrate
of Malabar
To, the Chief Secretary
to Government,
Madras.

On 31st March 1887
No. 1480

Reporting that there are no
factories in the District, which fall
within the scope of the Factory
Act—

Includes
factories in
the District
of Malabar
which are
not subject
to the
Factory Act

CURRENT NO. 1558 73

Trichinopoly, Collector's Office
25 April 1887

From
No. 24 1090
2
W. Austin Esq.
Collector of Trichinopoly
To,
The Chief Secretary
to Government
Judicial Department
Fort St. George.

Sir,
With reference to the orders
of Government noted in the margin,
I have the honor to report for the
information of Government that no
factories falling within the operation
of the Indian Factories Act (XV of 1851)
were at work in this District during
the Calendar year 1886.

I have the honor to be,
Sir,
Your most obedient servant
Collector

Complete

74

1090
22

CURRENT NO. 1553

1887
Judicial Department
From The Collector,
Trichinopoly.

To The Chief Secretary
to Government
Judicial Dept.
Madras

Dated 25 April 1887
Despd 25
Recd 25

No. 24
2

Enclosures.

Reporting that no
factories falling within
the operation of the Indian
Factories Act (IX of 1850)
were at work in the
District during the
Calendar year 1886

CURRENT NO. 1713

2, 52
District Magistrate
KURNOOL COLLECTOR'S OFFICE

No. 125 Kurnoob Dated 15 April 1887

Enclosure. 4

FROM

Charles Hough Esquire
Agent & Magistrate
COLLECTOR OF
KURNOOL.

TO

Chief
THE SECRETARY TO
GOVERNMENT
Judicial DEPARTMENT.

Sir,
With reference to G.O. dated
5th March 1883 no: 625 Judicial Depart.
- ment, I have the honor to state that
there are no factories in this district.

I have the honor to be
Sir
Yours most obedt servt

Chas. Hough

Acting District Magistrate

1000
24

CURRENT NO. 1713

Ind. C. (1887) Department.

FROM C. K. Raghav
THE COLLECTOR OF
KURNOOL.

TO THE CHIEF SECRETARY
TO GOVERNMENT.
with the Governor
FORT ST. GEORGE.
Stone house hill.

No. 125

Dated 1st }
Received 1st } April 1887.

Enclosure.

Subject.



Reporting that there are no
factories in the Kurnool District.

No. 3.

1090

Ar 20

CURRENT NO. 562

From

A. Suryanarayana Naidu, for
General Deputy Magistrate
of Gajipur.

To

The District Magistrate
of Gajipur.

Dated Rameswaram 6th January 1887.

Sir

I have the honor to submit
the report under the Factories Act for
the year 1886.

2. There is only one factory in
the division i.e. the Sugar Factory
of Messrs. Prichin Brothers & Co. at
Arika.

3. I inspected this factory on
four occasions in the year under
report viz: 31st March, 11th June, 31st August
and 18th December 1886.

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

5. All dangerous machinery
was securely fenced.

6. The rule as to posting up in
a conspicuous place notice of working
hours, as also rules and forms in English
and Telugu was properly observed.

7 on

7. On the whole the factory and premises are in a thoroughly satisfactory condition, and I have received every assistance in my inspections from the Managers.

8. Seven accidents were reported to me during the year. The injured persons were treated successfully in the Local Free Dispensary at Aika. A statement showing the details of each case is annexed.

Date of Accident	Name	Caste	Age	Nature of injury
1. 14 January 1886	Sasara Naik	Borik	25	Left foot injured by trash rake - caused by another Cooly while drawing cane trash from diffusion.
2. 17 February 1886	Loodda Naik	do.	25	Right foot injured by a piece of machinery in which he was engaged in hoisting, slipping on it.
3. 27 March 1886	Kaloo Swami	Kallig	40	Middle and fourth fingers of left hand slightly crushed at the ends while putting a cast iron wheel in motion.

4. 10 May 1886	Chandra Moay	Chakla	25	Lacerated wound about 3 inches long on the back of his right hand at the root of the fingers and extending up in two fingers to the first joint of them caused by putting a belt on a centrifugal driving wheel in full motion.
5. 12 August 1886	Binacka son	Sordia	24	Lacerated wound on the back of his right hand caused by putting a belt on a centrifugal driving wheel in full motion.
6. 3 October 1886	Mathoo Patro	Fisher man	35	Back of right hand slightly bruised when oiling the engine during motion.
7. 26 November 1886	Morri son	Sordia	48	Right leg was caught in one of the centrifugal belt wheels, whereby his ankle was dislocated and many cuts were made in other parts of his leg.

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

1090
27

Name of Factory	Date of inspection	No. of persons employed		Machinery whether fenced or not	Ventilation and sanitation
		Adults	Children		
Sugar Factory at Andhra	31 st March 1886	358	54	Securely fenced	Clean and well ventilated
	11 th June 1886	159	38	do	do
	31 st August 1886	474	53	do	do
	18 th December 1886	482	20	do	do

I have the honor to acknowledge
 your most obedient servant
 [Signature] A. Suryanarayana
 District Deputy Magistrate
 of Chennai

E. No. 11

Submitted to the Chief Secretary
 to Government, Judicial Department
 Fort Saint George.

Camp Rameswaram
 29th January 1887

[Signature] J. S. Hoffman
 District Magistrate

CURRENT NO. 562
Ganjam District.

(1887) DEPARTMENT.

From
THE District Magistrate.

of Ganjam.

To
THE Chief Secretary to
Government
Judicial Department
Part Secretariat

Dated 29th }
January 1887.

Received
No. 11

Encl.

Subject

Submitting report
received from the General
Deputy Collector on the
working of factories in
the Cooner division for
the year 1886. —

No. 9
20-1-87

4P 532

Kistna District Head
Assistant Magistrate Court
Bozwada dated 19th January
1887.

From,
P. Ramachandra Rao Esquire.
Acting Head Assistant Magistrate
and Inspector of Factories
Kistna District.
Bozwada.

To,
The District Magistrate.
Kistna.

Sir, I have the honor to submit my
report under the Factories Act of
1881, for the Calendar year 1886.

2 There is only one factory in the division,
viz, the Department of Public Works Workshop,
Bozwada.

3 This factory was inspected by me on
the 22nd September and by my predecessor
on 2nd February and 6th March respectively.

4 The rule as to posting up in a conspicuous place notice of working hours and holidays, as also rules and forms in English and Telugu (Vide rule ~~XXIII~~), was being properly observed.

5. The Registers under forms D and E were kept, and the Certificates given in form C by the Certifying Surgeon were pasted in a book.

6 A notice giving particulars as to the intervals for food and rest to children was also posted in front of the factory.

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

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

-A3 50²

9 No accidents were reported in the year under report. 1090
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10. I enclose a statement showing the number of persons employed at the time of inspection, and the state of the factory with reference to sanitation and ventilation.

I have the
/Signed/ P. Ramachandra Rao
Acting Head Assistant Magistrate
and Inspector of Factories.

No 95 / True Copy)

Submitted to the Chief Secretary to
Government in the Judicial Department
with reference to G. O. No 329 dated
9th February 1883.

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

District District Magistrate }
office Masulpatam }
2nd February 1883 }
(Sd/-) }
Acting District Magistrate

Statement

English

Name of the Division	Name of Factory	Number of persons employed at the time of inspection		Machinery whether powered or not	Ventilation and sanitation	Date of inspection	Remarks
		Adults	Juveniles				
Assistant Magistrate's Division	Government	181	" 3	Safe	Good	2-2-86	
	S. P. W.	194	" 4	Do	Do	6-3-86	
	Workshop Huzwana	180	" 5	Do	Do	22-9-86	

Signed / P. Ramachandra Rao
Inspector of Factories

(True Copy)

P. Ramachandra Rao
Acting District Magistrate

Kistna District Magistrate's Office.
Mansubpatam 2nd February 1887

(Signature)

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NO. 532

1887 Judicial Department
From.

The Acting District Magistrate

Kistna

To.

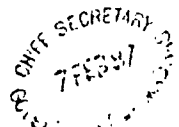
The Chief Secretary to Govt.

Judicial Department

Dated 2nd February 1887

Received

No 95



Enclosure One

Submitting the report
under the Factories Act
~~of~~ of 1881 for the
Calendar year 1886.

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Enclosure in letter 2095
dated 2nd February 1887
from the Acting District
Magistrate, Distra, to
the Chief Secretary to Govt.
Judicial Department

Statement showing the
number of persons employed
at the Factory

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[9]

CURRENT NO. 396
DEPARTMENT.

From the District Magistrate
Madurai.

No.
Dated 27th January 1887.
Received 27th
Enclosures

SUBJECT.

Rel report on Fac-
ories for the year 1886

No. 25.

Godavari District 148P
Joint Magistrate's office
Camp. Gannawaram.
1st February 1887.

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From

J. H. H. Ammett Esquire,
Ag. Joint Magistrate,
Godavari District.

To

M. A. H. Appell Esquire,
Magistrate,
Godavari District.

Sir,

I have the honor to
reply on the working of the Factories
Act XV of 1881 during the year 1886.

2. The Government workshop
at Darlishwaram is the only
factory in the Division coming
within the scope of the Act. It was
inspected by me twice during
the year. There were employed at
the factory 240 males and 3 females
at the time of my first inspection
on 10th June 1886 and 155 males
and 4 females at the second inspec-
tion on 2nd August 1886. All of them
were stated to be adults. At the time
of my inspection there were twelve
ballad boys who were all reported
to

to be over 12 years of age but three of them did not, from their appearance, seem to be so old and I, therefore, directed that unless a certificate from the Civil Surgeon was obtained that these boys were over 12 years of age. Registers in forms D and E should be opened.

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

4. All dangerous machinery was properly fenced.

5. There were no accidents during the year.

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

7. The statements prescribed by Government in their order No 1760 dated 7th July 1885 is enclosed. I have the honor to be Sir,

Your most obedient servant
(Signed) F. H. Hammett.
Ag. Joint Magistrate
(True Copy)

No 3

Submitted to Government
with Enclosures
(2) W. A. Marshall
District Magistrate
D. W. G. Louie
Deputy District Magistrate
Cocacunda 14.2.87
Cocacunda 14.2.87

Statement showing the number of persons employed at the end of the year 1886 in the Government Workshop, Sawlaichuanam.

Name of Factory	District	Number of persons employed at the end of the year 1886		Machinery used	Remarks
		Adults	Juvenile		
		Male	Female	Male	Female
Cocacunda	District	134	4	4 times	Good
Camp Gamauram 1 st February 1887 (Signed) F. H. Hammett Ag. Joint Magistrate (True Copy) D. W. G. Louie Deputy District Magistrate					

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Just 1123/87

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1128
Judicial {1887} Department.

From

The Magistrate,
Godavari District.

To The Chief Secretary
to Government

Dated 14/7/87

Despatched 4/3

Received 10/3/87

ENCLOSURES

No. 2

SUBJECT.

Submitting
the report on the
working of the
factories act of
1881, during the
year 1886.

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Report on Railway Fac-
tories for the year 1886.
1200

The two Railway
Workshops in the Presi-
dency were each inspected
three times during the
year.

2. No children are em-
ployed in any of them.
3. The machinery at
the Negapatnam works
is at present somewhat
crowded, and will remain
so until the extensions
of

of shops, now in progress,
and completed.

4. A detailed statement
of the accidents which
have taken place during
the year is herewith
submitted with a list
of factories.

5. None of the acci-
dents were serious.

M. Conner

Major, R.E.

Inspector of Railway Factories

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Detailed statement of factory accidents on the Madras and South Indian Railways for 1886

Railway	Factory	Date		Remarks
		Month	Day	
Madras Ry.	Perambur Works	March	31 st	A striker was injured by the staff bar of a steam hammer breaking and striking him.
"	"	May	8 th	A striker was injured by his thumb getting caught between a hook and the standard of the steam shears.
"	"	August	13 th	A machinist was injured by his fingers getting caught in the cog wheel of a planing machine.
"	"	October	14 th	A blacksmith was injured by a chip of iron striking him in the eye.
"	"	Decr.	6 th	A cooly was injured by a wheel running over his toe.
South Indian Ry.	Nagapattanam Works	March	30 th	A blacksmith was injured by the fall of a sledge hammer.
"	"	August	19 th	A striker was injured by one of his fingers getting between two wheels which he was pushing.
"	"	September	11 th	A cooly was injured by a piece of iron striking him on the throat.
"	"	October	18 th	A turner was injured by the handle of a crank which striking him on the eye.
"	"	"	21 st	A fitter was injured by an axle box falling upon him while it was being removed from the vehicle.
"	"	Novr.	14 th	A fitter was injured by a piece of iron striking him in the eye.
"	"	"	10 th	A cooly was injured by the wheels of a cart running over his foot.
"	"	"	29 th	A cooly was injured by falling from a ladder while putting the bell on machine.
"	"	Decr.	14 th	A cooly was injured by an iron plate which was being drilled falling on his foot.

Madras
14th February 1887

Member
19th May 1887

Inspector of Railway Stations

List of Factories

Name of District	Name of Factory	Name of persons ordinarily employed		Machinery whether forced or not	Ventilation and Sanitation
		Adults & juveniles			
		Men	Women & males & females		
Madras	Pennambur Railway Workshops	2,424	"	Sufficiently provided	Good
	South Indian Railway Co. : carriage and carriage shops	1,573	"	Do	Do
Saurashtra		57	5	12	1092
				40	

The address of
 14th February 1887
 [Signature]

Major [Signature]

Inspector of Railway Factories

Form No. 2.

39-136
CURRENT NO. 717

CONSULTING ENGINEER'S OFFICE,

Madras, 14th February 1887. ¹⁰⁹⁰/₄₁

Reports on Railway Factories
for the year 1886.

Submitted No. 52
to the Government in

the Judicial Depart-
ments, with reference
to their Proceedings,
No: 329, dated 9th Fe-
bruary 1883.

W. L. S. Major P. S.
for Engr. Secy. for Reps

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J. 40 no 329-30-9-2-83-22

Form No. 3.

From

CURRENT NO. 717

THE CONSULTING ENGINEER

FOR RAILWAYS,

CURRENT NO. Madras.

No.

52.

Dated

Received

14th } February 1887.

No. of ENCLOSURES. 3.

Subject.

Submitting a report on
Railway Factories for the year 1886.



No. 9

From,

The Deputy Magistrate and
Inspector of the Factories.
Visiawararam Division.

To,

The District Magistrate
Visiawararam.

Sir,
I have the honor to submit my report on the
working of the Chittivallasa factory for the year 1886.

2. This is a gunny factory belonging to Messrs Ar-
buthoot and Co. During the year under report I inspected
the factory three times, without giving previous notice, viz—

(1) On the 14th April between 5 1/2 to 6 1/2 P.M.

(2) ——— 4th September — 3 & 4 P.M.

and (3) ——— 22nd December — 11 A.M. & 2 P.M.

On all these occasions Mr. Innis the manager of
the factory was on the premises and rendered me all neces-
sary assistance.

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

4. The factory was closed on Sundays and also on 8 English
and 9 1/2 native holidays during the year. The working hours
were the same as stated in the report for the year 1885.

from 5 1/2 A.M. to 6 1/2 P.M., with an interval of 1/2 hours from 12 to 1 1/2 P.M. in the months of November to the end of March, and of two hours from 12 to 2 P.M. in the months of April to October, except on Saturdays, when the Engine stopped at 4 1/2 P.M. with an interval of only an hour at noon.

5. The average number of persons employed daily during the year was 691, and the number of persons at work on the dates of inspection was as follows:

Date.	Men		Women		Remarks.
	above 16	12 to 16	above 16	12 to 16	
14 th April 1886.	304	263	78	9	
4 th September 1886.	300	254	82	"	
22 nd December 1886.	316	257	70	12.	

No children under 12 years were employed in the Factory.

6. The Factory is usually white washed and cleaned once a year. This was last done in December, 1885 and completed in February 1886, and the work this year was begun on the 25th December 1886 and will, it is stated, be completed next week. The latrines were, as usual, covered by hot water that escaped from the engine and the arrangement seemed to me to answer the purpose very well.

7. The rooms of the building are properly ventilated and in no department of the factory do the workmen experience inconvenience. In the preparing room, however, there is much dust, but the workmen are accustomed to work in it with a cloth over their mouths.

8. The temperature in the working room at the

time of my inspection was as follows:—

On the 14th April, 1886 = 71°

On the 4th September 1886 = 72°

On the 22nd December 1886 = 81°

9. Wherever it was necessary or possible the machinery has been fenced and protected either by iron rails or by iron and wooden shields, so as to effectually prevent all chances of accidents. The Calender 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 now worked safely and with ease.

10. Two accidents were reported during the year under report.

(1) On the 28th July, at 11 1/2 P.M. a pariah named Kidigathai Keerigadai while employed as a hammerman, a chip of metal flew from the head of a rivet, which was being cut out of an old steam boiler, and caused a cut on the upper part of his chest.

(2) On the 14th August last, at about 2 P.M. a washerman named Leela Gattappa who had been employed as a Novor got the thumb of his right hand bruised, in opening the wheel guard of No. 1 Roving and cleaning the wheel gearing while in motion.

Both these men were sent to the Dispensary at Pimulipalam for treatment, and were soon recovered. They both returned to work on the 9th September 1886.

11. Certificates of age were granted to all young persons employed in the Factory in Form C appended to the Rules by the Civil Apothecary in charge of the Municipal Dispensary at Pimulipalam, who was appointed as certifying Surgeon under Section 5 of the Factories Act, 1881. A file of these certificates is maintained as required by Rule 20.

* Under notification dated 31-5-86 No. 240 published at page 565 of the Fort Saint George Gazette dated the 18th June 1886.

13. Registers D and E are not kept in the Factory as no children under 12 years of age were employed.

14. A notice of daily working hours has been maintained in Form "F" as required by Rule XVI, as also a list of holidays, both of which were hung up in a conspicuous part of the Office room in the Station.

15. Printed copies of the rules and forms with Lithuanian translations thereof, have also been kept on the outwalls of the office room.

16. I inspected many of the young persons employed in the Factory and they looked healthy and cheerful.

17. Registers A and B required to be kept in my office under rule 2 have been duly maintained.

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

I have the honor
to be
Yours &c
J. J. James & Charles
Deputy Magistrate and Inspector
of the Factory.

№ 290 (Грубоф)

John H. Smith

Submitted to Government for information. The two accidents mentioned were not of a serious nature.

This is the only Factory in the District falling within the scope of the Act.

Visagapatam District
Magistrate's Office, -
5 March 1897

Spencer

Deputy for District (Legislative)

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

Name of the District.	Name of Factory.	Details.	Number of persons employed at the end of the year.	Machinery whether forced or not.	Ventilation and Sanitation.
Visagapattam.	Gunny Factory at Chelluvayal.	90	257	12	Demands or otherwise protected.

Elser, Emma

(Indygarnd)

(Signed) D. Jagannadharao Deputy Director

Deputy Quartermaster
Madharan

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1887:

Judicial DEPARTMENT.

ENCLOSURE No. 1

In a letter from the Collector of Vizagapatam to
the Secretary to the Court of Wards dated 5th ^{March} 1887 No. 290

PURPORT.

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

No. 1760.7-7-85 26

CURRENT NO. 1153

1887.

Judicial DEPARTMENT.

FROM

THE COLLECTOR OF *Trichinopoly*
VIZAGAPATAM.

TO

THE CHIEF SECRETARY
TO GOVERNMENT,
MADRAS.

Dated

Received

5 } March 1887
11 }

Pudt. No. 290

ENCLOSURE 1

Submitting for the information
of Government report on the
working of the Elattimalea
Factory for the year 1886.

No. 31

City Police Office,

Madras, 31st March 1887.

CURRENT NO. 1474

From

Colonel J. Weldon,
COMMISSIONER OF POLICE,
MADRAS.

To

The Chief Secretary
to Government
Fort Saint George

Sir,

I have the honour to
forward the report of the Deputy
Commissioner of Police as Inspector
of Factories for the year 1886.
2— The only noticeable
accident was an explosion in
the sizing room of the "Carnatic"
Mills. The cause remains
unknown. Fortunately no one
was hurt and comparatively
little

little injury done to the
building.

3—The Deputy Commissioner
notices with regret the cessation
of employment formerly given
to juveniles at these Mills.

I understand however that
some of the Mills propose
to revert to the former practice
to a limited extent.

I have the honour,

Sir,

Yours most obedient servant

John

Commissioner of Police

Mas.

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From

The Commissioner of Police
Madras

To

The Chief Secretary to Govt.
Fort St George

Dated 31st March

Recd

1887.

Enclos: one

No. 31

Factories in the City of Madras

Forwards report of the
Commissioner of Police
for the year 1886 on —

34
1887
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CURRENT NO. 11774

From
The Commissioner of Police
Madras.

To
The Joint Secretary to Govt.
Fort St George

Dated 31st March 1887
Recd.

Encls: One

No 31.

Factories in the City of Madras

Forwards report of
the Dy. Commissioner of Police
for the year 1886 On —

Acting Secy

No. 28

20 MAR 87

City Police Office,

Madras, 29th March 1887.

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From
S. B. Simons Esq.
COMMISSIONER OF POLICE.

MADRAS.

To

Colonel J. Walter
Commissioner of Police

Madras.

Sir, I have the honor to report that the
factories in the City of Madras were
visited by me during the calendar year
1886, as stated below.

Name of Factory	Date of Inspection	Number of times examined.
Buckingham Mill Coy.	26-3-86, 30-8-86, 29-12-86	3
Carnatic Mill Coy.	26-3-86, 30-8-86, 29-12-86	3
Low Carriage Factory	11-5-86, 8-9-86, 21-12-86	3
Low Powder Factory	10-5-86, 25-9-86, 16-12-86	3
Southern India Spinning Machine	18-1-86, 25-3-86, 13-5-86, 15-11-86	5
Harbour Works	14-4-86, 25-8-86, 29-11-86	3
Public Works Workshops	17-4-86, 24-8-86, 10-12-86	3
The Arsenal	20-4-86, 25-8-86, 2-12-86	3
Madras United Spinning Machine	10-5-86, 31-8-86, 17-12-86	3
Wheeler's Iron Foundry	20-5-86, 27-8-86, 25-11-86	3
Cement Works	20-5-86, 27-8-86, 25-11-86	3

2. I append a list of accidents. Accidents

There were 31 accidents this year against 38 last year. Statement A shows in detail the number in each factory, how they occurred and the extent and description of the injury in each case. It will be seen from this statement that the injuries sustained in all but four cases were trivial and that none proved fatal. There was however one accident in the Carnatic Mill which but for the explosion occurring afterwards would certainly have proved fatal to some eight persons.

In the sizing room of this mill there are two sizing machines. Each machine has two cylinders made of copper and are used for drying purposes. The dimensions of the

30 27 1090
Cylinders are - diameter 6 feet and 8 feet respectively and length 92 inches. On the morning of the 27th of December 1886 while it was yet dark in the room these machines were at work & being attended to by the two natives (Sizers) in charge of them and 6 Assistants (Coolies). It is said that all of a sudden, without any apparent cause or any warning a cylinder of one of the machines burst on the uppermost side or perpendicular and knocked out of the wall four large framed glass windows, which were about 15 to 18 feet off the ground and also caused the combustion cylinder to explode. There were six persons close by at the time but only one of them got slightly cut in the foot.

The barrel or drying surface of the cylinders are as I said before made of copper, the metal being one sixteenth of an inch in thickness. The flanges with patent line clamped joints and

Constitutional Stays being made of
brought iron and the cylin- of cast
iron.

The cylinders are worked at a
pressure from 10 to 14 lbs. That at
which they are tested in England
is not known, but their indicators
register 20 lbs to a square inch.

By the arrangement of the safety
or blow-off valve, the pressure at
the time of the explosion could not
possibly have exceeded 14 lbs per square
inch. The man in charge says
that he was working at 10 lbs pressure
and no more and can give no ex-
planation as to the cause of the
accident. The manager can only
surmise that a weight of some
kind must have been carelessly placed
on the safety valve by one of the

workers in the room.

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I have examined the upper barrels &
can find no trace of a flame anywhere.
These cylinders are not made by the
makers of the machines being Howard
and Bullough, nor is it known who
made them, but I am told that they
are generally made by James Bridge
Aston. Lancashire for Messrs Howard
and Bullough and are tested by hydraulic
power before they are sent out to this
country. At the time of the explosion the
cylinders had been in constant use since
September 1885.

children.

3. The Buckingham and Carnatic Mills
which still retaining children formerly as
the registers as stated in my report for
the year 1884 object to employing such hands.
During the year 1893 (1893 says 10 girls).
children applied for employment but
were refused admission as the medical

Officer certified them to be under 12 years of age.

In 1882 when the Factory Act came into operation there were 73 children in all registered in the different factories. The following statement shows exactly how they stood year by year since then.

Statement showing the number of children employed in the year 1882.

Number	Name of Mill	Year 1882	Year 1883	Year 1884	Year 1885	Year 1886	
1	Southern India Spinning & Weaving Mill	21	"	"	"	"	8 discontinued from 1st July 1883.
2	Madras United Spinning & Weaving Mill	12	12	"	"	"	
3	Birmingham Mill	40	54	74	23	8	
4	Carnatic Mill	"	130	81	39	24	

It will be observed from the above that the Royalhams Mill (Southern India Spinning & Weaving Company) ceased to employ child labor in 1882, the Madras Mill (Madras United Spinning and Weaving Company) in 1883, and the

Birmingham & Carnatic Mills (which are worked by European managers and are under the care and direction of Messrs. Baring & Co.) in 1884. Some of the retained children having since attained age (12 years) have been transferred from the juvenile to the Adult Register. There now remain only 31 boys and one girl, who are allowed the usual holidays during the year and are well cared for.

As I said in my Report for 1886 I regret very much the discontinuance of employing children particularly in the Birmingham and Carnatic Mills. Since that year no less than 740 children as far as girls have been rejected, who if employed would have been kept off the streets and been a help to their parents. There can be no doubt whatever that boys well trained turn out good workmen and are more amenable to Mill Regulations than undisciplined adults.

1884 = 210.
1885 = 337.
1886 = 193.
740

Kirken from the City.

The following table shows the number of persons employed at the end of the year and the state of the factories in regard to sanitation and ventilation.

Name of Factory	No. of persons employed at the end of the year.				Machinery whether fenced or not.	Ventilation & Sanitation.
	Adults		Children			
	Men	Women	Male	Female		
Blackburn Mill Co.	585	71	8	"	Yes	Good
Carriatic Mill Co.	647	51	23	1	do	do
Lee Carriage Factory	628	1	"	"	do	do
Lee Powder Factory	96	8	"	"	do	do
Southern India Spinning & Weaving Mill	864	16	"	"	do	do
Harbour Works	730	79	"	"	do	do
Public Works Workshops	253	2	"	"	do	do
The Arsenal	533	"	"	"	do	do
Leather Works Spinning & Weaving Mills.	488	11	"	"	do	do
Marsey's Iron Foundry	332	"	"	"	do	do
Cement Works	194	89	"	"	do	do.

I have the honor to be,

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Sir,

Your most obedient servant.

Saml. Simpson

Off. Secy. Commissioner of Alms.

Statement A.

Name of Factory	Date of Accident	Name of Person injured	Nature of injury
Buckingham Mill	10-3-86	Venables Mary *	Right arm broken & cut over right eye by his band saws in getting his arm round a steel pulley.
"	12-6-86	Cundis Mary	Superior 2 nd finger of right hand & caused her putting it in a frame of boring frame.
"	16-7-86	Shoorey John	Right superior 6 th finger of right hand by putting it on a lathe.
"	1-8-86	Rodger Mary *	Right wrist broken by putting his hand in a square head.
Lambie Mill	14-3-86	Shank John	Went on handle of right hand by putting it between the right hand or 1 st finger of right hand by putting it in the frame while in motion.
"	28-3-86	Moore Mary	do. 2 nd finger do in turning frame while working.
"	1-4-86	Futwood John	do. in 2 nd finger of right hand by putting knee in motion.
"	15-4-86	Cunnison Mary	do. in 2 nd finger of right hand by putting knee in motion.

Carroll's	23-8-86	Carroll	Work on left hand by putting it in the engine frame.
"	24-8-86	Carroll	Work on 2nd finger of left hand by putting his finger while working in the frame.
"	24-11-86	Carroll	Work on his left fingers by putting his hands between
"	27-11-86	Carroll	Carroll & Red Bluffs while working in landing engine.
"	18-1-86	Carroll	Died on his right leg caused by explosion of
"	18-3-86	Carroll	Two engine engineers.
"	28-1-86	Carroll	Carroll for 1st point of 2nd finger of right hand while
"	5-3-86	Carroll	working at one of the timber saws.
"	16-3-86	Carroll	Shed of left hand smashed while working at the
"		Carroll	Shed of right foot by the fall of a log while working
"		Carroll	Shed left foot by the fall of a box of iron.
"	6-9-86	Carroll	Injured his right thumb while sawing timber
"	20-9-86	Carroll	Injured on 3rd & 4th fingers of left hand.
"	16-10-86	Carroll	Injured his left knee while being a wheel.
"	2-2-86	Carroll	Scalds caused by hot water from a steam pipe falling
"	2-4-86	Carroll	on the back of the man while disconnecting the pipes.
"	21-6-86	Carroll	Wounds caused by his fingers being in contact with a barrel
"	11-12-86	Carroll	Spine (back) while lifting up a barrel of powder.
"	25-11-86	Carroll	Carroll on the right leg caused by the fall of the
"	7-12-86	Carroll	Carroll on his left.
"	25-1-86	Carroll	Two fingers (right hand) caused.
"	25-2-86	Carroll	Left arm (broken) severely injured by hot machine
"	25-2-86	Carroll	while running over while in position.
"	25-2-86	Carroll	2nd & 3rd fingers of right hand have been slightly hurt by
"	14-9-86	Carroll	the fall of a log in sawmill.
"		Carroll	Cut on the left of right leg caused by a knife while working

Carroll's	23-8-86	Carroll	Work on left hand by putting it in the engine frame.
"	24-8-86	Carroll	Work on 2nd finger of left hand by putting his finger while working in the frame.
"	24-11-86	Carroll	Work on his left fingers by putting his hands between
"	27-11-86	Carroll	Carroll & Red Bluffs while working in landing engine.
"	18-1-86	Carroll	Died on his right leg caused by explosion of
"	18-3-86	Carroll	Two engine engineers.
"	28-1-86	Carroll	Carroll for 1st point of 2nd finger of right hand while
"	5-3-86	Carroll	working at one of the timber saws.
"	16-3-86	Carroll	Shed of left hand smashed while working at the
"		Carroll	Shed of right foot by the fall of a log while working
"		Carroll	Shed left foot by the fall of a box of iron.
"	6-9-86	Carroll	Injured his right thumb while sawing timber
"	20-9-86	Carroll	Injured on 3rd & 4th fingers of left hand.
"	16-10-86	Carroll	Injured his left knee while being a wheel.
"	2-2-86	Carroll	Scalds caused by hot water from a steam pipe falling
"	2-4-86	Carroll	on the back of the man while disconnecting the pipes.
"	21-6-86	Carroll	Wounds caused by his fingers being in contact with a barrel
"	11-12-86	Carroll	Spine (back) while lifting up a barrel of powder.
"	25-11-86	Carroll	Carroll on the right leg caused by the fall of the
"	7-12-86	Carroll	Carroll on his left.
"	25-1-86	Carroll	Two fingers (right hand) caused.
"	25-2-86	Carroll	Left arm (broken) severely injured by hot machine
"	25-2-86	Carroll	while running over while in position.
"	25-2-86	Carroll	2nd & 3rd fingers of right hand have been slightly hurt by
"	14-9-86	Carroll	the fall of a log in sawmill.
"		Carroll	Cut on the left of right leg caused by a knife while working

Wm. B. Searles

Wm. H. Commissioner of the

26-4-86	Liquidum aculeum
26-7-86	Abund. Phyma
12-9-86	Limnephila
3-10-86	Sawyer

Quercus laevis Spinning
X weaving mill.

1474

10

[illegible]

10

(The following text is extremely faint and largely illegible due to poor scan quality. It appears to be a list or index of names and locations.)

No: 28

District Magistrate's Office,
Cuddalore, 1090
55
31st March 1887.

From

H. P. Gordon, Esquire,
District Magistrate,
South Arcot.

T

The Hon'ble H. E. Stokes,
Acting Chief Secretary to Government,
Madras.

Sir

I have the honor, with reference to
G. O., no. 625 dated 5th May 1883 Judicial, and
para. 6 of G. O., No. 193 of the 9th February 1882,
to forward herewith reports* (with enclosures)
from the Temporary Deputy Magistrate and
Deputy Magistrate on General Duties on the work-
ing of the Factories Act XV of 1881 during the
calendar year ending 31st December 1886.

2. The only Factories falling within the definition of the Act which were in working order in this District during the year under report

report were those at Nellikuppam and Tiruvananthapuram. The latter establishment which was damaged by the floods of November 1884 was under repair during a considerable part of the year.

3. The factory at Nellikuppam was inspected by the then Assistant Magistrate (Mr. Morris) and the Temporary Deputy Magistrate on three occasions during the year. The sanitary condition of the building is reported to be good and it is well ventilated. Two accidents occurred in this Establishment during the year as shown below:-

(i) on 23rd January 1886 one Srinivasa Pillai got the palm of his right hand torn by the wheel of a machine. He was treated in the Manjakuppam Dispensary and was cured.

(ii) on the 18th August 1886 one Periamuthukistnam who was drunk at the time accidentally fell from the top of a tower 25 feet high. He died on

on the way to the Hospital.

4. The Factory at Tiruvananthapuram was twice inspected by the Deputy Magistrate and he reports that the sanitary condition was good on the first occasion but unsatisfactory on the second. From further information supplied by the Deputy Collector it would appear that the condition of the factory on this occasion was untidy rather than insanitary. The ventilation in the Witzel room is said not to be good. There were no accidents in this Establishment.

5. Statements called for in G.O. No. 1760 of the 7th July 1885 are submitted.

I have the honor to be,

Sir,

Your most obedient servant

Saruden
District Magistrate.

Mrs

7

$\frac{1070}{60}$

1887.
No.

Enclosure in letter from the ~~Collector~~ ^{of Magistrate} of South
Arcot to the Secretary to the ~~Board of Revenue~~ ^{Government},
Madras dated 31st March 1887. No. 28

From

The Temporary Deputy
Magistrate, South Arcot

To

The District Magistrate
South Arcot

Dated 5th July No. 27—1887

Subject.

Submitting his report with
3 enclosures on the working
of the Factory no. XV of
1881 during the year 1886.

Not
1535/87

1535
Judicial Report

1837.

From *St. Magistrate*
The Collector
South Arcot.
To *Chief*
The Secretary *Government*
to the Board of Revenue,
Madras.

Dated *31st* } *March* 1887.
Received *4-1-87*
No. 28
ENCLOSURE *3*
Subject.

Submitting report on
the working of the Fac-
tories Act *XV* of 1881
during the Calendar year
ending 31st December 1886

no. 27-32

Temporary Dy Mag^r 36.
Cuddalore 5th February 87

From

J. V. Narayanaiah *Agent*
Temporary Deputy Magistrate
of *South Arcot*

To

H. P. Gordon Esquire
District Magistrate of
South Arcot

Sir,

I have the honor to submit
my report on the working of the
Factories Act *no. XV* of 1881 during
the year 1886.

The *Nellikabham* Sugar
Factory & Spirit Distillery belonging
to Messrs *Parry & Co* was the only
factory that was brought to
register during the year under report.
This factory was inspected by me
and my predecessor *Mr. Morris* on
12th March 86
& August 86
on three occasions as noted in the
margin and I submit herewith
an extract from the registers

By *Tem. Dy Mag^r*
22nd Dec 86.

R & B. As a rule boys and girls below the prescribed limit of age were not employed in this factory & consequently registers in the forms D and E (Rule XV) and no file of certificates in form C (Rule XIV) were maintained during the year.

3. There were two accidents ^{x vide statements enclosed.} during the year under report as detailed below.

(1) On the 23rd January 1886 one Punaswami Pillai came in contact with the wheel of a machine with which he had business to interfere & lost his right palm torn. The injured man was immediately removed to the Municipal Dispensary at Mayasabham where he was treated & cured.

(2) On the 18th August 1886 at about 8 P.M. a man named Peria Mathakrishnan aged about 45 who was working on the top of a bone tower 25 feet high

1090-2-30
situated within the factory compound accidentally fell down and received serious wounds & some of his bones ^{were} fractured. The man was immediately sent to the hospital but died on the way. During the inquiry held by my predecessor it was found that the man was under the influence of liquor and it was in consequence of this that he fell. Due notice of these accidents was given to this office by the factory Agent as required by the Rules.

4. The Sanitary Condition of the factory premises has been good & the building has been provided with proper means of ventilation.

5. There were no prosecutions during the year.

I have the honor to be,
Sir,

Your most Obedient,
& respectful

J. M. De Jure, Magistrate

1090
ES

20 27
5 2 87

Register of Inspectors of Factories in the Cuddalore Taluk South Arcot District for the year 1886

Name of Factory in Register A	Name or Description of Factory	Name of Occupier or Manager	Date of Inspection	Number of persons at work in the dates of inspection			
				Adults	Children		
					Men	Women & Girls	Boys
1	Sugar Press Society, Re: Society and Spirits Dis: tillery	J. H. G. Gill Esquire	12 th March 1886.	142	19	"	"
1	Do	Do	2 nd August 1886.	278	47	"	"
5	Do	Do	22 nd Decem ber 1886	341	43	"	"
			8-8-87	35	"	"	"
			7 th March 1887	35	3	4	5
			Cuddalore 5 th February 1887				
			Lease by Messrs. G. & Co.				

In no 27
5:25

Statement showing the accidents occurred in the Factory at Pollaikuppam registered under the Factories Act XV of 1881. During the year 1886.

Name of the Factory & Village & Taluk	Date of occurrence	Name of the persons injured & his age	Part of the body injured & how caused	Steps taken towards the injured persons & the result of it	Remarks.
Factory of Messrs. J. & Co. at Pollaikuppam Cuddalore Taluk.	23 rd January 1886 at 11 A.M.	Chinnasami Pillai Aged 25	Right hand torn when coming in contact with a wheel of a machine	The man was removed to the Dispensary at Mangocherry where he was treated & cured	"
Do.	18 th August 1886 at 8 P.M.	Perrai Muthu Karunan Pillai Aged about 45	Received several wounds all over his body, and bones fractured by falling down from a bonnet stand which is 25 feet high.	The wounded man being removed to the hospital, on the way he died. The body was handed over to the relatives.	"
Total 2					33
Cuddalore Taluk					70
Total					1090
Cuddalore Taluk					70
Total					1090

22 88

S. Iru: Dy Magistrate 88
 Circular 22 Feb 87
 1090 348

From

J. V. Narayanaswami Esq. Magl
 Secy Dy Magistrate of
 South Arcot.

To

E. P. Gordon Esq. J. C.
 Dist. Magistrate of South Arcot.

Sir,

With reference to your letter
 no 46 dated 19: Dec. I have the honor
 to submit a statement in the form
 referred to in para 4 of the letter
 from the Dy Commissioner of Police
 printed in G. O. no. 1760 dated 7:
 July 1885 with regard to the Factory
 at Vallikubban

4 no 27
 3-287

at Vallikubban							
Name of District	Name of Factory	Number of persons employed at the end of the year				Machinery employed or not	Violation of San. Act
		Adults		Juveniles			
		Men	Women	Male	Female		
South Arcot District	Green's Paper Mill	Sugar Factory				Fixed	Good
	Sugar Factory	347	43	"	"		
	Spirit Distillery	Spirit Distillery					
	Distillery at Vallikubban	35	"	"	"		

I have the honor to be
 Sir,
 Your most Obedient Servant
 J. V. Narayanaswami
 Secy Dy Magistrate

1924

From 438

The Survey Triangle
of South Creek.

To the Survey Triangle
of South Creek.

Washed 22
Camp 22 } Feb. 87
Rd 22

Sp 38

See "

Regarding the
number of persons
employed in the
factory at
Wellingborough
at the end of last
year -

1924
69

1887.
No.

Enclosure in letter from the ^{Deputy Magistrate} Collector of South Arcot to the Secretary to the ^{Government} Board of Revenue Madras dated 31st March 1887. No. 28

From

The Deputy Magistrate
South Arcot

To

The District Magistrate
South Arcot

Dated 9th July. No. 3 — 1887.

Subject.

Submitting report ^{with 2 enclosures} on the working of the factories in his Division

SOUTH ARCOT.

No. 3.

FROM

10-35 8/1
1090
70
Deputy MAGISTRATE'S OFFICE,
Camp Pambani
9th February 1887
Kumchi N. Subbarao Pantulugam
Deputy MAGISTRATE OF SOUTH ARCOT,

TO

H. P. Gordon Esquire
District Magistrate of
South Arcot

SIR,

I have the honor to submit my report on the working of the factories in this Division for 1886.

2. Of the two factories in this Division the Sugar factory and Black Distillery of Messrs Pany and Co at Tiunnamallone was registered in 1881, but the other Sugar factory at Eravela pat has not been registered as the daily coolies employed there are considerably below 100 in number.

3. The Tiunnamallone factory was twice inspected by me during the year and a statement showing the state of the factory with reference to Sanitation and Ventilation is herein enclosed. For several months the buildings were under repairs. I have also twice inspected the Eravela pat factory and I found the buildings in repairs.

5. No accidents have been reported to me during the year.

Just 2
15.35/87

389

262

He killed me
as pretty nearly

~~1619~~

From The Deputy Brigistrate
of South Street
To The District Brigistrate
of South Beach
Dated 9th February 1847
Received.

No 3.
 See 2.
 Submitting report on the
 working of the factories
 in his district.

Received

Despatched

Dated

5

Index

SOUTH ARSCOT.

15.

МАГИСТРАТЪ ОУ

SOUTH AFRICA

ENCLOSURES
No.

Subject.

Statement showing Accidents occurred in ~~Sargan~~ Factory at
Zirindzhanavellone during the year 1886.

[illegible]

Enclosure letter
No 8
9.2.87

B Register of Inspection of Factories.

Wof. Name or factory description of factory.	Name of date on site of inspection. of 18 facts children factory. Manager inspect here was had. Found fences or sanitation work.	Ventilation Machinery and other things	Remarks.
1 Sugar factory E. J. G. 12 th April 22 at Gill's Cogen 1886. Trommancott. Agart.	Important Ventilation. 3 machines had except are fenced. in with room.	Sanitation good in the the premises of the factory. The compound is covered by the refuse of the Cogen case etc.	As a rule children below 12 are not employed. There are some machines which will have the fenced if children are employed. D & E Registers are always for want of children employed on work.
30 th Bombar 39 4 " " 1886.	3 machines are not at work.	Sanitation not satisfactory factory.	Building under construction The well by the Sudra work is in need of parapet wall, as barriers pass by it with much unsafely. W. K. - Arthelton. By W. K. - Arthelton. (True copy) W. K. - Arthelton. Deput magistrates

27.2.87

1000
79

1887.
No.

Enclosure in letter from the ~~Collector~~ ^{Deputy Magistrate} of South
Arcot to the Secretary to ~~the~~ ^{Board of Revenue}
Madras dated 31st March 1887. No. 28

From

The Temporary Deputy
Magistrate S. Arul

To

The District Magistrate
South Arcot

Dated 22nd July No. 38—1887

Subject.

Reporting the number
of persons employed in
the factory at Wellington
-am at the end of last year

Per 01 3
1535/87

1887 CURRENT NO. 1667
Magisterial Department. 1P

No. 93

Bellary
dated 28-2-87.

1090
74

From

M. R. Ry. L. A. Swami Iyer & Co.
Temporary Deputy Magistrate
of Bellary.

To

The District Magistrate,
Bellary.

Sir,

I have the honor to submit the
annual report on the working of the
Factories Act IV of 1881 for the Calendar
year 1886 together with the prescribed state-
ment.

2. The only factory registered under
the Act in the Division is the Spinning
Mill of Messrs A. Sabapathy Mudaliar & Co.
at Bellary. It was inspected by me on
the 20th August 1886 and there were no
more inspections during the year on account
of constant changes of officers. I was in
charge of the Division from 22nd March
up to 17th September during the year.

3. The number of people employed in
the

the Factory on the date of my inspection was 266 as detailed in the margin - They looked healthy and strong.

Men - 214
Women - 52
266

4. A file of certificates granted by the Civil Surgeon has been maintained.
5. No registers in Forms D and E are kept as no children are employed in the Factory.
6. Notice F in vernacular and English is suspended at the entrance of the Spinning Rooms. The working hours were from 6 A.M. to 6 P.M. with a recess of half an hour for food and rest. The boys are permitted 15 minutes rest for every four hours for recreation. Two Sundays in a month are allowed as holidays in addition to the Hindu and Mahomedan festival days.
7. Ventilation and Sanitary arrangements are good.
8. The machinery is well fenced. There were no accidents and no prosecutions during the year.

I have the honor to be &c
(Signed) L. A. Swami dyer
Inspector Dy Collector

(True Copy)

19-30
No. 386 of 11 April 1887
1040

Submitted to the Chief Secretary to Government, Madras.

2. None of the Cotton presses of Adoni and Bellary Towns which were struck off the registers in 1884 and 1885 have again become liable to inspection.

Due care shall be taken that inspection is duly performed in the current year. I joined the District in December 1886.

A. M. Vithal Rao
Distt Magistrate
Ag: Collector

11/4...
PK

1090
77

Jul 166.7/87

CURRENT NO. 1667

May 6
REVENUE DEPARTMENT

From,

with Encl.
The Collector of

BELLARY

To,

The Chief Secretary to
Government.
Judicial Dept.
Madras

Dated " } NO. 386
Despatched " } April 1887
ENCLOSURES.

Subject.

Submitting Encl. by Encl.
letter No 93 of 28.2.87.
Submitting the Annual Report
on the working of the factories
Act XV of 1881 for the Calendar
year 1886 with his remarks.

285 CURRENT NO. 1809
Timewell District Magistrate
Office dated 20 April 1887

No 358

From, J. D. Warner Esq.
District Magistrate
Timewell
To, The Honorable H. C. Stokes
Chief Secretary to Government
Fort Saint George.

Sir,
In reference to G. O. dated 5th May 1883,
No 626, Judicial, I have the honor to
submit my annual report on the working
of the Factory Act (XV of 1881) during
the Calendar year ending 31st December 1886
together with copies of reports from the
Joint Magistrate, Head Assistant Magistrate,
and several charge Deputy Magistrates.
Timewell.

2. There are in all four registered
factories in
this District
as detailed
in the margin,
the first two
lying in the joint magistrates division, the
- i. Sathorn Cotton Press Company Limited.
 - ii. Cotton Press of Darghy Pathip.
 - iii. Sathorn Cotton Spinning Factory at Orpanasam.
 - iv. Cotton Press of A. F. Harvey & Co. Virudupatti.

third, in the Head Assistant Magistrate's
and the last named, in the General Charge
Deputy Magistrate's.

3. These factories have been visited
by the respective Inspectors during
the year under report as shown in the
following table.

No.	Names of Factories.	Date of inspection	Number of inspected	Remarks
1	Tutorin Cotton Press Company Limited...	25 th June, 28 th October,	3	
2	Cotton Press of Darley Butter Works...	22 nd December.	3	
3	Cotton Spinning Factory, Papana...	14 th June, 3 rd September,	3	
4	Cotton Press of A. & J. Marney of Vindapali.	1 st December.	3	

4. Besides the above registered factories
there are others in the Joint and General
Charge Deputy Magistrate's divisions which
do not fall within the scope of the Act
as the number of hands employed in
each is below 100. However, they also
are being visited and watched by the
Inspectors to see whether they come within
the definition of a 'factory'.

5. The subjoined statement shows the
number of persons employed on the date
of each inspection and the state of the
factories with reference to sanitation and
ventilation.

No.	Name of Factory	Date of inspection	Number of persons employed				Machinery whether fenced or not.	Ventilation and Sanitation.
			adults	children	males	females		
1.	Tutorin Cotton Press Company Limited	25-6-86	"	"	"	"	} Properly fenced	Clean and properly ventilated.
		28-10-86	"	"	"	"		
		21-12-86	"	"	"	"		
2.	Cotton Press of Darley Butter Works (Tutorin)	20 -	"	"	"	"	89, 80, 81 in one place which is slightly damaged	80 -
3.	Cotton Spinning Factory, Papanasani	4-6-86	247	77	"	"	} severely fenced.	insufficiently
		3-9-86	236	58	"	"		
		21-12-86	240	70	"	"		
4.	Cotton Press of A. & J. Marney of Vindapali	"	"	"	"	"	Enclosed in a good enclosure.	6

6. The number of hands employed in the
first two factories at each inspection
was unfortunately not recorded by the
Joint Magistrate. He has been directed
to supply the omission in future reports.
We state that the machinery of Messrs.
Darley Butter Works is properly fenced, except
in one place which is still slightly dangerous,
though something has been done since last report.

to guard against accidents. We have been directed to insist on the remedying of this. The General Charge Deputy Magistrate in whose division the Cotton Factory of A. & F. Muncey & Co. has joined the division only in July last after work in the factory had ceased. We have therefore only been able to report that the buildings are clean and in good order, as he did not see the hands at work.

7. No children under 12 years of age were employed in any of the factories during the year under report.

8. Two accidents occurred in the Spinningmill Factory at Papanasam, one fatal and the other slight, the particulars of which are given in the 7th Para of the Head Assistant Magistrate's report. They were duly reported at the time to the Head Assistant Magistrate

61 4P
as required by the rules. The other factories were free from accidents.
9. There were no prosecutions under the Act during the year under report. 1092

I have the honour to be,
Sir,
Your most obed^t & dut^y
J. Swamy
District Magistrate

1000
87

Enclosure in a letter
from the District Magistrate
Simswally to the Chief
Secretary to Govt.
of 20-4-87 No 358

Recd. 1809/87

12 5 87
District Magistrate
Office Dated 20th January 1887

No 8.

Encls: 3.

From, E. C. Rawson Esqre
District Magistrate,
Simswally
To, The District Magistrate,
Simswally

Sir,

I have the honour to submit my report on
the working of the Factory Act (No. XV of 1881)
in my division for the year 1886.

2. No new factory was started in this
division during the year. The only factory
existing is the Cotton Spinning mill, belonging
to the Simswally Mills Company at Paparawan,
reported on in my last report.

3. I have inspected this factory on three
occasions during the year; viz on the 4th
June; the 3rd September, and the 21st
December.

The number of persons working in the mill
on the dates of inspections were as follows:

	Adults - Males	Children - Males & Females	Total
4 th June	247	77	324
3 rd September	236	58	294
21 st December	210	70	310

4. No children under 12 are employed at this
factory now.

5. The rules, schedule &c are conspicuously

posted in the factory as required by the rules.

6. The machinery is securely fenced, and the building is well ventilated.

7. Two accidents occurred during the year; one fatal and the other a slight one. The latter accident occurred on the 17th February 1886, when a lad aged 14, named Govindan put his arm between two tin Rollers, while they were in motion; the result being that the skin of his right arm was partially scraped off.

The fatal accident occurred on the 9th November; when a workman named Appathian, aged 28, was caught by a belt while unhooking it from a shaft; and carried up to the ceiling, whence he fell on the floor. His left arm was broken and he sustained internal injuries, which resulted in his death in the Ambasamudram Hospital on the 12th November. The accident was entirely caused by the fault of the deceased, who had no business to touch the strap at all.

8. These accidents were reported to me

at once as required by the rules.

9. No prosecutions were instituted during the year.

10. The condition of the mill is in every way satisfactory.

Shaw. to
(Signed) E. C. Rawson
District Magistrate
Inspector of Factories.

(In. C. S. R.)

J. S. S. S.
District Magistrate

8/11/86

Indl. 1009/87

Enclosure in a letter
from the Distⁿ Magte
Sunderbly to the
Chief Secretary to
Gov^t of 20-4-87
No 358

Register of factories in the Madras Agricultural Provinces Division ^{Sum A} ^{Summally}

Serial number	Village and factory in which situated	Name and description of factory	Name of proprietor or manager or occupier	No of persons ordinarily employed		Nature of business	Dates of inspection
				adults	children		
1	Papanasam	Summally Cotton Refr ^y Ambrosam & Co's Dun Salts Company Limited	A. Karay S. Karay S. Karay	241	68	Wardenhouse workshop by two in turbines in 250 lbs each	14 June 1886. 30 September 1886. 29st December 1886

20-1-87.

(Sunderbly)

Signed J. C. Rawson
District Magistrate
Sunderbly

1090
84

Indle 1887/27
8

Register of Inspections of Factories in the Head Assistant Registrar's Division, Tinnelly during 1887.

No of Factory in Register A	Name & description of Factory.	Name of occupier or manager.	Date of inspection	No of persons at work on date of inspection		
				adults	Children	
				men	women & males	Females.
1	Tinnivally Hills Company Limited.	Mr A. Harvey	4-6-86.	247	77	"
			3-9-86	236	58	"
			21-12-86	240	70	"

20-1-87.

(Seal)

(Signed) E. C. Rawdon
Edmund Rawdon & Inspector
of Factories.

J. Tinnelly
District Registrar

Ed
Tinnelly

Jud. 1209/87
7

List of accidents that occurred in the factories in the years 1886-1887
Garrison Summary during 1886

Name	Crack	Sex	Age	Nature of injury
1. Govindan	Wound	male	14	skin partially scraped off right arm.
2. Appasam	do	do	18	left arm broken and internal injuries which proved fatal.

20-1-87.

(Signed) E. C. Rawson

Ad. as to the
Inspector of factories

(Signed)

J. S. S. S. S.
District Magistrate

9

1090
16

87 10 8
Simivelly General Charge Deputy Magistrate
Office dated 7th February 1857

No 36.

From, The General Charge Deputy Magistrate
Simivelly
To, The District Magistrate
Simivelly

Sir,
I have the honor to submit my report on
the working of the Factories in my division
during the year 1856 together with the
usual statements.

2. I joined this Division in July last. On
all the three occasions I visited Virudupatti,
there was actually no work carried on in the
factories, the Cotton season having been
almost over; and I could not therefore
inspect any of them while work was going
on, but merely saw the buildings to which
were found to be in poor condition. No accidents
have been reported to have occurred during
the year under report.

I have &
(Signed) R. Anantaramaier
Deputy Magistrate
(Enc 1/1)

J. Lawrence
District Magistrate

Recd. 1809/57
6

June 1809/87
2

Enclosure in a
letter from the Dist^l
Magte Sinnerally to
the Chief Secretary
to Gov^t of 20-4-87
No 358

Accidents in the year 1886 in factories in the several charge of registered Sinneros
Sinnerally District

Name of factory	Date of accurrence	Name of person injured	Nature of injury
1. Southern India Press Company Limited, Pondicherry	None reported during the year		
2. A. & Harvey at so			
3. A. & Harvey at Vacher			
4. Cotton Pressing Company (Limited) Messrs Dymco & Co. Factory Wandypati			

4-2-87

(Enclos)

(Signed) R. Montanara
Deputy Magistrate

1090

J. Sinner
District Magistrate

Feb. 1889/87
 4

List of factories in the Fiscal Charge Deputy Magistrate Division, Sumbel District for
 the year 1886.

Name of District	Name of Factory	No of hands employed	No of machines or other power	Ventilation	Remarks
Sumbel District	1. Southern India Press Company Limited, Vindrapati.	24 hands employed through the year 37 or	Fenced by walls	Good.	
	2. A. & W. Marney & Co. Vindrapati.		enclosed by wooden materials.	or	
	3. A. & W. Marney & Co. Vindrapati.	17 or	Fenced	or	
	4. Cotton Pressing Company (Limited) Vindrapati.	10 or	Fenced by walls.	or	
		10	10	10	

7-2-87.
 (Enclosed)
 Signed R. Anantaramaiah
 Deputy Magistrate
 Sumbel District
 12/10/87

138
Simeivally Joint Magistrate's Office
Dated 3rd March 1887.
No. 44.

From, The Joint Magistrate of
Simeivally
To, The District Magistrate
Simeivally

Sir,
I have the honor to submit my annual
report on the working of the Factory Act
for the Calendar year 1886.

2. The two factories noted in the margin
(a) Intecorn Cotton Press were under
Company Limited supervision and
June 25, October 28, & December 20
(b) Darby Butler and Co. they were inspected
Jan. 25, October 28 & December 20
by me on the dates

entered opposite each.

3. No children under 12 were employed
in the factories nor was there any
accident during the year.

4. The premises of both factories are
kept clean and the buildings properly
ventilated. The machinery is properly fenced
except one place in Darby Butler and Co.
which is still slightly dangerous, though
something has been done since last report
to guard against accidents.

Indl. 1809/87
3

5. Nothing else. Calling for remarks
was observed.

6. The other Cotton Presses at Tataber
(1) of Messrs Volkart Brothers (2) of
Messrs Gaddam Bythal & Co and (3) of
Mr Henry Kemp Walsh were visited by
me. As the number of persons employed at
each was below 100 no steps were
taken to bring them under the Act.

I have to
(signed) W. M. Thorburn,
M. J. Magistrate

(Enc copy)

J. Subramaniam
District Magistrate

210
me

72

1090
91

Judicial Department
CURRENT NO. 1809

1887
Tinnevely District Office

From
The District
Tinnevely.

To
The Chief Secretary to
Government,
Fort St. George

Dated 20th April 1887
Received
S. Enclosure
No. 358
ENCLOSURE 3
Subject

Submitting Report
the working of the
Trading Act
during the calendar
ending 31st December 1886

59-12
1090
92

Michael - Reporting that there are no
factors in the District

From the Mr. Michael - 22/1/87 No. 102
Madura - 27/1/87 No. 5
Bombay - 1/3/87 No. B
Calcutta - 17/3/87 No. 376
Madras - 31/3/87 No. 1480

print fully
with enclosure.
H. S. Chatterjee 532
562
717
1183.
1128
1474

Jud L.O. No 1090
of 21st May 1885.

~~The Collectors of~~
The District Magistrates of

Depd of

- 90-
- 1040
- Anantapur.
 - North Arcot, Chittoor.
 - South Arcot, Cuddalore.
 - Bellary.
 - South Canara, Mangalore.
 - Chingleput, Saidápet.
 - Coimbatore.
 - Cuddapah.
 - Ganjam, Chatrapur.
 - Godávari, Cocanada.
 - Kistna, Masulipatam.
 - Kurnool.
 - Madras (when necessary).
 - Madura.
 - Malabar, Calicut.
 - Nilgiris, Ootacamund.
 - Nellore.
 - Salem.
 - Tanjore.
 - Tinnevelly.
 - Trichinopoly.
 - Vizagapatam.

Proceedings of the Madras Government.

Read: -

File of Reports

Order 21 May / 27.5.1090

The foregoing reports on the working of the Factories Act (XV of 1881) during the year 1886 show that the number of factories falling under the provisions of the Act remained unchanged during the year; the total number was 24, as in the preceding year, and of these 12 were situated in the districts and the rest in the City of Madras, as shown in the Appendix.

half hour

2. On the whole the reports now submitted are satisfactory and call for remarks in two cases only.

3. In Tirunelveli it is observed that the Joint Magistrate omitted on each of his inspections to note the number of hands employed. Such an omission,

in regard to one of the most obvious points which should engage an inspecting officer's attention, is inexcusable. The defective fencing of machinery at Messrs Darley, Butler & Co's factory should not be allowed to continue. No information is required by Government regarding factories not falling under the Act. The General Charge Dy Collector will, therefore, be instructed not to include such factories in his returns in future, and his attention should be directed to the remarks made in paragraphs 4 and 6 of G.O. 3181 May 1886, N° 1435. The notation in the register of the cotton press at Vindupati is irregular if, as shown in one of the enclosures to the Deputy Collector's report, the average number of hands employed was only 24. The District Magistrate will call for a report on this point from the Dy Collector.

4. In the South Arcot returns

sect

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it seems doubtful whether the Sugar factory at Perumanna-mallur is rightly retained on the register. The number of hands found at work on both the days of inspection by the Dy. Collector was considerably under the figure (100) which would bring the factory within the operation of the Act, but this may have been due to the buildings having been under repair, as stated in the Report during a considerable part of the year. The District Magistrate will state in his next report whether the factory falls under the definition in Section 2 of the Act or not.

5. 58 accidents are reported to have occurred during the year against 77 in the year previous. The number (7) that occurred in the factory at Aska is unusually large, and probably indicates some want of careful supervision. The attention of the Inspector will be specially directed to this point, and it should be referred

to in his next report. It is observed with regret that two accidents proved fatal. In one of these at the Nelli-Kuffam Sugar factory, a man was killed by a fall from the top of a tower 25 feet high. It is stated that the accident was due to the man being drunk, and it appears unsatisfactory that a man in a state of intoxication should have been allowed to be at work. In the second case, which occurred at the Papanassum Mill in Tinnevely a lad, aged 18, was caught by a belt which he was attempting to unloose from a shaft, and was carried up to the ceiling whence he fell to the floor, breaking his left arm and sustaining such severe internal injuries that he died in hospital. The accident is, however, stated to have been entirely due to the deceased's own action in touching the belt, which he ought not to have done.

1592

6. Inspections were generally good in all districts and fulfilled, as a rule, the prescribed conditions, except in Bellary, where the omission of the Inspector ^{to inspect} by which the single factory on the register was only ^{more than} inspected once during the year, is not sufficiently explained. The Mill in question is situated in the town of Bellary, and could without difficulty have been visited ^{at least three times previous} within the limit fixed in Rule 7 of the Rules framed in G.O. dated 9th February 1882, N^o. 193. The Temporary D^r Magistrate who submitted the annual report was in charge of the division in which the factory is situated for 6 months out of the year and there is no excuse for his neglect to inspect the Mill Officer. The D^r Magistrate will see that this duty is not neglected in future.

7. The submission of Forms A and B by the D^r Magistrate of Tinnevely and South Arcot together with the reports of the

Inspection is not required.
It will be sufficient if with
the list of accidents the
Statement referred to in para
7 of G.O. 7th July 1886
No. 1760 is furnished.

8. The Dy Commissioner of
Police, Madras, notices
with regret, the discontinu-
ance of "child" labor in the
Mills under his inspection,
as depriving a large number
of children of employment,
which would have kept them
out of the streets. The same
result appears to have fol-
lowed the introduction of the
Act in all parts of the Presi-
dency, and from every district,
even Kistna, it is reported
that no children under 12
years are now employed.
Section 7 of the Act restricts
the daily employment of chil-
dren to nine hours and
requires certain intervals
being allotted for food and
rest and it is probable that
these restrictions, which
have not met with the

all other children
classed as 'adults'.

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affairs of mill-owners and
which perhaps cannot be worked
without inconvenience, have
led, to the general discontinu-
ance of "child" labour since
the introduction of the Act.
9. Column 4 of the Statement
showing the results of in-
spections will only be filled
up in cases where children
between 7 and 12 years of
age are employed. The
word "children" should be
employed in accordance
with the phraseology of the
Act, and not the term
"juveniles". The use of the
in the returns now sub-
mitted is inaccurate.

To All St. Mag's 168 Depd 6/6
The P. M. Dept 14
Cons of En. & P. W. 31
Comm of Police 6
9 sep 6/6.

11/5

Industrial Department

Report on Factories
for 1886

Name of District		Name of Factory	Hands Employed	No. of Machines	Machinery Whether fenced or not,	Ventilation & Sanitation
Gaujam	Ashta	Mitchin Bros Sugar Factory	Adults 368 Juwiles 48	7	Securely fenced	Clean and well Ventilated
Kistna	Bezarda	Gort Workshops	Adults 185 Juwiles 4	.	Safe	Good.
Godavari	Dordhishwarra	. do .	Adults 138 Juwiles 66	.	Fenced	do.
Maaras	Perambur	Railway workshops	Adults 2727	5	Sufficiently fenced	do.
Tanjore	Nagapattam	S.R. Locomotive and Carriage Shops	" 1573	9	do.	do.
Vingapattam	Chittavalasa	Messrs. Ananthanot & Co's Gumming Factory	Adults 406 Juwiles 269	2	Fenced	do.
Madras	Chittavalasa	Buckingham Mill Co	Adults 658 Juwiles 8	4	do.	do.
		Carimatic Mill Co.	Adults 748 Juwiles 24	8	do.	do.
		Gun Carriage Factory	Adults 429	7	do.	do.
		Gun Powder Factory	" 104	4	do.	do.
		South Indian Spinning and weaving Mill	" 480	2	do.	do.
		Harbours Works	" 809	.	do.	do.
		P.W. Workshops	" 235	2	do.	do.
		The Arsenal	" 533	.	do.	do.
		Madras United Spinning and weaving Mill	" 499	4	do.	do.
		Mafep's Iron Foundry	" 232	.	do.	do.
		Cement Works	" 283	.	do.	do.
		S. Arcot	Cuddalore	Messrs. Parry & Co's Sugar Manufactory & Spirit Distillery at Melakuppam	" 419	2
Viduthallem	do - at Tiruvannamalai		" 32	.	do.	Sanitation not Satisfactory. Ventila- tion in Work room Good.
Bellary	Bellary	Messrs. Sabapathy & Co's Spinning & Weaving Mills	" 266	.	do.	Clean & properly ventilated
	Tuticorin	Tuticorin Cotton Press Co.			Properly fenced	do.
Tinnevely	"	Cotton Press of Darley Brothers			Properly fenced except in one place	do.
	Papavimasam	Cotton Spinning Factory	" 309	2	Securely fenced	Well ventilated
	Viduthupatti	Cotton Press of A. & J. Harvey & Co.			Enclosed by wooden materials	Good.
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ORDINARY, PRINTED.

Int DEPARTMENT
DATED 21 May 87
No. 1090

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Copy sent to Press 23/5
Forwarded for signature 2/6
Delivered to printer 8/6

[Despatch Abstract.]

xxv of 1881

Miss Act (Reviewing the
on the working of the
- during the year 1886