Govt. of {1896} Madras.

JUDICIAL.

Issued

Recd. Encl.

G.O., No. 1075, 29th June 1896.

JUNE.

**Indian Factories Act.**

Reviewing reports on the working of the — in this Presidency during 1895.

No 2273 W dy 10 August 1896

Communicated to officers concerned.

2. The attention of the Chairman Madras Harbour Trust Board is invited to the Medical officer's suggestion with respect to the improvement of the water supply at the harbour works.

(Sd) D. Mc. N.C
W.

To
The Supt.s Engineers
I. II & V Circles
Chairman, M. H. T. Bd

| Name of District. | Number of factories within the scope of the Act. | | | | | | | | | | | | | | | | | | Number of factories entered in cols. 2 to 16. | | | Numb in | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cotton Mills. | Jute Mills. | Woollen Mills. | Paper Mills. | Breweries. | Flour mills. | Cotton cleaning Factories. | Cotton Presses. | Jute Presses. | Leather Works. | Iron Works or Foundries. | Sugar Works. | Printing Presses. | Coffee Works. | Cement Works. | General Engineering Workshops. | Tile Works. | Other Factories within scope of Act. | Total, columns 2 to 15. | In which steam power is used. | In which steam power is not used. | Total, columns 17 and 18. | Inspe th | |
| | | | | | | | | | | | | | | | | | | | | | | Once only. | Twice (but not three times). |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 14 (*a*) | 14 (*b*) | 14 (*c*) | 14 (*d*) | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 1. Anantapur .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 3 | .. | 3 | .. | .. |
| 2. North Arcot .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | 3 | .. | .. | 3 | 1 | 2 | 3 | .. | 1 |
| 3. South Arcot .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 2 | .. | 2 | .. | .. |
| 4. Bellary .. | 2 | .. | .. | .. | .. | .. | .. | 4 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 7 | 6 | 1 | 7 | .. | 3 |
| 5 South Canara .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. |
| 6. Chingleput .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | .. | 1 |
| 7. Coimbatore .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 4 | 4 | .. | 4 | 1 | .. |
| 8. Ganjám .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 | .. |
| 9. Gódávari .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 2 | 2 | .. | 2 | .. | .. |
| 10. Kistna .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | .. | 1 | .. | .. |
| 11. Madras .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | 2 | .. | 1 | 4 | 1 | 6 | 26 | 22 | 4 | 26 | 1 | .. |
| 12. Madura .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 2 | 2 | .. | 2 | .. | .. |
| 13. Malabar .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 4 | .. | 7 | 7 | .. | 7 | 1 | .. |
| 14. Nilgiris .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | .. | .. |
| 15. Salem .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | .. | .. |
| 16. Tanjore .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | .. | .. |
| 17. Tinnevelly .. | 3 | .. | .. | .. | .. | .. | 1 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | 7 | 2 | 9 | .. | 1 |
| 18. Trichinopoly .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | .. | 1 | .. | .. |
| 19. Vizagapatam .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 2 | 2 | .. | 2 | .. | .. |
| Total .. | 12 | 1 | .. | .. | 1 | .. | 1 | 13 | .. | .. | 16 | 3 | 2 | 2 | 1 | 10 | 6 | 7 | 75 | 66 | 9 | 75 | 4 | 6 |

* One Rice factory, one

# FORM II.

Statement accompanying the Annual Provincial Report on the working of the Factories Act during 1895.

*Madras Presidency.*

Columns 2 to 16: Number of factories within the scope of the Act.

| Name of District. | Cotton Mills. | Jute Mills. | Woollen Mills. | Paper Mills. | Breweries. | Flour Mills. | Cotton cleaning Factories. | Cotton Presses. | Jute Presses. | Leather Works. | Iron Works or Foundries. | Sugar Works. | Printing Presses. | Coffee Works. | Cement Works. | General Engineering Workshops. | Tile Works. | Other Factories within scope of Act. | Total, columns 2 to 15. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 14 (a) | 14 (b) | 14 (c) | 14 (d) | 15 | 16 |
| 1. Anantapur .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | *.. | 3 |
| 2. North Arcot .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | .. | 3 |
| 3. South Arcot .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 2 |
| 4. Bellary .. | 2 | .. | .. | .. | .. | .. | .. | 4 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 7 |
| 5. South Canara .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| 6. Chingleput .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 |
| 7. Coimbatore .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 4 |
| 8. Ganjám .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 |
| 9. Gódávari .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 2 |
| 10. Kistna .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| 11. Madras .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | 2 | .. | 1 | 4 | 1 | 6 | 26 |
| 12. Madura .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 2 |
| 13. Malabar .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 4 | .. | 7 |
| 14. Nilgiris .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| 15. Salem .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 |
| 16. Tanjore .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 |
| 17. Tinnevelly .. | 3 | .. | .. | .. | .. | .. | 1 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| 18. Trichinopoly .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| 19. Vizagapatam .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 2 |
| Total .. | 12 | 1 | .. | .. | 1 | .. | 1 | 13 | .. | .. | 16 | 3 | 2 | 2 | 1 | 10 | 6 | 7 | 75 |

Columns 17 to 19: Number of factories entered in cols. 2 to 16. Columns 20 to 26: Number of factories entered in columns 2 to 16. Columns 27 to 33: Average daily number of operatives employed in the factories entered in columns 2 to 16.

| Name of District. | In which steam power is used. | In which steam power is not used. | Total, columns 17 and 18. | Inspected during the year: Once only. | Twice (but not three times). | Three times. | More than three times. | Total, columns 20 to 23. | Not inspected during the year. | Total, columns 24 and 25. | Adults: Males. | Adults: Females. | Adults: Total. | Children: Males. | Children: Females. | Children: Total. | Total, columns 29 and 32. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
| 1. Anantapur .. | 3 | .. | 3 | .. | .. | .. | 3 | 3 | .. | 3 | 148 | 155 | 303 | 9 | 9 | 18 | 321 |
| 2. North Arcot .. | 1 | 2 | 3 | .. | 1 | 2 | .. | 3 | .. | 3 | 413 | 2 | 415 | .. | .. | .. | 415 |
| 3. South Arcot .. | 2 | .. | 2 | .. | .. | 1 | 1 | 2 | .. | 2 | 756 | 45 | 801 | .. | .. | .. | 801 |
| 4. Bellary .. | 6 | 1 | 7 | .. | 3 | .. | 3 | 6 | 1 | 7 | 485 | 227 | 712 | 52 | 16 | 68 | 780 |
| 5. South Canara .. | 1 | .. | 1 | .. | .. | .. | 1 | 1 | .. | 1 | 92 | 49 | 141 | 4 | 3 | 7 | 148 |
| 6. Chingleput .. | 1 | .. | 1 | .. | 1 | .. | .. | 1 | .. | 1 | 2,983 | .. | 2,983 | .. | .. | .. | 2,983 |
| 7. Coimbatore .. | 4 | .. | 4 | 1 | .. | 1 | 2 | 4 | .. | 4 | 588 | 184 | 772 | 246 | 7 | 253 | 1,025 |
| 8. Ganjám .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | 1 | 467 | 1 | 468 | .. | .. | .. | 468 |
| 9. Gódávari .. | 2 | .. | 2 | .. | .. | .. | 2 | 2 | .. | 2 | 234 | 58 | 292 | 9 | 5 | 14 | 306 |
| 10. Kistna .. | 1 | .. | 1 | .. | .. | .. | 1 | 1 | .. | 1 | 193 | .. | 193 | 1 | .. | 1 | 194 |
| 11. Madras .. | 22 | 4 | 26 | 1 | .. | 24 | 1 | 26 | .. | 26 | 9,660 | 360 | 10,020 | 495 | 10 | 505 | 10,525 |
| 12. Madura .. | 2 | .. | 2 | .. | .. | 1 | 1 | 2 | .. | 2 | 807 | 204 | 1,011 | 385 | .. | 385 | 1,396 |
| 13. Malabar .. | 7 | .. | 7 | 1 | .. | .. | 6 | 7 | .. | 7 | 1,174 | 542 | 1,716 | 45 | 1 | 46 | 1,762 |
| 14. Nilgiris .. | 1 | .. | 1 | .. | .. | .. | 1 | 1 | .. | 1 | 66 | .. | 66 | .. | .. | .. | 66 |
| 15. Salem .. | 1 | .. | 1 | .. | .. | 1 | .. | 1 | .. | 1 | 60 | .. | 60 | .. | .. | .. | 60 |
| 16. Tanjore .. | 1 | .. | 1 | .. | .. | 1 | .. | 1 | .. | 1 | 2,449 | .. | 2,449 | .. | .. | .. | 2,449 |
| 17. Tinnevelly .. | 7 | 2 | 9 | .. | 1 | 1 | 5 | 7 | 2 | 9 | 1,482 | 624 | 2,106 | 309 | 119 | 428 | 2,534 |
| 18. Trichinopoly .. | 1 | .. | 1 | .. | .. | .. | 1 | 1 | .. | 1 | 336 | .. | 336 | 8 | .. | 8 | 344 |
| 19. Vizagapatam .. | 2 | .. | 2 | .. | .. | 2 | .. | 2 | .. | 2 | 1,580 | 92 | 1,672 | 29 | 2 | 31 | 1,703 |
| Total .. | 66 | 9 | 75 | 4 | 6 | 34 | 28 | 72 | 3 | 75 | 23,973 | 2,543 | 26,516 | 1,592 | 172 | 1,764 | 28,280 |

Columns 34 to 37: Number of factories entered in columns 2 to 16 worked mainly by. Columns 38 to 43: Number of factories entered in columns 2 to 16. Columns 44 to 47: Number of accidents during the year in factories entered in columns 2 to 16.

| Name of District. | Shifts or sets. | Midday stoppages. | Otherwise. | Total, columns 34 to 36. | On which a general holiday is ordinarily given: On Sundays. | On varying week-days. | Exempted: Under section 5 (B) (2) (c). | Under section 5 (B) (2) (d). | Worked "otherwise," i.e., not falling under columns 38 to 41. | Total, columns 38 to 42. | Fatal. | Serious. | Minor. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 1. Anantapur .. | .. | 3 | .. | 3 | (a) 3 | .. | .. | .. | .. | 3 | .. | .. | .. | .. |
| 2. North Arcot .. | .. | 3 | .. | 3 | 3 | .. | .. | .. | .. | 3 | .. | 1 | .. | 1 |
| 3. South Arcot .. | .. | (b) 2 | .. | 2 | 1 | 1 | .. | .. | .. | 2 | .. | .. | 11 | 11 |
| 4. Bellary .. | 1 | 3 | 1 | (c) 5 | 4 | 1 | .. | .. | .. | (c)5 | .. | .. | .. | .. |
| 5. South Canara .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| 6. Chingleput .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | .. | 1 | .. | 3 | 3 | 6 |
| 7. Coimbatore .. | 1 | (d)3 | .. | 4 | (e) 4 | .. | .. | .. | .. | 4 | .. | .. | 1 | 1 |
| 8. Ganjám .. | (f) 1 | .. | .. | 1 | .. | .. | 1 | .. | .. | 1 | .. | 3 | .. | 3 |
| 9. Gódávari .. | .. | 2 | .. | 2 | 2 | .. | .. | .. | .. | 2 | .. | .. | .. | .. |
| 10. Kistna .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | .. | 1 | .. | 2 | .. | 2 |
| 11. Madras .. | .. | (g) 26 | .. | 26 | 26 | .. | .. | .. | .. | 26 | 3 | 12 | 133 | 148 |
| 12. Madura .. | .. | 2 | .. | 2 | (h) 2 | .. | .. | .. | .. | 2 | .. | .. | 2 | 2 |
| 13. Malabar .. | .. | (i) 7 | .. | 7 | 7 | .. | .. | .. | .. | 7 | .. | .. | 9 | 9 |
| 14. Nilgiris .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| 15. Salem .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| 16. Tanjore .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | .. | 1 | .. | 9 | 4 | 13 |
| 17. Tinnevelly .. | 1 | 7 | .. | (j) 8 | 8 | .. | .. | .. | .. | 8 | .. | 6 | 4 | 10 |
| 18. Trichinopoly .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| 19. Vizagapatam .. | .. | 2 | .. | 2 | 2 | .. | .. | .. | .. | 2 | .. | 1 | 11 | 12 |
| Total .. | 4 | 67 | 1 | 72 | 69 | 2 | 1 | .. | .. | 72 | 3 | 37 | 178 | 218 |

Columns 48 to 59: Number of persons convicted during the year in respect of factories entered in columns 2 to 16.

| Name of District. | Under section 15 (1) of the Factories Act, clauses (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total, (a) to (i). | Under section 15 (2) of the Factories Act. | Total, columns 57 and 58. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 |
| 1. Anantapur .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 2. North Arcot .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 3. South Arcot .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 4. Bellary .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 5. South Canara .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 6. Chingleput .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 7. Coimbatore .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 8. Ganjám .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 9. Gódávari .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 10. Kistna .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 11. Madras .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 12. Madura .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 13. Malabar .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 14. Nilgiris .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15. Salem .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 16. Tanjore .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 17. Tinnevelly .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 18. Trichinopoly .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 19. Vizagapatam .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Remarks. (60)

(a) On Sundays generally but varying according to exigencies.

(b) Of these one is worked both by shifts and by stoppages.

(c) Information has not been furnished in two cases; hence the difference between columns 16, 19, 26, 37 and 43.

(d) One of these is worked by midday stoppages for male and female adults and by shifts for all children.

(e) In one of these, the day has not been specified, two days' leave being allowed in a month.

(f) The hands employed in the manufactnre of sugar work in shifts; the mechanics and others by midday stoppages.

(g) In ten of these adults work by midday stoppages and children by shifts.

(h) In one of these holidays are given on Sundays when suitable; if not then on varying week days.

(i) One of these is worked both by shifts and by stoppages.

(j) Information regarding the Cotton Gin Factory, Ettiyapuram, has not been furnished; hence the difference between columns 16, 19, 26, 37 and 43.

* One Rice factory, one Coach-building factory, one School of Arts, the Madras Harbour Works, Her Majesty's Penitentiary (Carpentry), P. Orr and Sons (Jewellers and Silversmiths), Deschamps and Company.

4. The inspection work was on the whole satisfactorily performed both by the Magistracy and by Medical officers, 28 factories having been inspected more than thrice, 34 thrice, six twice and four once. Only three of the factories on the list were not inspected at all, and one of these was only classed as a factory late in the year, while the other two were not at work. The allowances drawn by the Medical officers in the marginally-noted districts aggregated Rs. 1,650.

| Districts. | Amount of allowance. |
|---|---|
| | Rs. |
| Anantapur .. .. .. .. | 135 |
| South Arcot .. .. .. .. | 100 |
| Bellary .. .. .. .. | 180 |
| South Canara .. .. .. | 40 |
| Coimbatore .. .. .. .. | 90 |
| Madras .. .. .. .. | 625 |
| Tinnevelly .. .. .. .. | 480 |
| Total .. | 1,650 |

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

6. There were 2,543 women and 1,764 children at work in 1895, as against 3,174 and 1,751, respectively, in 1894 and 3,285 and 1,593 in 1893.

7. The fencing of machinery is reported to have been generally satisfactorily effected, and the number of accidents fell slightly from 236 in 1894 to 218 in 1895. Of these, three were fatal (against eight in 1894) and 37 (against 49 in 1894) were of a serious character. They appear usually to have been due to the carelessness of the operatives themselves. As in the previous year there were no prosecutions under the Act.

[Here enter No. 1076, dated 26th June 1896.]

(True Extract.)

J. F. PRICE,
*Chief Secretary.*

To all District Magistrates.
„ the Public Works Department.
„ „ „ (Railway Branch).
„ the Commissioner of Police, Madras.
„ the Inspector-General of Police.
„ the Surgeon-General.
„ the Sanitary Commissioner.
Editors' Table.

Exd. T. K. Narayana Aiyangar.

| of es in 16. | Numb in | | |
|---|---|---|---|
| | Inspe th | | |
| Total, columns 17 and 18. | Once only. | Twice (but not three times). | |
| 19 | 20 | 21 | |
| 3 | .. | .. | |
| 3 | .. | 1 | |
| 2 | .. | .. | |
| 7 | .. | 3 | |
| 1 | .. | .. | |
| 1 | .. | 1 | |
| 4 | 1 | .. | |
| 1 | 1 | .. | |
| 2 | .. | .. | |
| 1 | .. | .. | |
| 26 | 1 | .. | |
| 2 | .. | .. | |
| 7 | 1 | .. | |
| 1 | .. | .. | |
| 1 | .. | .. | |
| 1 | .. | .. | |
| 9 | .. | 1 | |
| 1 | .. | .. | |
| 2 | .. | .. | |
| 75 | 4 | 6 | |

e factory, one (

(*e*) *Coimbatore.*—No abstract of the particulars in Form I has been given in column 24 as it should have been. It is presumed that the District Magistrate has taken steps to ensure that records of inspections of Messrs. Binny and Co.'s factory at Tiruppúr shall not again be wanting.

(*f*) *Ganjám.*—The figures in the footnote to columns 6–12 of Form I have not been filled in. Inspection of the one factory in the district was imperfect. The District Magistrate will be requested to issue such instructions to the Divisional Magistrate and the Medical inspecting officer as will result in an improvement in the current year. No information has again been furnished from this district or from Kistna regarding the wages paid in the factories, notwithstanding a remark to the same effect in the previous review.

(*g*) *Gódávari.*—The report from this district was not received until the 15th June, or two and a half months after the due date, and it has greatly delayed the return for the Presidency. The District Magistrate reports that this was owing to the non-receipt of information from the Joint Magistrate. The explanation of that officer should be obtained and submitted to Government. The amount of the allowances drawn by the Medical officer of the district on account of inspections has not been reported as required by paragraph 5 (7) of G.O., No. 348, Judicial, dated 16th February 1895. The District Magistrates of Kistna, Madura, Nilgiris and Vizagapatam have similarly omitted to supply this information. The matter should receive attention in future.

(*h*) *Madras City.*—The number of accidents showed a satisfactory decline, especially in the Gun Carriage Factory, where it fell from 104 to 79. The Commissioner of Police will be requested to report the nature of these accidents; it appears probable that the high proportion in this factory is merely due to the more careful record of every small injury which can be called an accident, rather than to any want of care on the part of the staff. The three fatal accidents in the City do not seem to have been due to any want of proper precautions. The attention of the Public Works Department will be drawn to the Medical officer's remarks on the water-supply at the Harbour Works.

(*i*) *Malabar.*—The Government regrets to observe that the registers in this district are again more irregularly maintained than anywhere else in the Presidency. The District Magistrate will be requested to see that they are at once opened in all factories where they are not already kept, and report the fact to Government. The average daily number of operatives employed in the Olavakkót Tile Works is stated to be 330, whereas the maximum on any day was only 319. The maximum number of hands employed on any day at the Basel Mission Tiles Works, Kodakal, has not been given.

(*j*) *Tinnevelly.*—It is observed that the District Magistrate states that steps will be taken to remedy the sanitary defects noticed in certain of the factories in this district.

(*k*) *Vizagapatam.*—The factory at Chittivalsa was inspected only twice by the Medical Inspector, and no explanation has been offered for this negligence. The attention of the Surgeon-General is invited to paragraph 2 of the District Magistrate's endorsement referring to this matter.

(*l*) *Railway factories.*—Of the thirteen railway factories, only one—the Trichinopoly Engineering workshops—appears to have been inspected at all by any Medical officer. The Inspector of Railway Factories will be requested to report if this is correct, and if so, to state whether he is aware of any reason for this omission.

3. Little occurred to distinguish the year from its predecessors. The gradual increase in the number of factories at work noticed in the review for 1894 continued, the total reaching 75 as against 69 in 1894, 67 in 1893, 46 in 1892, and 32 in 1891. The daily average number of operatives fell from 28,609 in the previous year to 28,280 during the year under review, the slight decrease being probably due to the fact that some of the factories were not at work throughout the year.

APPENDIX—*cont.*

| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 23, and (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | | |
| | | | Men. | Women. | Children. | | | | | | Women. | Children. | Operatives Generally. | Men. | Women. | Children. | Adult. | Children. | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | Under section 15 (2) of the Factories Act. | Total number of persons convicted. |
| | | | | | | | | | | | | | | | | | | | | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total (a) to (i). | (k) | |
| *Madras Railway*—cont. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Perambúr workshop. | Mr. C. E. Phipps. | 26th Feb. 1895. | 2,685 | .. | .. | .. | .. | Yes | Securely fenced. | Clean and well ventilated. | .. | .. | Good | 3,021 | .. | .. | 3,037 | .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 29th Oct. ,, | 2,744 | .. | .. | | | | | Do. | | | | | | | | | | | | | | | | | | | | | | |
| Pódanúr engine-shed and workshops. | Mr. W. Barefoot. | 16th Feb. ,, | 97 | .. | .. | .. | .. | Do. | Do. | Do. | .. | .. | Do. | 63 | .. | .. | 97 | .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 1st Dec. ,, | .. | .. | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 19th ,, ,, | 62 | .. | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jalarpet engine-shed and workshops. | Mr. E. Driver .. | 12th Feb. ,, | 65 | .. | .. | .. | .. | Do. | Do. | Do. | .. | .. | Do. | 66 | .. | .. | 68 | .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 15th Nov. ,, | 65 | .. | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2nd Dec. ,, | 65 | .. | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arkonam engineering workshops. | Mr. G. K. Winter. | 12th Feb. ,, | 222 | .. | .. | .. | .. | Do. | Do. | Do. | .. | .. | Do. | 195 | .. | .. | 328 | .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 15th Nov. ,, | 238 | .. | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 18th Dec. ,, | 171 | .. | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arkonam telegraph engineering workshops. | Do. | 12th Feb. ,, | 90 | 2 | .. | .. | Register E is kept. | Do. | Do. | Do. | .. | .. | Do. | 98 | .. | .. | 118 | .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 15th Nov. ,, | 110 | 1 | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 18th Dec. ,, | 116 | 2 | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *East Coast Railway.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Waltair locomotive carriage and wagon workshops. | Mr. A. Morton .. | 18th Jan. ,, | 839 | .. | .. | .. | Certificates in Form B are kept. | Do. | Do. | Do. | .. | .. | Do. | 903 | .. | .. | 1,066 | .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 12th Aug. ,, | 906 | .. | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* Inspected on a Sunday.



Order—No. 1075, Judicial, dated 26th June 1896.

The foregoing reports relate to the working of the Factories Act in this Presidency during 1895. Most of them were received by the prescribed date (1st April), but there was delay in the districts of Anantapur, Coimbatore, Ganjám, Gódávari and Malabar, especially Gódávari. In spite of remarks on the subject in previous reviews, the District Magistrates of Chingleput and Nellore have once more failed to observe the rule that blank returns should be submitted on post cards. The practice of submitting in original the reports of all Inspecting officers causes unnecessary confusion and expense in printing and should be discontinued. The Magistrate of each district should, in future, consolidate the information received from the officers subordinate to him into one report and set of statements for the whole district. The reports should be as concise as possible, and repetition of information already contained in the two statements prescribed—(1) Form I, the List of factories, and (2) the Appendix, the Record of inspections—should be avoided. These instructions should be carefully noted and observed when submitting the returns for the current year.

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

(*a*) *Anantapur.*—The statement accompanying the district report should have been headed "Form I," while the statement shown as Form I should have been entitled "Appendix." An abstract of the particulars contained in Form I should be given in column 24 thereof (*vide* the form in G.O., No. 1315 J.D., dated 22nd July 1892). The detailed statement of fees drawn by the Medical inspecting officer was unnecessary. It appears that no certifying Surgeons have yet been appointed under section 5 of the Act. The attention of the District Magistrate will be drawn to this.

(*b*) *South Arcot.*—The detailed statement of the Medical officer's fees was here again unnecessary. It is presumed that the District Magistrate has taken such action as is necessary in the matter of the latrines and the fly-wheels referred to in the Head-quarters Deputy Magistrate's report.

(*c*) *Bellary.*—The inspection work in the Sub-Divisional Magistrate's charge was again unsatisfactory, and no explanation of this has been tendered. The Government looks to the District Magistrate to take such steps as will render it unnecessary to again remark upon this subject.

The abstract of particulars given in column 24 of Form No. I of the Adóni Deputy Magistrate's report is unintelligible. It is not understood why Messrs. A. Sabhapati Mudaliar and Co.'s Press has been entered twice in that statement, or why column 3 thereof (nature of industry) has not been filled in.

The City People's Press, Adóni, should have been included in this and the appendix, even though it was not at work during the year, a note to this effect being entered in the remarks column. The particulars which should appear in the appendix and in Form I have been confused together, *details* of the Medical officer's inspections appearing in the latter, which should be merely an abstract of the factories in the district, instead of in the former, which should be the record of inspections made. Both statements have been prepared with little care, and occasion for similar remarks should, in future, be avoided.

It is presumed the loss of the Sunday holiday at Messrs. Dymes and Co.'s Cotton Press, Adóni, which appears to be working on Sundays, is made up to the employés as required by Section 5-B (2) (*b*) of the Act. Some of the latrines in this factory were unsuitable.

(*d*) *South Canara.*—The District Medical and Sanitary officer's inspection duty was again imperfectly carried out. The particulars of his inspections should appear in the appendix along with the others and should not be given in a separate statement.

(*e*) *Coimbatore.*—No abstract of the particulars in Form I has been given in column 24 as it should have been. It is presumed that the District Magistrate has taken steps to ensure that records of inspections of Messrs. Binny and Co.'s factory at Tiruppúr shall not again be wanting.

(*f*) *Ganjám.*—The figures in the footnote to columns 6–12 of Form I have not been filled in. Inspection of the one factory in the district was imperfect. The District Magistrate will be requested to issue such instructions to the Divisional Magistrate and the Medical inspecting officer as will result in an improvement in the current year. No information has again been furnished from this district or from Kistna regarding the wages paid in the factories, notwithstanding a remark to the same effect in the previous review.

(*g*) *Gódávari.*—The report from this district was not received until the 15th June, or two and a half months after the due date, and it has greatly delayed the return for the Presidency. The District Magistrate reports that this was owing to the non-receipt of information from the Joint Magistrate. The explanation of that officer should be obtained and submitted to Government. The amount of the allowances drawn by the Medical officer of the district on account of inspections has not been reported as required by paragraph 5 (7) of G.O., No. 348, Judicial, dated 16th February 1895. The District Magistrates of Kistna, Madura, Nilgiris and Vizagapatam have similarly omitted to supply this information. The matter should receive attention in future.

(*h*) *Madras City.*—The number of accidents showed a satisfactory decline, especially in the Gun Carriage Factory, where it fell from 104 to 79. The Commissioner of Police will be requested to report the nature of these accidents; it appears probable that the high proportion in this factory is merely due to the more careful record of every small injury which can be called an accident, rather than to any want of care on the part of the staff. The three fatal accidents in the City do not seem to have been due to any want of proper precautions. The attention of the Public Works Department will be drawn to the Medical officer's remarks on the water-supply at the Harbour Works.

(*i*) *Malabar.*—The Government regrets to observe that the registers in this district are again more irregularly maintained than anywhere else in the Presidency. The District Magistrate will be requested to see that they are at once opened in all factories where they are not already kept, and report the fact to Government. The average daily number of operatives employed in the Olavakkót Tile Works is stated to be 330, whereas the maximum on any day was only 319. The maximum number of hands employed on any day at the Basel Mission Tiles Works, Kodakal, has not been given.

(*j*) *Tinnevelly.*—It is observed that the District Magistrate states that steps will be taken to remedy the sanitary defects noticed in certain of the factories in this district.

(*k*) *Vizagapatam.*—The factory at Chittivalsa was inspected only twice by the Medical Inspector, and no explanation has been offered for this negligence. The attention of the Surgeon-General is invited to paragraph 2 of the District Magistrate's endorsement referring to this matter.

(*l*) *Railway factories.*—Of the thirteen railway factories, only one—the Trichinopoly Engineering workshops—appears to have been inspected at all by any Medical officer. The Inspector of Railway Factories will be requested to report if this is correct, and if so, to state whether he is aware of any reason for this omission.

3. Little occurred to distinguish the year from its predecessors. The gradual increase in the number of factories at work noticed in the review for 1894 continued, the total reaching 75 as against 69 in 1894, 67 in 1893, 46 in 1892, and 32 in 1891. The daily average number of operatives fell from 28,609 in the previous year to 28,280 during the year under review, the slight decrease being probably due to the fact that some of the factories were not at work throughout the year.



APPENDIX

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under rule 17, (2) a copy of the rules as required by rule 23, and (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of per ons convicted during the year in respect of the factory named in column 1. | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | Under section 15 (2) of the Factories Act. | Total number of persons convicted. |
| | | | Men. | Women. | Children. | | | | | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | (*a*) | (*b*) | (*c*) | (*d*) | (*e*) | (*f*) | (*g*) | (*h*) | (*i*) | Total (*a*) to (*i*). | |
| *South Indian Railway.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locomotive and carriage shops at Negapatam. | Mr. C. E. Crighton. | 4th June 1895<br>11th July ,,<br>1st Nov. ,, | 2,259<br>2,508<br>2,380 | .. | .. | .. | Yes | Securely fenced. | Clean and well ventilated. | .. | .. | Good | 2,707 | .. | .. | 2,791 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Locomotive and carriage shops at Madura. | Mr. J. Hannen .. | 14th June ,,<br>15th July ,,<br>6th Nov. ,, | 191<br>196<br>199 | .. | .. | .. | Do. | Do. | Do. | .. | .. | Do. | 188 | .. | .. | 215 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Locomotive and carriage shops at Cuddalore. | Mr. C. H. Thew .. | 12th June ,,<br>10th July ,,<br>17th Dec. ,, | 99<br>94<br>95 | .. | .. | .. | Do. | Do. | Do. | .. | .. | Do. | 207 | .. | .. | 207 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Locomotive and carriage shops at Madras, Egmore. | Mr. A. J. Cross .. | 15th June ,,<br>8th July ,,<br>27th Nov. ,, | 232<br>228<br>237 | .. | .. | .. | Do. | Do. | Do. | .. | .. | Do. | 189 | .. | .. | 237 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Engineering workshops at Trichinopoly. | Mr. W. H. Spalding. | 3rd June ,,<br>18th July ,,<br>5th Nov. ,, | 327<br>309<br>316 | .. | 7<br>6<br>6 | Registers C and D, and the file of certificates in Form B are kept. | Do. | Do. | Do. | .. | .. | Good | 282 | .. | 5 | 405 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Locomotive and carriage shops at Pakala. | Mr. B. Hyde .. | 20th July ,,<br>14th Nov. ,, | 101<br>95 | .. | .. | .. | Do. | Do. | Do. | .. | .. | Do. | 98 | .. | .. | 101 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Madras Railway.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rayapuram engine-shed.* | Mr. O. Horrocks .. | 30th Oct. ,, | 86 | .. | .. | .. | Do. | Do. | Do. | .. | .. | Do. | 93 | .. | .. | 96 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* A large number (52) of these operatives do not work in the workshop and have no connection therewith. This factory is removed from the register as the number of operatives is then reduced to 33.

Form No. 1—*cont.*

Statement to accompany the annual report on the working of the Railway Factories in the Madras Presidency during the year 1895—*cont.*

| Serial number of factory. | Name (and locality) of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | | | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5-B (2) (*c*), or (4) under section 5-B (2) (*d*) of the Act, or (5) otherwise worked. | Number of accidents reported during the year. | | | | Number of inspections held during the year. | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | | | | | | | | | | | | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | Total of columns 8 and 11. | | | Fatal. | Serious. | Minor. | Total. | By Magistrates. | By Special Inspectors of Factories. | By Medical officers | By other officers (if any). | Total. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 8 | Locomotive and carriage shops, Negapatam, Tanjore district. | Machinery and works for engines and rolling-stock. | Five horizontal stationary engines. | 2 of 25-horse power.<br>2 of 18-horse power.<br>1 of 15-horse power. | 2,449 | .. | 2,449 | .. | .. | .. | 2,449 | By stoppages from 11 A.M. to 12-30 P.M. Monday to Friday and Saturday after 12-30 P.M. | General holiday on Sundays. | .. | 9 | 4 | 13 | .. | .. | .. | 3 | 3 | |
| 9 | Locomotive and carriage shops, Madura, Madura district. | Do. .. | One horizontal stationary engine. | Of 25-horse power. | 202 | .. | 202 | .. | .. | .. | 202 | Do. | Do. .. | .. | .. | 1 | 1 | .. | .. | .. | 3 | 3 | |
| 10 | Locomotive and carriage shops, Cuddalore, South Arcot district. | Do. .. | One portable engine. | Of 10-horse power. | 106 | .. | 106 | .. | .. | .. | 106 | Do. | Do. .. | .. | .. | .. | .. | .. | .. | .. | 3 | 3 | |
| 11 | Locomotive and carriage shops, Egmore, Madras district. | Do. .. | Hand power .. | Hand power.. | 221 | .. | 221 | .. | .. | .. | 221 | Do. | Do. .. | .. | .. | .. | .. | .. | .. | .. | 3 | 3 | |
| 12 | Locomotive and carriage shops, Pákala, North Arcot district. | Do. .. | Do. .. | Do. .. | 98 | .. | 98 | .. | .. | .. | 98 | Do. | Do. .. | .. | .. | .. | .. | .. | .. | .. | 2 | 2 | |
| 13 | Locomotive carriage and wagon workshops, Waltair, Vizagapatam district. | Locomotive and carriage and wagon works. | Steam portable engines. | 1 of 10-horse power.<br>1 of 20-horse power.<br>1 of 25-horse power. | 909 | .. | 909 | .. | .. | .. | 909 | By midday stoppages 8½ hours working every day. | Do. .. | .. | .. | 3 | 3 | .. | 1 | .. | 2 | 3 | |

Perdl. No. 69.

Submitted to Government.

2. In reference to paragraph 7 of G.O., No. 348, dated 16th February 1895, Mr. Pereira, the Civil Apothecary attached to the municipal hospital at Bimlipatam, who is the Medical Inspector of the Factory at Chittivalasa, paid two visits to it during the second half-year of 1895, none were paid during the first half-year; the officer responsible for the omission being Mr. Jones (predecessor of Mr. Pereira). Mr. Pereira reports that he has not drawn the fees due to him probably being unaware of the rules on the subject.

3. There were nine accidents during the year as against four in the previous year. Of these one only was serious. All the injured persons returned to work recovered. The increase in the number of accidents was mostly due to the carelessness of the operatives.

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

(Signed) W. A. WILLOCK,
for *District Magistrates.*

19*th March* 1896.

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From the District Magistrate, Chingleput, dated 6th February 1896, No. 97.
" " " Cuddapah " 22nd January " " 49.
" " " North Arcot " August " " .
" " " Nellore " 31st March " " 359.
" " " Salem " 9th " " " 330.
" " " Tanjore " 22nd " " " 164.
" " " Trichinopoly " 31st " " " 255.
" " " Kurnool " 1st May " " 414.

Abstract.—Reporting that there were no Factories at work in the district during the year 1895.

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From F. D. FOWLER, Esq., Inspector of Railway Factories, Madras, to the Chief Secretary to Government, dated 31st March 1896, No. 1029.

In compliance with G.O., No. 1315, Judicial, dated 22nd July 1892, I have the honour to forward herewith a report on the railway factories for the year 1895, together with the returns prescribed therein.

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Enclosure.

Report on the Railway Factories for the year 1895.

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





Statement to accompany annual district report on the working of the Factories Act for 1895, Vizagapatam district.

| Serial number of factory. | Name (and locality) of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 (b) 2 (c), or (4) under section 5 (b) 2 (d) of the Act, or (5) otherwise worked. | Number of accidents reported during the year. | | | Number of inspections held during the year. | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | | | | | | | | | | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | Total of columns 8 and 11. | | Fatal. | Serious. | Minor. | Total. | By Magistrates. | By Special Inspector of Factories. | By Medical officers. | By other Officers, if any. | Total. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | Chittivalasa Ganny Factory, Chittivalasa. | Jute spinning and weaving. | Steam-power. | 270 indicated horse power. | 671 | 92 | 763 | 29 | 2 | 31 | 794 | Midday stoppages. | Sunday is a general holiday. | .. | 1 | 8 | 9 | 3 | .. | .. | .. | .. | Abstract. Total number of factories. 1<br>Jute Mills .. .. 1<br>Number of factories inspected three times during year .. 1 |

| Name and description of Factory. | First inspection. | Second inspection. | Third inspection. |
|---|---|---|---|
| *Madras Railway.* | | | |
| Ráyapuram (Engine-shed) (*a*) | 1895. 30th October .. | 1895. .. | 1895. .. |
| Arkonam (Engineering Workshops) (*b*) | 12th February. | 15th November. | 18th December. |
| Do. (Telegraph ,, ) (*b*) | 12th ,, | 15th ,, | 18th ,, |
| Parambúr (Locomotive and Carriage shops) | 26th ,, | 29th October .. | .. (*e*) |
| Jólarpet (Engine-shed and Workshops) | 12th ,, | 15th November. | 2nd December. |
| Pedanúr ( ,, ,, ) | 16th ,, | 1st December. | 19th ,, |
| *South Indian Railway.* | | | |
| Madras-Egmore (Engine-shed) | 15th June .. | 8th July .. | 27th November. |
| Cuddalore ( ,, ) | 12th ,, .. | 10th ,, .. | 17th December. |
| Negapatam (Locomotive and Carriage shops) | 4th ,, .. | 11th ,, .. | 1st November. |
| Trichinopoly (Engineering shed) | 3rd ,, .. | 18th ,, .. | 5th ,, |
| Madura (Engine-shed) | 14th ,, .. | 15th ,, .. | 6th ,, |
| Pákala ( ,, ) (*d*) | .. | 20th ,, .. | 14th ,, |
| *East Coast Railway.* | | | |
| Waltair (Locomotive and Carriage shops) | 18th January .. | 12th August .. | .. (*e*) |

Of the factories shown on last year's returns, two, the Engineering Workshops, Ráyapuram, Madras Railway, and the Running-shed, Nellore, South Indian Railway, have been removed from the register for the year under report, in consequence of their having been abolished.

(*a*) This factory was removed from the register in October 1895, as it ceased to fall within the scope of the Act.

(*b*) These factories are brought on to the register for the first time with effect from 1st January 1895.

(*d*) This factory was brought on to the register in July 1895.

(*c*) and (*e*) It was intended to carry out the final inspection of these factories at the end of December. Owing, however, to two railway accidents happening during that period, each of which necessitated the attendance of a Government Inspector of Railways, it was not found possible to carry out the factory inspections. It is to be observed that the inspection of Waltair necessitates a journey of seven days.

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

(Signed) F. D. FOWLER,
*Inspector of Railway Factories*



Form No. 1.

Statement to accompany the annual report on the working of the Railway Factories in the Madras Presidency during the year 1895.

| Serial number of factory. | Name (and locality) of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. Adults. Males. | Adults. Females. | Adults. Total. | Children. Males. | Children. Females. | Children. Total. | Total of columns 8 and 11. | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5-B (2) (*c*), or (4) under section 5-B (2) (*d*) of the Act, or (5) otherwise worked. | Number of accidents reported during the year. Fatal. | Serious. | Minor. | Total. | Number of inspections held during the year. By Inspectors of Factories. | By Medical officers | By other officers (if any). | Total. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | Perambur workshops in Siruvallur village, Saidapet taluk, Chingleput district. | Locomotive and carriage and wagon works. | For driving machinery. | Four stationary engines equal to 472-horse power. | 2,983 | .. | 2,983 | .. | .. | .. | 2,983 | By midday stoppages from 11 A.M. to 12-30 P.M. daily. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5-B (2) (*c*), or (4) under section 5-B (2) (*d*) of the Act, or (5) otherwise worked. | .. | .. | 3 | 3 | .. | .. | .. | 2 | 2 | *Abstract.* |
| 2 | Workshop and engine-shed, Ráyapuram, Madras district. | Do. | *Nil.* Manual labour employed. | | 91 | .. | 91 | .. | .. | .. | 91 | Do. | Do. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 3 | Pódanúr workshop and engine-shed, Coimbatore district. | Do. | For driving machinery. | One stationary engine equal to 20-horse power. | 74 | .. | 74 | .. | .. | .. | 74 | Do. | Do. | .. | .. | 3 | 3 | .. | .. | .. | 1 | 1 | Total .. 13 |
| 4 | Jalarpet workshop and engine-shed, Salem district. | Do. | Do. | One stationary engine equal to 10-horse power. | 60 | .. | 60 | .. | .. | .. | 60 | Do. | Do. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Iron works and foundries .. 13 |
| 5 | Arkonam engineering workshops, North Arcot district. | Miscellaneous wrought timber and iron works. | For working circular saws, latches and drilling machines. | Two engines 6 and 12-horse power each. | 214 | .. | 214 | .. | .. | .. | 214 | By midday stoppages from 11 A.M. to 1 P.M. daily. | Do. | 1 | .. | .. | 1 | 3 | .. | .. | 3 | 6 | Total .. 13 |
| 6 | Arkonam telegraph engineering workshops, North Arcot district. | Electric telegraph, &c. | *Nil.* Manual labour employed. | | 101 | 2 | 103 | .. | .. | .. | 103 | Do. | Do. | .. | .. | .. | .. | .. | .. | .. | 3 | 3 | Number of factories inspected less than thrice during the year .. 4 |
| 7 | Trichinopoly engineering workshops, Trichinopoly district. | Maintenance way works, sundry; carpenters and blacksmiths' works. | Portable engines. | Two engines of 10-horse power each. | 336 | 8 | 344 | .. | .. | 8 | 344 | By stoppages from 12 noon to 1-30 P.M. daily. | Do. | .. | .. | .. | .. | 2 | 3 | 5 | 10 | Inspected thrice .. 9 |
| | | | | | | | | | | | | | | | | | | | | | | | Total .. 13 |

Statement showing the details of accidents which occurred in the Gunny Factory at Chittivalasa during the year 1895.

| No. | Date of accident. | Name of the person injured. | Details of accidents. | — |
|---|---|---|---|---|
| 1 | 8th January 1895. | Nakala Sanyasi .. | An operative opened the wheel guard doors of one of the machines and put his finger on the pitch pin pinion to see if the pin was broken. Not noticing this, the attendant feeding the machine set it in motion. The thumb of the left hand was lacerated. | Returned to duty on 9th February 1895. |
| 2 | 11th February ,, | Chilla Narsu .. | The accident was caused by a yarn beam barrow which was being taken along the floor, one of the wheels or wheel pin coming in contact with the left foot of the person injured. Heel of left foot lacerated. | Returned to duty on 15th February 1895. |
| 3 | 21st ,, ,, | Do. .. | The accident was caused by shifting the bell fork handle of the next loom too quickly, the middle finger of the right hand slipping in between the loom gable and buffer spring. Point of middle finger of right hand lacerated. | Returned to duty on 25th February 1895. |
| 4 | 2nd March ,, | Gudivada China Kanakadu. | The accident was caused by an attempt to remove a shuttle from a loom while in motion, the right hand missing the object. Right hand slightly lacerated. | Returned to duty on 18th March 1895. |
| 5 | 3rd April ,, | Vakada Thogulu. | The accident was caused by removing a bobbin from a part of the machine by putting the hand into the machine further than was necessary. First joint of the third finger of the left hand removed. | Returned to duty on 13th May 1895. |
| 6 | 21st May ,, | Kantikala Sanyasi. | While trying to remove a rove thread that had got leaped round a roller of the spinning frame, the point of forefinger of right hand was crushed. | Returned to duty on 10th June 1895. |
| 7 | 23rd ,, ,, | Bandam Venkadu. | While two men were working together with a hammer, one smashed the other's finger. Forefinger of left hand smashed. | Returned to duty on 24th June 1895. |
| 8 | 15th October ,, | Madabashula Virappa. | The accident was caused by the removal of an empty shuttle from a loom too quickly or before the machine had stopped. Right hand crushed. | Returned to duty on 1st November 1895. |
| 9 | 7th November ,, | Saragada Ammanna. | A piece of rough timber was being placed on a cart, one end of it slipped to the ground and lacerated the left foot of a workman near it. | Returned to duty on 28th November 1895. |



APPENDIX.

| 1 | 2 | 3 | Number of persons at work on date of inspection. | | | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | | | | | | | | | | | | | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Men. | Women. | Children. | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17 (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act are put up in conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | Maximum number of hands employed on any day during the year. | Number of persons employed at the end of the year. | | | | | | | | | | | | | Remarks. |
| | | | | | | | | | | | Operatives generally. | Children. | Adult. | Men. | Women. | Children. | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | |
| | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses. | | | | | | | | | | Total number of persons convicted. | |
| | | | | | | | | | | | | | | | | | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total (a) to (i). | Under section 15 (2) of the Factories Act. | |
| Gunny Factory, Chittivalasa. | Mr. John Innes | 20th Mar. 1895. | 681 | 101 | 8 | 8 | Yes .. | Yes .. | Yes .. | Good .. | Good | Do. | 677 | 81 | 50 | 796 | 52 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 31st July 1895. | 668 | 86 | 23 | 23 | Do. .. | Do. .. | Do. .. | Do. .. | Do. | Do. | | | | | | | | | | | | | | | | | |
| | | 21st Dec. 1895. | 673 | 83 | 26 | 26 | Do. .. | Do. .. | Do. .. | Do. .. | Latrine accommodation is sufficient and well organised. Drinking water-supply sufficient and accessible and ventilation good. | | | | | | | | | | | | | | | | | | |

From L. C. MILLER, Esq., Principal Assistant Magistrate, Vizagapatam, to the District Magistrate, Vizagapatam, dated 25th February 1896, Ferdl. No. 69.

I have the honour to submit my report on the working of the Factories Act in my division for the year 1895.

2. The only factory in the division is the Chittivalsa Gunny Factory belonging to Messrs. Arbuthnot & Co. It was twice inspected by my predecessor Mr. Morris on the 20th March 1895, at 7-30 A.M., and once by me during the year on the 31st July 1895, at 7-30 A.M. The dates given in the margin in the presence of the Manager of the factory on the 21st December 1895, at 7-30 A.M.

3. There has been no change in the motive power, an engine of 270 horse-power.

4. The working hours were 11 daily except on Saturdays on which they were 10½.

5. The factory was closed every Sunday and nine other important holidays.

6. The water-supply for operatives is good.

7. The factory is well ventilated.

The general health of the operatives is reported to have been good. They were in good health at the inspection times.

8. Wages vary with the nature of the work and in some cases with the outturn. Excluding such classes as mechanics, overseers and carpenters, the best paid workmen are engine lascars and firemen, whose average monthly pay is Rs. 4-5-9, while river bund watchers get Rs. 4. Other workmen, such as wood-yard coolies, carders, cloth cutters, oilers, stitchers, weavers and hydraulic pressmen, &c., earn from Rs. 3-13-1 to Rs. 3, while the average pay of jute batchers, drawers, rovers, spinners, beamers and sweepers is from Rs. 2-15-9 to Rs. 2-4-2. Winders get Rs. 1-13-3. Women are employed chiefly as jute batchers, winders, stitchers and on ordinary cooly work. On the whole the earnings of the operatives do not greatly differ from those of ordinary labourers.

9. Register A required under the rules to be kept in my office and registers C, D and E in the factory are kept and maintained.

10. The machinery is properly fenced and protected. There were nine accidents during the year, of which one was serious. All the injured persons returned to work during the year. The accompanying statement gives details of accidents.

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

12. Certificates of age of the operatives are granted by the medical subordinates in independent charge, Bimlipatam.





Statement to accompany annual district report on the working of the Factories Act, Tinnevelly district.

| Serial number of factory. | Name (and locality) of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. Adults. Males. | Adults. Females. | Adults. Total. | Children. Males. | Children. Females. | Children. Total. | Total of columns 8 and 11. | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether Factory exempted under section 5 B (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked. | Number of accidents reported during the year. Fatal. | Serious. | Minor. | Total. | Number of inspections held during the year. By Magistrates. | By Special Inspector of Factories. | By Medical officers. | By other officers (if any). | Total. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | Coral Mills Company (Limited), Tuticorin. | Cotton spinning. | Steam .. | 600 horse power. | 526 | 306 | 832 | 96 | .. | 96 | 928 | By midday stoppages | Holidays on Sundays when suitable. If not, holiday in varying week days. | .. | 3 | .. | 3 | 4 | .. | 3 | .. | 7 | |
| 2 | Volkart's United Press, Tuticorin. | Pressing cotton. | Do. .. | 35 horse power. | 33·5 | 15 | 48·5 | .. | .. | .. | 48·5 | Do. | Holidays on Sundays or at least once a week. | .. | .. | .. | .. | 3 | .. | 1 | .. | 4 | |
| 3 | Milligan & Co., Tuticorin. | Pressing cotton and other produce. | Hydraulic Press. | 24 horse power. | 44 | 13 | 57 | .. | .. | .. | 57 | By shifts .. | Holidays on Sundays. | .. | .. | .. | .. | 2 | .. | 1 | .. | 3 | |
| 4 | New Bearar Company, Tuticorin. | Pressing cotton. | Steam .. | 16 horse power. | 26 | 1 | 27 | .. | .. | .. | 27 | By midday stoppages. | Holiday on one day in the week. | .. | .. | .. | .. | 1 | .. | 1 | .. | 2 | |
| 5 | Ralli Brothers & Co., Tuticorin. | Cotton ginning. | Do. .. | 104 horse power (normal) | 9 | 9 | 18 | .. | .. | .. | 18 | Do. | Holidays on Sundays. | .. | 2 | .. | 2 | 3 | .. | 1 | .. | 4 | |
| | | Cotton pressing. | Do. .. | 25 horse power. | 38·5 | 15 | 53·5 | .. | .. | .. | 53·5 | | | | | | | | | | | | |
| 6 | Dymes & Co., Tuticorin. | Cotton pressing. | Do. .. | 25 horse power. | 92 | 20 | 112 | .. | .. | .. | 112 | Do. | Holidays on varying days. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | | Cotton ginning. | .. | .. | 45 | 8 | 53 | .. | .. | .. | 53 | | | | | | | | | | | | |
| 7 | Ettiyapuram Cotton Gin Factory. | Cotton ginning. | Steam .. | 16 horse power. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| 8 | Koilpatti spinning Company (Limited). | Cotton spinning and yarn manufacturing. | Do. .. | 500 horse power. | 368 | 113 | 481 | 133 | 119 | 252 | 733 | By midday stoppages. | Holidays on Sundays besides other holidays. | .. | 1 | 3 | 4 | 4 | 3 | 8 | 1 | 16 | |
| 9 | Tinnevelly Mills Company, Pápanásam. | Cotton spinning. | Water .. | 500 horse power. | 300 | 124 | 424 | 80 | .. | 80 | 504 | Do. | Holidays on Sundays, if not, holiday in one of the three days preceding or succeeding Sundays. | .. | .. | 1 | 1 | 4 | .. | 2 | .. | 6 | |
| | District Totals (6 to 12, and 15 to 23). | .. | .. | .. | 1,482 | 624 | 2,106 | 309 | 119 | 428 | 2,534 | .. | .. | .. | 6 | 4 | 10 | 21 | 3 | 17 | 1 | 42 | |

*Abstract.*

| | |
|---|---|
| Total number of factories .. .. .. | 9 |
| Cotton Mills .. .. | 3 |
| Cotton cleaning factories .. .. .. | 1 |
| Cotton Presses .. .. | 5 |
| Total .. | 9 |
| Number of factories inspected twice during year .. .. | 1 |
| Number of factories inspected three times during year .. | 1 |
| Number of factories inspected more than three times during year .. .. .. | 5 |

Statement to accompany the Administration Report on Factories for 1895 in the Tinnevelly District—*cont.*

| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | | Under section 15 (2) of the Factories Act. | Total number of persons convicted. |
| | | | Men. | Women. | Children. | | | | | | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total of (a) to (i) | | |
| .. | .. | 12th Oct. 1895. | In press 56 | 30 | None. | None. | B, C, D not required. Register E opened since 8th September for Ginning factory only which has worked only one day since. No register kept for pressing, as it is done by contract. The contractor must keep E Register under the firm's supervision. | (1) and (2) yes; (3) yes, but the notice is exhibited in the Agent's and the Engineer's offices which are not open to the employés. | Yes .. | The above remarks still apply, but ginning is practically stopped. The latrine is in *statu quo* and the urine soaks into the ground—a most objectionable state of things. If the firm cannot provide tarred buckets, they should at least put a chatti at the end of the channel to catch the urine and have it removed. The yard is under water owing to the rain, but I expect the firm will soon improve the drainage on their own interest. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | In ginning None. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Cotton Gin Factory, Ettiyapuram, Ottappidáram taluk.* | M.R.Ry. S. Chinnaswami Iyer. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 7. Tinnevelly Cotton Press Company, limited, Tuticorin. | Messrs. Dymes & Co. F. H. Mattheson, Esq. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Press. 92 | 20 | .. | 112 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | | | | | | | | | | | Gin. 45 | 8 | .. | 53 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* *N.B.*—The factory did not work properly. There was only two months' work which too was not continuous, as there was no proper feeding.



Statement to accompany the Administration Report on Factories for 1895 in the Tinnevelly District—*cont.*

| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | | Under section 15 (2) of the Factories Act. | Total number of persons convicted. |
| | | | Men. | Women. | Children. | | | | | | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total of (a) to (i). | | |
| 8. Tinnevelly Mills Company (Limited), Pápanasam. | Mr. D. Murray. | 23rd Mar. 1895. | 314 | 135 | 33 | 32 | Yes .. | Yes .. | Yes .. | Water-supply good. Ventilation sufficient and latrine arrangements unobjectionable. | Good. | Good. | Good. | 309 | 147 | 61 | 449 | 73 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 7th June 1895. | 265 | 131 | 32 | 32 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8th Aug. 1895. | 285 | 123 | 38 | 38 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7th Oct. 1895. | 288 | 125 | 46 | 46 | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. The Koilpati Spinning Company, Limited. | Mr. David Jaffrey. | 26th Feb. 1895. | 333 | 95 | 283 | 179 | Yes .. | Yes .. | Yes; properly fenced. | Water-supply sufficient and quality of water is good. Ventilation sufficiently provided, sanitation and accommodation good. | Good. | Good. | Good. | 394 | 24 | 222 | 815 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 26th Oct. 1895. | 373 | 106 | 225 | 150 | | | | | | | | | | | | | | | | | | | | | | | | |

Statement to accompany the Administration Report on Factories for 1895 in the Tinnevelly District—*cont.*

| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of persons at work on date of inspection. | | | | | | | | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses | | | | | | | | | | | |
| Name of factory. | Name of Resident Manager. | Date of inspection. | Men. | Women. | Children. | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total of (a) to (i). | Under section 15 (2) of the Factories Act. | Total number of persons convicted. |
| 3. Milligan & Co.'s Cotton Press. | J. Milligan, Esq. W. N. Fleming, Esq. | 24th June 1895. .. | *53 †9 | 14 | *Nil* .. | None. | C and D not maintained as there are no children. E not maintained as all coolies are supplied by contract. | (1) Yes; (2) Yes; (3) Yes, but not in Tamil. | Yes .. | Water-supply. Two tubes. Seems limited, but Mr. Milligan assures me there is no stint. In the cleaning room, where most of the work was going on, the lateral ventilating area is very small. The premises are generally in a sanitary condition, but the latrine accommodation is defective. There are two enclosed spaces in the sea shore, but Mr. Milligan says nothing will induce the coolies to frequent them. Probably they would if the latrine were nearer. The floor is in a natural state. There are no receptacles for either fœces or urine. The latrine should be moved nearer the factory. It must be provided with an impervious floor capable of flushing and tarred buckets for fœces. | Good. | Good. | Good. | 23 | .. | .. | 88 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | 16th Oct. 1895. | Not at work. | | | None. | I have suggested the contractor should maintain Register E. | Yes .. | Yes .. | In the cleaning room some planks obstructing the windows have been taken down and perforated zinc put up. The latrine has not yet been provided with any floor, but the District Sanitary Officer considers the latrine accommodation sufficient and suitable. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 4. The New Berar Company, Limited, Tuticorin. | L. R. Montolar, Esq. | 31st Oct. 1895. | 37 | 13 | *Nil* .. | *Nil* .. | .. | Yes, at door of press room. | Yes .. | Good .. | Good. | Good. | Good. | 26 | 1 | .. | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* By contractor. † On regular establishment.



Statement to accompany the Administration Report on Factories for 1895 in the Tinnevelly District—*cont.*

| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of persons at work on date of inspection. | | | | | | | | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses | | | | | | | | | | | |
| Name of factory. | Name of Resident Manager. | Date of inspection. | Men. | Women. | Children. | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Woman. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total of (a) to (i). | Under section 15 (2) of the Factories Act. | Total number of persons convicted. |
| 5. Ralli Brothers' Press and Ginning Factory, Tuticorin. | T. M. Sorini, Esq. | 1st Aug. 1895. | In press 62 In gin 35 | 30 .. | None. | None. | B, C, D not required. Register E is not kept. The pressing is not done by contract labour, but ginning by regular coolies. There is merely a check roll which includes also men and gives no information as to hours the women worked. Register E must be opened at once. B, C, D not required. E not maintained as coolies are supplied by contract. Contractor must keep. Muster roll is kept only for office, &c., establishment. | (1) Yes; (2) Yes; (3) No, because labour is contracted for. This is not the case in the Ginning factory and notice must be posted. | Yes .. | Water-supply good. Ventilation of ginning room insufficient, but the ginning is to be moved elsewhere. Sanitation fair. The latrine is on the other side of the wall from the station square and it would be well to provide it with a cistern for urine and tarred buckets for fœces and flush it frequently. | Good. | Good. | Good. | 62 | 30 | .. | 92 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | 4th Sept. 1895. | Inspected solely with reference to E, which the managing agent now maintains as required. The ginning factory is about to be removed leaving only the presses. | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

ENCLOSURE.

STATEMENT to accompany the Administration Report on Factories for 1895 in the Tinnevelly District.

| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | 13 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | Total of (a) to (i). | Under section 15 (2) of the Factories Act. | Total number of persons convicted. |
| | | | Men. | Women. | Children. | | | | | | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | | | |
| 1. Coral Mills Company, Tuticorin, Ottappidáram taluk. | Messrs. A. and F. Harvey. | 21st Apr. 1895. | .. | .. | .. | .. | .. | .. | .. | Inspected sanitary arrangements with reference to District Sanitary Officer's inspection report on the mills. Found a most effective latrine system, impervious floor, constantly flushed with a stream of water and occasionally flushed with hose. Tarred buckets for feeces. | .. | .. | .. | .. | .. | .. | .. | .. | | | | | | | | | | | | | | | |
| .. | .. | 4th Sept. 1895. | .. | .. | .. | .. | .. | .. | .. | Inspected with special reference to the ventilation of the large upper room by District Magistrate's order, G.O., No. 1340, dated 24th June 1895. The Manager wishes to be informed what he should do as, in his opinion, the ventilation is efficient. | .. | .. | .. | .. | .. | .. | .. | .. | | | | | | | | | | | | | | | |
| .. | .. | 13th Aug. 1895. | 653 | 263 | 76 in two shifts. | 32 That is in all the morning shifts. | E not kept, others kept. C and D very carelessly kept. There are numerous differences between the number of certificates, descriptions, &c., between these two registers. | Yes | .. | .. | Good .. | Good. | Good. | Good. | .. | .. | .. | .. | .. | | | | | | | | | | | | | | |

Statement to accompany the Administration Report on Factories for 1895 in the Tinnevelly District—*cont.*

| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | 13 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | Total of (a) to (i). | Under section 15 (2) of the Factories Act. | Total number of persons convicted. |
| | | | Men. | Women. | Children. | | | | | | Women. | Children. | Operatives generally | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | | | |
| .. | .. | 16th Oct. 1895. | 672 | 263 | 45 in morning shift. | 40 Five others not present. | E not kept. B, C, D kept. D is written for afternoon shift though not yet begun. C does not show date of discharge. | Yes, at entrance of mill. | Yes, generally, but a wheel in the passage from the big fly wheel requires fencing the same as the one next it. | Good, the upper room has ample cubic space as already reported. | Good. | Good | Good. | 531 | 349 | 103 | 880 | 103 | .. | | | | | | | | | | | | | | |
| 2. Volkhart's United Press, Tuticorin. | G. Zelveger, Esq. | 26th June 1895. | .. | .. | .. | .. | Not pressing. | Clerk tells me press out of order which is indignantly denied by Engineer. It appears that the leather washers want attention. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | *N.B.*—One of the plates of the press was cracked. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .. | .. | 9th July 1895. | 34 | 20 | None. | None. | C and D not required. No file of certificates. E is not maintained in proper form, but I find from it— That 12 women worked 11½ hours on 2nd May 13 do. do. on 3rd ,, 11 do. do. on 11th ,, 14 do. do. on 13th ,, 14 do. do. on 15th ,, 13 do. do. on 6th June 15 do. do. on 7th ,, 15 do. do. on 11th ,, 10 do. do. on 18th ,, 9 do. do. on 21st ,, 8 do. do. on 27th ,, 11 do. 12 hours on 29th ,, | (1) and (3) combined, yes; (2) Two English copies hung up. | Yes .. | There is a water house with ample water. The dung in the neighbourhood should be removed. Ventilation good. A corrugated iron latrine is provided. It should be provided with impervious floor and cistern and tarred buckets. At present the floor is natural. | Good. | Good. | Good. | 34 | 15 | .. | 49 | .. | | | | | | | | | | | | | | | |
| .. | .. | 2nd Sept. 1895. | .. | .. | .. | .. | Not pressing. I am informed that the latrines will shortly be floored with cement as required, but they appear to be very small. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .. | .. | 24th Sept. 1895. | .. | .. | .. | .. | .. | .. | *Vide* G.O. No. 1340, dated 24th June 1895, but the new press does not, as far as I can see, require any fencing whatever either upstairs or down. | Inspected latrines. Nothing whatever done towards flooring them, and no intentions apparently of doing so. | .. | .. | .. | .. | .. | .. | .. | .. | | | | | | | | | | | | | | | |

From G. CAMPBELL, Esq., Acting Joint Magistrate, Tinnevelly, to the District Magistrate, Tinnevelly, dated 12th March 1896, No. 132.

I have the honour to forward my report on the working of the Factories Act in this division during the year 1895.

2. In the beginning of the year under report the marginally-noted six factories were on the register, but subsequently the Tinnevelly Cotton Press Company, Limited, otherwise called Messrs. Dymes & Co., at Tuticorin was added and taken on the register.

1. Coral Mills Company's Factory.
2. Volkart Brothers' Factory.
3. Milligan & Co.'s Factory.
4. New Berar Company's Factory.
5. Ralli Brothers' Factory.
6. Ettiyapuram Cotton-ginning Factory.

3. *Inspections.*—Coral Mills Company's Factory was inspected four times in the year under report by the Joint Magistrate and the Assistant Magistrate who was in charge of the division for a month. Volkart's United Press Company's Factory was inspected twice by the Joint Magistrate and twice by the Assistant Magistrate during the time he was in charge. Once during the visit of each the factory was not pressing. Messrs. Milligan & Co.'s Factory was inspected twice by the Joint Magistrate, but it was not at work on the latter occasion. The New Berar Company's Factory was inspected only once by the Joint Magistrate as it worked only at irregular intervals. Ralli Brothers' Press and Ginning Factory was inspected twice by the Joint Magistrate and once by the Assistant Magistrate during his tenure. The Ettiyapuram Cotton-ginning Factory was not inspected during the year under report as it worked only two months in the year and that, too, not continuously. The new factory—*i.e.*, Messrs. Dymes & Co.'s Factory—was not inspected as it was brought on the register very late in the year when the factory had ceased to work.

*N.B.*—There was some correspondence about the factory being taken on the register and it was actually taken on the register only late in the year.

4. *Sanitary Conditions, &c.*—Water-supply as well as ventilation is good and sufficient in all the factories inspected. The upper room in the Coral Mills Factory was inspected both by the Assistant Magistrate and the Joint Magistrate, with special reference to G.O., No. 1340, Judicial, dated 24th June 1895, and was found to have ample cubic space and sufficient ventilation. All the factories inspected are provided with proper latrines and Messrs. Volkart Brothers have provided a corrugated-iron latrine to their factory since the last year's report to you.

5. *Registers.*—Register E is not maintained in Messrs. Milligan & Co.'s Factory and the New Berar Company's Factory as the coolies are supplied by contract. But my predecessor has suggested that the contractor should maintain the register. Messrs. Ralli Brothers have opened Register E since 8th September 1895 for ginning factory only, as coolies are supplied by contract to the pressing factory.

6. *Health of Operatives.*—All the operatives—men, women and children—looked healthy and were in good condition.

7. *Wages.*—The average wages earned by men, women and children in the several factories are as follows:—

Coral Mills' Company—
Man—Rs. 6-1-5.
Woman—Rs. 3-2-8.
Child—Rs. 2-11-3.

Volkart Brothers' Company—
Man—Annas 6 per day.
Woman—Annas 2 per day.

Milligan & Co.—
Here the contractor is paid at the rate of As. 4 per bale, which he divides among the coolies.

New Berar Company—
Annas 4 per day per head.

Ralli Brothers' Agency—
Man—4 annas per 100 bales per day.
Woman—2 annas per 100 bales per day.

8. *Surgeon.*—The certifying surgeon's work was the same.

9. *Machinery.*—Generally the machinery is properly fenced in all the factories; but Mr. Cumming has noted that in Coral Mills Company's Factory a wheel in the passage from the big flywheel requires fencing as well as the one next it. In Volkart Brothers' Factory the new press does not require any fencing, as the Assistant Magistrate found it all right when he inspected it with special reference to G.O., No. 1340, Judicial, dated 24th June 1895.



10. *Accidents.*—Five accidents were reported during the year—three by Coral Mills Company and two by Ralli Brothers' Agency. In the former three accidents the injured persons were all males and the injury was caused to them by their own negligence. The right hand of one was cut and smashed by his putting it in a carding engine while in motion, which is strictly forbidden. The right hand of another was slightly cut by his placing it in a roving machine while in motion, and the third, who was a fitter, was scalded by escape of hot water from an economiser pipe in which a screw was loose. In the two accidents reported by Ralli Brothers' Agency, the injured persons were a boy and a girl and the injury was in a similar way caused to them by their own negligence. The three fingers of the boy's left hand were partly cut by his putting them between the rollers and the gins to pick some cotton. The girl was in a similar manner injured by her putting her fingers between the roller and the teeth. None of the accidents proved fatal.

11. There were no prosecutions under the Factory Act during the year under report.

12. The annual return is enclosed.

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From Surgeon-Major K. C. SANJANA, District Medical and Sanitary Officer, Tinnevelly, to the District Magistrate, Tinnevelly, dated 20th March 1896, No. 2063.

In forwarding my inspection report on factories for 1895, I have the honour to state that the certifying surgeons do not inspect the factories and submit to me any reports nor are they allowed travelling allowances in order to enable them to go and inspect them; and that I am therefore unable to include in my report the results of their inspections as required in your Proceedings, No. 397, dated 26th March 1895.

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From Surgeon-Major K. C. SANJANA, District Medical and Sanitary Officer, Tinnevelly, to the District Magistrate, Tinnevelly, dated Palamcottah, 20th March 1896, No. 2064.

I have the honour to submit my inspection report on factories in the Tinnevelly, district for the year 1895.

| Factories. | No. of inspections. |
|---|---|
| 1. Tinnevelly Mills Company, Pápanásam .. .. .. .. | 3 |
| 2. Kóvilpatti Spinning Company .. | 3 |
| 3. Coral Mills Company, Tuticorin .. | 3 |
| 4. The New Berar Company, Tuticorin. | 1 |
| 5. Milligan & Co., Tuticorin .. .. | 2 |
| 6. Volkart Brothers, Tuticorin .. | 2 |
| 7. Ralli Brothers, Tuticorin .. .. | 2 |

2. The marginally-noted factories were inspected and reported upon. Nos. 4 to 7 were not inspected three times in the year, as they worked for a portion of the year only. The ginning factory at Ettiyapuram was not inspected, as it did not work during the year.

3. The factory buildings are all well lighted and ventilated. Ridge ventilators were provided in the Kóvilpatti Spinning Company during the year.

4. The machineries and mill gearings in all the factories are properly fenced.

5. The drinking-water supply has been sufficient and wholesome. Drinking-water is not filtered in any of the factories.

6. All the factories, including Volkart Brothers' Press, have pucka latrines. They are kept clean, adequate arrangement having been made for the removal of night-soil, &c.

7. There has been no over-crowding in any of the factories.

8. The premises of all factories were generally clean during my inspections.

9. The health of the operatives was generally good; and the ages of children corresponded with those in their certificates given by the certifying surgeons.

six pies per day. In the Pápanásam Factory Rs. 1–10–10 is reported to be the monthly wages of children or ten pies a day. The low rate is probably due to the abundance of children in the village from which the bulk of the operatives come and the absence of other work on which the children can be employed, the factory being situated in a very out-of-the-way locality.

10. *Employment of Children.*—Children are employed only in the Tuticorin Coral Mills Company and in the Kóvilpatti and Pápanásam factories. They are generally employed on light work. There has been no complaint of overwork.

11. *Accidents.*—Three accidents were reported in factory No. 1, two in No. 5, one in No. 8, and four in No. 9. None of them proved fatal. Six of these accidents were serious. In all cases they are attributed only to the negligence of the operatives.

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

13. The following statement shows the amount of fees obtained by the District Medical and Sanitary Officer for the inspections he made of each factory. The amounts of fees were sanctioned with due regard to the orders conveyed in G.O., No. 348, Judicial, dated 16th February 1895 :—

| Name of factory. | Fees paid. Rs. |
|---|---|
| Coral Mills Company, Tuticorin .. .. .. .. .. | 120 |
| Volkart Brothers' Company, Tuticorin .. .. .. .. .. | 20 |
| Milligan & Co., Tuticorin .. .. .. .. .. .. | 40 |
| New Berar Company, Tuticorin .. .. .. .. .. .. | 20 |
| Ralli Brothers' Company, Tuticorin .. .. .. .. .. | 40 |
| Tinnevelly Mills Company, Pápanásam .. .. .. .. .. | 120 |
| Kóvilpatti Spinning Company .. .. .. .. .. .. | 120 |
| Total .. | 480 |

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Enclosures.

From A. C. DUTT, Esq., Head Assistant Magistrate, Tinnevelly, to the District Magistrate, Tinnevelly, dated 6th March 1896.

I have the honour to submit my report on the working of the Factories Act, XV of 1881, in this division during the calendar year 1895.

2. No fresh factories were brought on the register during the year.

3. *Inspections.*—The only factory in the division belongs to the Tinnevelly Mills Company (Limited) and is located at Pápanásam. It was inspected by me four times during the year under report on the dates noted below :—

| | |
|---|---|
| 23rd March 1895. | 8th August 1895. |
| 7th June ,, | 7th October ,, |

The registers in the prescribed forms were kept, and the file of certificates in Form B properly maintained.

4. *Sanitary Condition and Arrangement.*—The building is good and strong. The premises are clean and the factory is well ventilated; water-supply is good and sufficient. The latrine has recently been provided with a masonry drainage as suggested by the District Medical and Sanitary Officer.

5. *Health of the Operatives.*—The health of the operatives was generally good; they appear to take to factory work much more readily than to agricultural work. There was no complaint of overwork. The physical condition of the children that I have seen compares favourably with the condition of the ordinary agricultural labourers.

6. *Wages and the general Condition of the Operatives.*—The average monthly wages earned by men, women and boys employed in the factory are as follows :—

| | Rs. A. P. |
|---|---|
| Man .. .. .. .. .. .. .. | 6 11 0 |
| Woman .. .. .. .. .. .. .. | 4 12 6 |
| Boy .. .. .. .. .. .. .. | 1 10 10 |



7. *Employment of the Operatives.*—Men are generally employed for lifting up bales, women for picking and cleaning cotton, and children for picking cotton. On the whole the apportionment of the work may be said to be fair.

8. *Fencing.*—The machinery appears to me to be as well fenced as is consistent with its proper working. One pulley in a dark corner was fenced at my suggestion.

9. *Accidents.*—There was only one accident reported during the year. The accident was caused by the careless manner in which the injured man changed a belt from a loose to a fast pulley. The man broke his right arm below the elbow and also sustained a little injury in the face. He was under treatment in the local hospital and was cured. The provisions of G.O., No. 1370, dated 27th June 1895, prescribing certain rules for minimising the risk of accidents from the adjustment of belting on machinery while in motion, are being adhered to.

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

11. The prescribed statements are submitted.

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From M.R.Ry. M. V. NARAYANASAMI, Deputy Magistrate and Inspector of Factories, Tinnevelly, to the District Magistrate, Tinnevelly, dated Srívilliputtúr, 9th March 1896.

I have the honour to submit my report on the working of the Indian Factories Act for the year 1895.

2. The only factory which comes under the operation of the Factories Act in this division is the "Kóvilpatti Spinning Company, Limited." This factory was inspected by the Sub-divisional Magistrate thrice during the year under report, and from the copy of the notes of inspection submitted to you then and there it will be seen that the water-supply is sufficient and that the water supplied is of good quality though it would have been better if the water is filtered to remove the suspended impurities. There are nine wells and one tank in and about the factory which are used for drinking and washing purposes. There is also a Brahmin supplying water to the labourers.

3. The mill operatives live close by in small huts erected for them by the Company and arranged in little streets, which are kept clean and in good order. The operatives are afforded all necessary conveniences within the compound of the mill. There are three latrines in and near the mill at convenient distances from the habitations of the operatives. These have been recently improved under the suggestions of the District Medical and Sanitary Officer. The sanitary arrangements are good and satisfactory.

4. The factory building is commodious and furnished with a number of glass windows. These windows are not all left open during the working hours and it is very warm inside. There are, however, a large number of holes in the roof of the building to serve as ventilators, and but for these the temperature will be higher still. The manager of the mill says that the warmth is necessary and moisture in the air interferes with the working.

5. Adult females are exclusively employed in the reeling room, while men and children are employed in other work. The daily wages of the operatives are reported to be as follows :—

| | Rs. A. P. |
|---|---|
| Male .. .. .. .. .. .. .. .. .. | 0 3 0 |
| Female .. .. .. .. .. .. .. .. .. | 0 1 6 |
| Child .. .. .. .. .. .. .. .. .. | 0 1 6 |

6. The machinery in the mill is properly fenced.

7. There were only four accidents in the year under report, but these were to persons employed on the machinery concerned. Of these cases three were slight and one serious but not fatal.

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

9. The usual statements are herewith submitted.

From A. W. B. HIGGENS, Esq., District Magistrate, Tinnevelly, to the Chief Secretary to Government, dated 1st April 1896, No. 358.

I have the honour to submit the annual report on the working of the Indian Factories Act in the district of Tinnevelly for the year 1895.

1. Coral Mills Company, Limited, Tuticorin.
2. Volkart Brothers' Press, Tuticorin.
3. Milligan & Co.'s Cotton Press, Tuticorin.
4. New Berar Company's Cotton Press, Tuticorin.
5. Ralli Brothers' Cotton Press, Tuticorin.
6. Ettiyapuram Cotton-ginning Factory.
7. Dymes & Co.'s Cotton-pressing Company, Tuticorin.
8. Tinnevelly Mills Company, Limited, Pápanásam.
9. Kóvilpatti Spinning Company Limited.

2. There were nine factories in the district as shown in the margin against eight in the previous year. The first seven are in the Joint Magistrate's division. No. 8 is in the Head Assistant Magistrate's division and No. 9 in the General Charge Deputy Magistrate's division, Srívilliputtúr. No. 7 was newly brought to the register in the year under report. The reports of the Sub-divisional Magistrates as well as the report of the District Medical and Sanitary Officer are herewith submitted.

| No. of the factory. | Number of inspections by Sub-divisional Magistrates. | Number of inspections by the District Medical and Sanitary Officer. |
|---|---|---|
| 1 .. .. | 4 | 3 |
| 2 .. .. | 4 | 2 |
| 3 .. .. | 2 | 2 |
| 4 .. .. | 1 | 1 |
| 5 .. .. | 3 | 2 |
| 6 .. .. | .. | .. |
| 7 .. .. | .. | .. |
| 8 .. .. | 4 | 3 |
| 9 .. .. | 3 | 3 |

3. *Inspections.*—The number of inspections made by the Sub-divisional Magistrates and the District Medical and Sanitary Officer is shown in the margin for each factory. It is reported that the factory No. 4 worked only at irregular intervals, that factory No. 6 worked only two months in the year and that, too, not continuously, and that factory No. 7 was not inspected at all as it was brought to the register late in the year after some correspondence with the manager.

4. From the Statement No. I submitted herewith, it will appear that the inspection work has been satisfactorily performed. The number of children mustered by the Divisional Magistrates was generally adequate. In the Pápanásam Mill all the children were mustered by the Head Assistant Magistrate at each inspection.

5. The maintenance of the prescribed registers does not appear to be very satisfactory in the Joint Magistrate's division. In several factories no children are employed and consequently Registers C and D have not been kept up. The Joint Magistrate has given orders to maintain Register E in some factories where it is not at present kept up. In factories Nos. 8 and 9, the prescribed registers appear to have been correctly kept up.

6. *Machinery.*—This is reported to be in good condition in all the factories except that a wheel in the Coral Mills Factory (No. 1) is stated to require fencing. The Joint Magistrate has been requested to see that it is done.

7. *Water-supply, Ventilation, &c.*—From the reports of the Sub-divisional Magistrates as well as of the District Medical and Sanitary Officer, it appears that the sanitary condition of almost all the factories and their premises is good, that all factories are generally well ventilated, and that the water-supply is fair. The sanitary condition of factories, Nos. 2 and 3, appears to require improvement. Factory No. 5, Messrs. Ralli Brothers, is reported to be somewhat insanitary and ventilation is also stated to be insufficient. Steps will be taken to remedy these defects. The remarks of Government in paragraph 2 (*m*) of G.O., No. 1340, Judicial, dated 24th June 1895, have been duly attended to.

8. *Health of Operatives.*—This is reported to be good in all the factories both by the Sub-divisional Magistrates and by the District Medical and Sanitary Officer. The latter officer has also reported that the children looked cheerful.

9. *Wages.*—The reports of the Sub-divisional Magistrates give particulars of wages obtained by men, women and children in each factory. In the Coral Mills Company and Kóvilpatti Spinning Company, children are paid an average wage of one anna and





STATEMENT relating to the Factories in the Nilgiri District during 1895.

| 1 | 2 | 3 | 4 | | | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Dates of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | | |
| | | | Men. | Women. | Children. | | | | | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | | Under section 15 (2) of the Act. | Total number of persons convicted. |
| | | | | | | | | | | | | | | | | | | (*a*) | (*b*) | (*c*) | (*d*) | (*e*) | (*f*) | (*g*) | (*h*) | (*i*) | Total of (*a*) to (*i*). | | |
| The Nilgiri Brewery. | Mr. Thomas Leishman. | 29th May 1896.<br>29th Aug. ,,<br>30th Oct. ,,<br>30th Dec. ,, | 82<br>68<br>71<br>67 | .. .. .. | .. .. .. | None. | Yes | Yes | Sufficient and satisfactory. | .. | .. | Sound and satisfactory. | 67 | .. | .. | 82 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Kept, but blank, as no women and children are employed in the factory.

No. 408.

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

(Signed) E. C. RAWSON,
*Ag. District Magistrate.*

OOTACAMUND,
*30th March* 1896.

From A. M. JONES, Esq., Deputy Magistrate, Nilgiris, to the District Magistrate, Nilgiris, dated 28th March 1896, No. 402.

I have the honour to submit my report on the working of the Factories Act during the year 1895 together with two statements.

2. The Nilgiri Brewery is the only factory in this district. I inspected it four times during the year, the manager being present on all occasions. The working hours are from 7 A.M. to 12 noon and from 1 to 5-30 P.M. daily. The brewery is closed on Christian and other holidays.

3. The sanitary condition of the factory is very satisfactory and the latrine accommodation is sufficient and clean.

4. The general health of the operatives is good. There are no women and children in the factory.

5. The wages are as a rule paid monthly.

6. The factory was inspected five times during the year by the Civil Surgeon here.

7. The machinery is properly fenced and protected. There were no accidents during the year and no prosecutions under the Act.



FORM I.

| 1 | 2 | 3 | 4 | 5 | Average daily number of operatives employed. | | | | | | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (d) of the Act or (5) otherwise worked. | Number of accidents reported during the year. | | | Number of inspections held during the year. | | | | | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Serial number of factory. | Name (and locality) of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Adults. | | | Children. | | | | | Fatal. | Serious. | Minor. | Total. | By Magistrate. | By Special Inspector of Factories. | By Medical Officer. | By other Officers, if any. | Total. | Remarks. |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | | | | | | | | | | | | |
| 1 | The Nilgiri Brewery, Ootacamund. | Brewing beer. | Stationary engine. | Twelve horse power. | 66 | .. | 66 | .. | .. | .. | By midday stoppages from 12 noon to 1 P.M. | Coolies present at Brewery for cleaning-up purposes from 7 A.M. to 8-30 A.M. Brewery, as a rule closed on Christian and other holidays. | .. | .. | .. | .. | 4 | .. | 5 | .. | 9 | Total number of factories .. .. 1<br>It was inspected four times by the Deputy Magistrate and five times by the Medical Officer. |

Statement No. 2 to accompany the Administration Report on Factories for 1895 in the Malabar district—*cont.*

| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | | | |
| | | | Men. | Women. | Children. | | | | | | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total of (a) to (i). | Under section 15 (2) of the Factory Act. | Total number of persons convicted. |
| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | |
| 7. Basel Mission Tile Work, Olavakkót. | Rev. Jacob Baumaun. | 5th June 1895. | 251 | 36 | .. | .. | Register E kept. Registers C and D not kept as there are no children. So also Form B is not kept. | Nos. 1 and 2 kept. The notice registered by section 10 not kept. The Manager has been requested to put up one with regard to women at once. | Sufficiently protected. | All satisfactory. | Good. | Good. | Good. | 248 | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | 4th Oct. 1895. | 219 | 38 | .. | .. | Maintained. | Kept .. | Yes .. | Do. | Do. | Do. | Do. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | 22nd Nov. 1895. | 243 | 43 | One in the factory and ten* besides under contractors. | .. | Registers C D and E kept. There are no certificates. | Do. .. | Yes .. | All these points are satisfactorily attended to. | Do. | Do. | Do. | 248 | 41 | 6 | 278 | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* The ten females noted down in the registers as children are all clearly over fourteen years of age. The Manager explains that no particular attention was paid to the registry of these females inasmuch as they were employed not by the factory directly, but by contractors under the factory. Hence they appeared on this registry of children. I have ordered them to be transferred to Register E. As regards the one boy employed it appears he was engaged just the day before my inspection. He must not be employed in the factory until a certificate has been obtained from the certifying officer.





Statement No. 2 to accompany the Administration Report on Factories for 1895 in the Malabar district—*cont.*

| Name of Factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 28, (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | | | |
| | | | Men. | Women. | Children. | | | | | | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total of (a) to (i). | Under section 15 (2) of the Factory Act. | Total number of persons convicted. |
| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | |
| .. | .. | 11th Nov. 1895. | 138 | 90 | .. | .. | Register E kept. Registers C and D not kept as no children are employed. The Manager has been requested to keep *nil* registers in these cases. | All duly posted. | The machinery is practically safe with the present placing, but as the latter is somewhat meagre and as the engine is not in a separate room, the Manager has promised to carry out an addition on the suggestion of the inspecting officer. | Sanitation is being improved and the Manager states that the improvements will soon be completed. | Good. | Good. | Good. | 138 | 86 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | 10th Dec. 1895. | 171 | 112 | .. | .. | C, D and E registers kept. C and D are *nil*. No file of certificates for the same reason. | All duly posted. | The suggestions recommended at the last inspection have been carried out; the machinery is quite safe and properly fenced. | Satisfactory. Sanitation has been gradually improved. | Do. | Do. | Do. | 138 | 86 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Statement No. 2 to accompany the Administration Report on Factories for 1895 in the Malabar district—*cont.*

| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. Men. | Women. | Children. | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 28, (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of Women. | Children. | Operatives generally. | Number of persons employed at the end of the year. Men. | Women. | Children. | Maximum number of hands employed on any day during the year. Adults. | Children. | Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total of (a) to (i). | Under section 15 (2) of the Factory Act. | Total number of persons convicted. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | |
| 3. The Mercantile Mission Tile Works at Calicut. | Mrs. Kehrer. | 7th Sept. 1895. | 158 | 40 | .. | .. | Registers C, D and E are maintained. | Put up .. | Yes .. | Fair .. | Good. | Good. | Good. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | In register E entries relating to the 6th September have not been made. | .. | .. | .. | .. | .. | .. | 170 | 47 | .. | 256 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | 23rd Oct. 1895. | 156 | 43 | .. | .. | Maintained .. | Put up .. | Yes .. | Fair .. | Good. | Good. | Good. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | 6th Dec. 1895. | 189 | 52 | .. | .. | Do. .. | Do. .. | Do. .. | Do. .. | Do. | Do. | Do. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 4. The Calicut Tile Works in Cheruvanur amsom. | Mr. J. H. Schlunk. | 30th Sept. 1895. | 26 | 3 | .. | .. | Do. .. | Do. .. | Do. .. | Do. .. | Do. | Do. | Do. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | 9th Nov. 1895. | 131 | 14 | 16 | 16 | Maintained. Though register D shows that boys are employed from 8 to 12 A.M. and from 2 to 5 P.M., still they were found working at 7-30 A.M. When the factory was visited some of the boys who were examined stated that they used to work from 7 to 12 and from 1-30 to 5-30. This shows that the boys classed under children are worked nine hours instead of seven hours only. | 1. Put up. 2. Put up but illegible. 3. Not shown. | Do. .. | Do. .. | Do. | Do. | Do. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |



Statement No. 2 to accompany the Administration Report on Factories for 1895 in the Malabar district—cont.

| Name of factory. | Name of Resident Manager. | Date of Inspection. | Number of persons at work on date of inspection Men. | Women. | Children. | Number of children mustered at inspection. | Whether Registers C. D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 28, (3) the notice required by section 10 of the Act are put up in a conspicuous place | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of Women. | Children. | Operatives generally. | Number of persons employed at the end of the year. Men. | Women. | Children. | Maximum number of hands employed on any day during the year. Adults. | Children | Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total of (a) to (i). | Under section 15 (2) of the Factory Act. | Total number of persons convicted. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | |
| .. | .. | 7th Dec. 1895. | 94 | 13 | 22 | 22 | Maintained. The names of six boys are not entered in registers C and D. | Put up. .. | Yes .. | Fair .. | Good. | Good. | Good. | 96 | 7 | .. | 173 | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 5. Messrs. Burnett and Son's Plantation House Works at Malaparamba in Kottuli amsom.* | Mr. T. J. Ferguson. | 31st Dec. 1895. | 56 | 438 | 1 | .. | Not maintained. The attention of the Manager has again been drawn to this omission. | Not put up. | Do. .. | Do. . | Do. | Do. | Do. | 52 | 438 | 4 | 650 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 6. Basel Mission Tile Works, Kodakal. | Mr. F. W. Boas. | 21st Sept. 1895. | 124 | 77 | .. | .. | B, C and D *nil*. E maintained, but not written up daily. The Manager has been requested to make entries daily. | (1) and (2) yes. 3 not put up, but the hours of leisure are noted in form F. The Manager has been requested to put up a special notice in a conspicuous place. | Do. .. | | | | | | | | | | | | | | | | | | | | | |

*Water-supply.*—From a well or wells. The water is stored in an open tub and the operatives dip cups inside and take water. It would be better to get a closed vessel with a delivery tank. Ventilation good.
*Sanitation*—The District Medical and Sanitary officer in his recent inspection has suggested certain improvements. The Manager states that he intends to flush the latrines with pumped water and collect the foul water in tubs and to empty the tubs in a distant field. This is a very excellent arrangement if carried out. It is hoped that this will be put in force at an early date.
*Accommodation* sufficient.

* Worked for five months only.

## Statement No 2 to accompany the Administration Report on Factories for 1895 in the Malabar district.

| Name of Factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. Men. | Women. | Children. | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 28, (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of Women. | Children. | Operative generally. | Number of persons employed at the end of the year. Men. | Women. | Children. | Maximum number of hands employed on any day during the year. Adults. | Children. | Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factories Act, clauses (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total of (a) to (i). | Under section 15 (2) of the Factory Act. | Total number of persons convicted. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | |
| 1. Pallicoon Coffee Curing Works, Tellicherry. | Mr. R. Tetham. | 23rd Feb. 1895. | .. | 150 | .. | .. | C. No children. D. Do. E. Kept. .. Form B. kept in the office of the Joint Magistrate and Inspector of Factories. | Yes; 2 and 3 not hung up in a conspicuous place. | Yes. .. | Excellent. | Good. | .. | Good. | Not known. | | | 474 | .. | .. | | | | | | | | | | | | |
| 2. The Malabar Spinning and Weaving Company's (Limited) Cotton Mill at Calicut in Pannian-kara amsom, Calicut taluk. | Mr. W. Moir. | 5th Apr. 1895. | 476 | 32 | 19 | 19 | Maintained .. | Put up .. | Do. .. | Fair .. | Do. | Good. | Do. | .. | .. | .. | .. | .. | .. | | | | | | | | | | | | |
| .. | .. | 20th Nov. 1895. | 520 | 43 | 32 | 32 | Do. .. | Yes, but t entries in the notice under section 10 have faded away. Fresh notice has been ordered to be hung up. | Do. .. | Do. .. | Do. | Do. | Do. | 495 | 37 | 40 | 563 | 45 | .. | | | | | | | | | | | | |
| .. | .. | 23rd Dec. 1895. | 454 | 33 | 32 | 32 | Do. .. | Put up .. | Do. .. | Do. .. | Do. | Do. | Do. | .. | .. | .. | .. | .. | .. | | | | | | | | | | | | |





## Statement No. 1 to accompany the Annual Administration Report on Factories for 1895 in the Malabar district.

| Name and locality of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. Adults. Males. | Females. | Total. | Children. Males. | Females. | Total. | Total of columns 8 and 11. | Whether factory is worked mainly (1) by shifts, (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, (2) on varying week days, or (3) whether factory is exempted under section 5-B (2) (c) or (4) under section 2-B (2) (d) of the Act, or (5) otherwise worked. | Number of accidents reported during the year. Fatal. | Serious. | Minor. | Total. | Number of inspections held during the year. By Magistrates. | By Special Inspector of Factories. | By Medical officers. | By other officers (if any). | Total. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 1. Pallicoon Coffee Curing Works, Tellicherry. | Coffee-curing. | By steam .. | 20 horse-power. | 36 | 168 | 204 | .. | .. | .. | 204 | By shifts and midday stoppages. | Sunday holidays given. | .. | .. | .. | .. | 1 | .. | 3 | .. | 4 | *Abstract.* Total number of factories 7 |
| 2. The Malabar Spinning and Weaving Company's (Limited) Cotton Mill at Calicut in Panniankara amsom, Calicut taluk. | Manufacture of cotton yarn. | One compound engine for condensing capable of working 500 indicated horse-power. | 500 indicated horse-power. | 465 | 30 | 495 | 34 | .. | 34 | 529 | By midday stoppages. | General holidays on Sundays except when other days are substituted for them in accordance with the Act. | .. | .. | 4 | 4 | 3 | .. | 2 | .. | 5 | Cotton mills .. 1 Tile works 4 Coffee works .. 2 |
| 3. The Mercantile Mission Tile Works at Calicut in Kottuli amsom, Calicut taluk. | Manufacture of tiles. | Steam-engine. | One engine of 23 to 25 horse-power. | 180 | 50 | 230 | .. | .. | .. | 230 | Do. | Do. | .. | .. | .. | .. | 3 | .. | 5 | .. | 8 | Number of factories inspected *once* .. 2 |
| 4. The Calicut Tile Works in Cheruvanur amsom, Calicut. | Do. .. | Do. .. | One engine of 35 horse-power. | 70 | 6 | 76 | 2 | .. | 2 | 78 | Do. | Do. | .. | .. | 3 | 3 | 3 | .. | 3 | .. | 6 | Number of factories inspected *thrice* .. 5 |
| 5. Messrs. Burnett and Son's Plantation House Work at Malaparamba in Kottuli amsom, Calicut taluk. | Coffee-curing and packing cinchona bark. | Do. .. | Two steam engines of 25 and 10 horse-power, respectively. | 25 | 145 | 170 | 4 | .. | 4 | 174 | Do. | Do. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | |
| 6. Basel Mission Tile Works, Kodacal, Athavanad amsom, Ponnáni taluk. | Tile manufactory. | Do. .. | 14 horse-power. | 131 | 86 | 217 | .. | .. | .. | 217 | Do. | No work on Sundays and other christian holidays. | .. | .. | .. | .. | 3 | .. | 2 | .. | 5 | |
| 7. Basel Mission Brick Tile Factory, Olavakkót, Palghat. | Do. | Do. .. | 16 horse-power. | 267 | 57 | 324 | 5 | 1 | 6 | 330 | Do. | Do. | .. | .. | 2 | 2 | 3 | .. | 2 | .. | 5 | |

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

| Place. | Male. | Female. | Children. |
|---|---|---|---|
| | Rate of wages per month. | Rate of wages per month. | Rate of wages per month. |
| | Rs. | Rs. | Rs. |
| Madura Town Mills Company (Limited) .. .. .. .. | 7 to 8 | 5 to 6 | 3 to 4 |
| Madura Taluk, Rural tracts .. .. .. .. .. .. | 5 to 7 | 4 to 5 | 2 to 3 |

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

2. The Madura Mills Company is the only factory in the district which comes within the scope of the Act.

3. All the material points are dealt with in the Deputy Magistrate's report, but it should be explained with reference to paragraph 5 that shifts A, B and C constitute a morning gang working from 6 to 12 and shifts D, E and F a separate afternoon gang working from 12 to 6.

(Signed) J. TWIGG,
*District Magistrate.*

Madura,
1*st April* 1896.

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From J. HEWETSON, Esq., I.C.S., Acting District Magistrate, Malabar, to the Chief Secretary to Government, dated Calicut, 16th April 1896, No. 633-Magl.

I have the honour to submit my report for the year 1895 on the working of the Indian Factories Act XV of 1881 as amended by Act XI of 1891. The statements prescribed in G.O., No. 1315, Judicial, dated 22nd July 1892, accompany.

2. *Number of Factories.*—Of the eight factories which stood on the register at the beginning of the year under report, the Mammally Coffee Works has been exempted from the provisions of the Act and removed from the register, as the Manager effected certain alterations in the premises whereby the hands employed in picking coffee and in similar operations are completely separated from those employed on processes aided by machinery. The present report therefore deals with the following seven factories :—

(1) The Pallicoon Coffee Curing Works, Tellicherry.
(2) The Malabar Spinning and Weaving Company (Limited), Calicut.
(3) The Mercantile Mission Tile Works, Calicut.
(4) The Calicut Tile Works, Calicut.
(5) Messrs. Burnett and Son's Plantation House Works at Malaparamba, Calicut.
(6) Basel Mission Tile Works, Kodakal, Ponnáni ; and
(7) Olavakkót Mission Tile Factory, Palghat.

3. *Inspections.*—The Pallicoon Coffee Curing Works and the Plantation House Works at Malaparamba were inspected once during the year ; the latter working only for five months of the year. In the case of the remaining factories the prescribed number of inspections were made.

The defects noticed at inspections were generally remedied on their being pointed out to the managers concerned. The Manager of the Plantation House Works at Malaparamba has, however, omitted to maintain the C, D and E registers. The same omission was noticed in the previous year also and the attention of the Manager has again been drawn to the matter.



At the Basel Mission Tile Works at Olavakkót ten females noted in the registers as children were found at inspection to be clearly over fourteen years of age. The Manager explained that no particular attention was paid to the registry of these females as they were employed not by the factory directly, but by contractors under the factory. The Manager has been ordered to transfer these females to Register E.

4. *Sanitary Condition.*—The sanitary condition and the sanitary arrangements at all the factories were on the whole good. The premises were all clean and the buildings well ventilated. There was also ample supply of drinking water at all the factories. Sufficient latrine accommodation was also provided for the operatives.

5. *Health of the Operatives.*—The general health of the operatives was good. All the factories adopt the system of midday stoppages and the hours of relaxation prescribed by the rules seem to have been allowed. There was no complaint of overwork.

6. *Wages.*—The daily wages paid at the several factories in the Calicut division generally range from 3 to 5 annas in the case of men, from 2 to 3 annas in the case of women, and from 1 to $2\frac{1}{2}$ annas in the case of children. At the factory in Tellicherry the average monthly wages of males is Rs. 7 and of females Rs. 4. The wages paid at the factories compare favourably with those earned by common agricultural labourers. There was no complaint of non-payment of wages or of ill-treatment of operatives during the year.

7. *Employment of Women and Children.*—Children were not employed in the Mission Tile Works at Calicut or in the Tile Works at Kodakal. Women were employed at all the factories. At the factory in Tellicherry they were employed in garbling coffee. In the Malabar Spinning and Weaving Company women were employed in picking and cleaning cotton and in reeling ; in the Coffee Works in the Calicut division they were employed in drying coffee and picking up berries, and in the Tile Works in taking clay and tiles to and fro.

8. The certifying Medical officer inspected all the factories except Messrs. Burnett and Son's Plantation House Works at Malaparamba which, as already stated, worked only for five months of the year. Factory No. 3 was inspected five times ; Nos. 1 and 4 thrice each, and the remaining three factories twice during the year.

9. *Fencing of Machinery.*—The machinery at all the factories is properly fenced and sufficiently protected.

10. *Accidents.*—Nine accidents were reported during the year under report against eight in the previous year. They were all of a minor nature and none of them was caused by any defect in the fencing of the machinery.

11. As in the previous year there were no prosecutions under the Act.

## APPENDIX.

| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. Men. | Women. | Children. | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23 and (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of Women. | Children. | Operatives generally. | Number of persons employed at the end of the year. Men. | Women. | Children. | Maximum number of hands employed on any day during the year. Adults. | Children. | Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of Factories Act, clauses (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total of (a) to (i) | Under section 15 (2) of the Factories Act. | Total number of persons convicted. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | |
| Madura Mills Company (Limited). | Mr. Hunter | 1895. 21st Feb. .. | 514 | 262 | 463 | 227 | Yes .. | Yes .. | Yes. | Good.. | Good. | Good. | Good.. | 766 | 272 | 372 | 1018 | 431 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 3rd Sept. | 505 | 248 | 403 | 202 | Do. .. | Do. .. | Do. | Do. .. | Do. | Do. | Do. .. | | | | | | | | | | | | | | | | |
| | | 22nd Oct... | 618 | 283 | 415 | 208 | Do. .. | Do. .. | Do. | Do. .. | Do. | Do. | Do. .. | | | | | | | | | | | | | | | | |
| | | 20th Dec... | 635 | 284 | 453 | 234 | Do. .. | Do. .. | Do. | Do. .. | Do. | Do. | Do. .. | | | | | | | | | | | | | | | | |



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

| Serial number of factory. | Name (and locality) of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. Adults. Males. | Females. | Total. | Children. Males. | Females. | Total. | Total of columns 8 and 11. | Whether the factory is worked mainly (1) by shifts or (2) by midday stoppages or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (c) or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked. | Number of accidents reported during the year. Fatal. | Serious. | Minor. | Total. | Number of inspections held during the year. By Magistrates. | By Special Inspector of Factories. | By Medical Officers. | By other Officers (if any). | Total. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | Madura Mills Company (Limited), Madura town. | Manufacture of cotton yarn. | By a pair of steam engines. | 900 indicated horse-power. | 605 | 204 | 809 | 385 | .. | 385 | 1,194 | By midday stoppage. | Holidays on Sundays when suitable, if not then holidays varying on week days. | .. | .. | 1 | 1 | 4 | .. | 4 | .. | 8 | *Abstract (District Totals).* Total number of factories 1; Cotton mills .. .. 1; Total .. 1. Number of factories inspected more than three times during the year .. 1 |

APPENDIX—*cont.*

| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1, under section 15 (1) of the Factories Act, clauses (*a*), (*b*), (*c*), (*d*), (*e*), (*f*), (*g*), (*h*), (*i*), section 15 (2). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Men. | Women. | Children. | | | | | | Operatives generally. | Children. | Women. | Men. | Women. | Children. | Adults. | Children. | |
| Government Press .. | Mr. R. Hill .. .. | 26th Jan. 1895 .. | 824 | 6 | .. | .. | Register E maintained. | Yes | Yes | Good. | Good. | .. | Good. | 821 | 7 | .. | 868 | .. | *Nil.* |
| | | 6th May ,, .. | 801 | 7 | .. | .. | | | | | | | | | | | | | |
| | | 16th Oct. ,, .. | 841 | 6 | .. | .. | | | | | | | | | | | | | |
| Lawrence Asylum Press .. | Mr. H. Plumbe .. | 8th Feb. ,, .. | 311 | 1 | .. | 15 | Do. | Do. | Do. | Do. | Do. | .. | Do. | 340 | 1 | .. | 345 | .. | Do. |
| | | 12th June ,, .. | 326 | 1 | .. | 12 | | | | | | | | | | | | | |
| | | 7th Nov. ,, .. | 345 | 1 | .. | 1 | | | | | | | | | | | | | |
| Basin Foundry .. .. | Mr. C. Gopal Naiker. | 30th Jan. ,, .. | 60 | .. | .. | 9 | No | Do. | Do. | Do. | Do. | .. | Do. | 63 | .. | .. | 78 | .. | Do. |
| | | 30th May ,, .. | 63 | .. | .. | 9 | | | | | | | | | | | | | |
| | | 24th Oct. ,, .. | 74 | .. | .. | 20 | | | | | | | | | | | | | |
| Moothian Chetty & Co. .. | Mr. Moothian Chetty. | 29th Jan. ,, .. | 32 | .. | .. | 15 | Yes (except E). | Yes | Do. | Do. | Good. | Good. | .. | 37 | .. | 18 | 48 | 14 | Do. |
| | | 29th May ,, .. | 29 | .. | .. | 12 | | | | | | | | | | | | | |
| | | 28th Oct. ,, .. | 11 | .. | .. | 1 | | | | | | | | | | | | | |
| Raju & Co. .. .. | Mr. D. Raju Moodely. | 23rd April ,, .. | 73 | .. | .. | 9 | Do. | Do. | Do. | Do. | Do. | Do. | Do. | 85 | .. | 20 | 85 | 20 | Do. |
| | | 8th Aug. ,, .. | 94 | .. | .. | 9 | | | | | | | | | | | | | |
| | | 23rd Dec. ,, .. | 85 | .. | .. | 20 | | | | | | | | | | | | | |
| Municipal Workshops .. | Mr. S. Loane .. .. | 6th Feb. ,, .. | 252 | .. | .. | .. | No | No | Do. | Do. | Do. | .. | Do. | 119 | .. | .. | 389 | .. | Do. |
| | | 6th June ,, .. | 205 | .. | .. | .. | | | | | | | | | | | | | |
| | | 17th Dec. ,, .. | 326 | .. | .. | .. | | | | | | | | | | | | | |
| Government Brick Fields | Mr. P. Mahony .. | 19th April ,, .. | 179 | 92 | .. | .. | Register E maintained. | Do. | Do. | Do. | Good. | .. | Do. | 148 | 122 | .. | 345 | .. | Do. |
| | | 17th Aug. ,, .. | 189 | 118 | .. | .. | | | | | | | | | | | | | |
| | | 21st Dec. ,, .. | 143 | 105 | .. | .. | | | | | | | | | | | | | |
| School of Arts .. .. | Mr. E. Holder .. | 20th April ,, .. | 139 | 1 | .. | 20 | Yes | Do. | Do. | Do. | Do. | Good. | Do. | 178 | 2 | 19 | 190 | 19 | Do. |
| | | 25th July ,, .. | 168 | 2 | .. | 19 | | | | | | | | | | | | | |
| | | 19th Dec. ,, .. | 188 | 2 | .. | 19 | | | | | | | | | | | | | |
| P. Orr & Sons .. .. | Mr. R. G. Orr .. | 1st Mar. ,, .. | 408 | .. | .. | .. | Yes (except E). | Do. | Do. | Do. | Do. | Do. | Do. | 262 | .. | 24 | 404 | 24 | Do. |
| | Mr. W. Emery .. | 30th July ,, .. | 257 | .. | .. | 23 | | | | | | | | | | | | | |
| | | 11th Dec. ,, .. | 262 | .. | .. | 24 | | | | | | | | | | | | | |
| Her Majesty's Penitentiary. | Mr. D. A. McCready. | 8th Mar. ,, .. | 351 | .. | .. | .. | No | Do. | Do. | Do. | Do. | .. | Do. | 348 | .. | .. | 363 | .. | Do. |
| | | 12th July ,, .. | 363 | .. | .. | .. | | | | | | | | | | | | | |
| | | 16th Dec. ,, .. | 306 | .. | .. | .. | | | | | | | | | | | | | |
| Madras Brick, Tile and Iron Works. | Mr. P. Ramasawmy Naidu. | 27th April ,, .. | 114 | 57 | .. | 6 | Yes | Do. | Do. | Do. | Do. | Good. | Good. | 76 | 20 | .. | 171 | 6 | Do. |
| | | 26th Dec. ,, .. | 76 | 20 | .. | .. | | | | | | | | | | | | | |
| | | 13th July ,, .. | 100 | 25 | .. | .. | | | | | | | | | | | | | |
| Deschamps & Co. .. | Mr. Louis Lornet .. | 6th May ,, .. | 73 | .. | .. | .. | No | Do. | Do. | Do. | Do. | .. | Do. | 56 | .. | .. | 73 | .. | Do. |
| | | 9th Aug. ,, .. | 10 | .. | .. | .. | | | | | | | | | | | | | |
| | | 10th Oct. ,, .. | 61 | .. | .. | .. | | | | | | | | | | | | | |



Copy of communication from the Deputy Magistrate, Mélúr Division, to the District Magistrate, Madura, dated 27th March 1896, Dis. No. 94, Magl.

I have the honour to submit my report under the Factories Act XV of 1881 for the year 1895 with the prescribed statements.

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

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

21st February 1895.
3rd September ,,
22nd October ,,
20th December ,,

4. The factory was inspected four times on the dates mentioned in the margin—once by my predecessor and thrice by me—during the year under report.

5. During my inspections I found that the prescribed registers have all been properly maintained, that the ages of children have been certified by the medical officer, and that those below nine years have not been entertained. Notices required by section 6, clause 3, and section 7, clause 4, of the Act have been put up in a conspicuous place of the factory. Subjoined is the table showing the interval of rest granted to children as arranged with reference to G.O., No. 1244, dated 13th June 1895 :—

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

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

7. The children are not employed in machine work. The dangerous parts of the machinery are properly fenced and are not accessible to the operatives and visitors. The manager explained to me the manner of adjustment of belting on machinery while in motion, and I think there will be no occasion for the occurrence of any accident, as experienced adults only are employed on this duty. The manager further states that all the recommendations mentioned in G.O., No. 1370, dated 27th June 1895, are being carried out in the mill. There was only one accident during the year under report in which a boy, aged about 15, carelessly placed his right hand between two tin rollers of a machine and received a fracture in the right arm. He was at once removed to the hospital. The accident was a minor one.

8. The women and children are not employed before 5 A.M. and after 8 P.M. The women are employed as piece-workers and the E form register is properly maintained. Generally the operatives are not overworked, and the wages are regularly paid to them.

A statement referred to in paragraph 4 of the Resolution of the Government of India, regarding the rates of wages paid by the Company to the operatives as compared with the local rates, is also enclosed.

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

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

11. The present manager, Mr. Hunter, is, I believe, bestowing every attention to the health and comfort of the operatives. He has afforded every facility during my inspections.

| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1 under section 15 (1) of the Factories Act, clauses (*a*), (*b*), (*c*), (*d*), (*e*), (*f*), (*g*), (*h*), (*i*), section 15 (2). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Men. | Women. | Children. | | | | | | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | |
| Gun Carriage Factory .. | Captn. C. C. Townsend R.A. | 6th Mar. 1895 .. | 272 | 2 | .. | .. | Register E maintained. | Yes .. | Yes. | Good. | Good. | .. | Good. | 702 | 1 | .. | 956 | .. | *Nil.* |
| | | 19th July ,, .. | 955 | 1 | .. | .. | | | | | | | | | | | | | |
| | | 18th Dec. ,, .. | 731 | 1 | .. | .. | | | | | | | | | | | | | |
| Southern India Spinning and Weaving Mill. | Cowasjee Jehangheer | 8th Jan. ,, .. | 734 | 21 | .. | .. | Do. | Do. .. | Do. | Do. | Do. | .. | Do. | 860 | 14 | .. | 874 | .. | Do. |
| | | 10th May ,, .. | 719 | 17 | .. | .. | | | | | | | | | | | | | |
| | | 8th July ,, .. | 808 | 20 | .. | .. | | | | | | | | | | | | | |
| | | 13th Dec. ,, .. | 819 | 15 | .. | .. | | | | | | | | | | | | | |
| Madras Harbour Works .. | Mr. A. Lee Pogson .. | 19th Jan. ,, .. | 340 | 3 | .. | .. | Do. | Do. .. | Do. | Do. | Do. | .. | Do. | 374 | 12 | .. | 414 | .. | Do. |
| | | 11th May ,, .. | 309 | 2 | .. | .. | | | | | | | | | | | | | |
| | | 1st Oct. ,, .. | 402 | 11 | .. | .. | | | | | | | | | | | | | |
| Napier Works .. | Mr. A. S. Mas-ey .. Mr. A. W. Rosling .. | 26th Feb. ,, .. | 217 | .. | .. | .. | Do. | Do. .. | Do. | Do. | .. | .. | Do. | 246 | .. | .. | 287 | .. | Do. |
| | | 17th June ,, .. | 171 | .. | .. | .. | | | | | | | | | | | | | |
| | | 20th Nov. ,, .. | 212 | .. | .. | .. | | | | | | | | | | | | | |
| Public Works Workshops. | Mr. J. H. W. Ellis .. | 24th Jan. ,, .. | 158 | .. | .. | .. | Do. | Do. .. | Do. | Do. | .. | .. | Do. | 239 | .. | .. | 253 | .. | Do. |
| | | 27th May ,, .. | 187 | .. | .. | .. | | | | | | | | | | | | | |
| | | 8th Oct. ,, .. | 227 | .. | .. | .. | | | | | | | | | | | | | |
| Madras United Spinning and Weaving Mill. | Mr. E. F. Moody .. | 20th Feb. ,, .. | 575 | 27 | 60 | 60 | Yes .. | Do. .. | Do. | Do. | Good. | Good. | Do. | 687 | 16 | 60 | 712 | 64 | Do. |
| | | 14th June ,, .. | 590 | 18 | 47 | 47 | | | | | | | | | | | | | |
| | | 28th Nov. ,, .. | 657 | 17 | 33 | 33 | | | | | | | | | | | | | |
| Buckingam Mill .. .. | Mr. T. A. Wilkinson | 25th Apr. ,, .. | 1,710 | 70 | 165 | 165 | Do. .. | Do. .. | Do. | Do. | Do. | Do. | Do. | 1,919 | 91 | 143 | 2,137 | 149 | Do. |
| | | 27th Aug. ,, .. | 1,801 | 92 | 135 | 135 | | | | | | | | | | | | | |
| | | 24th Dec. ,, .. | 2,019 | 89 | 141 | 141 | | | | | | | | | | | | | |
| Carnatic Mill .. .. | Mr. James Fowler .. | 26th Apr. ,, .. | 1,493 | .. | 124 | 124 | Do. .. | Do. .. | Do. | Do. | Do. | Do. | Do. | 1,728 | 55 | 134 | 1,832 | 133 | Do. |
| | | 29th Aug. ,, .. | 1,573 | 52 | 131 | 131 | | | | | | | | | | | | | |
| | | 24th Dec. ,, .. | 1,740 | 55 | 134 | 134 | | | | | | | | | | | | | |
| Cement Works .. .. | Mr. W. H. Casebourne | 4th Feb. ,, .. | 258 | 101 | 17 | 17 | Do. .. | Do. .. | Do. | Do. | Do. | Do. | Do. | 377 | 116 | 44 | 513 | 41 | Do. |
| | | 10th June ,, .. | 295 | 117 | 8 | 8 | | | | | | | | | | | | | |
| | | 20th Nov. ,, .. | 324 | 111 | 31 | 31 | | | | | | | | | | | | | |
| Bee Hive Foundry .. | Mr. R. D. Frier .. | 21st Jan. ,, .. | 124 | .. | 12 | 12 | Yes, except E. | Do. .. | Do. | Do. | .. | Do. | Do. | 114 | .. | 8 | 130 | 11 | Do. |
| | | 14th May ,, .. | 115 | .. | 9 | 9 | | | | | | | | | | | | | |
| | | 2nd Oct. ,, .. | 113 | .. | 10 | 10 | | | | | | | | | | | | | |
| Simpson & Co. .. | Mr. G. W. Cuddon .. Mr. E. Troup .. | 28th Jan. ,, .. | 239 | .. | 12 | 12 | Do. | Do. .. | Do. | Do. | .. | Do. | Do. | 277 | .. | 7 | 297 | 8 | Do. |
| | | 28th May ,, .. | 264 | .. | 7 | 7 | | | | | | | | | | | | | |
| | | 30th Oct. ,, .. | 295 | .. | 7 | 7 | | | | | | | | | | | | | |
| Reliance Foundry .. | Mr. G. H. Morse .. | 22nd Jan. ,, .. | 97 | .. | .. | .. | No .. | Do. .. | Do. | Do. | .. | .. | Do. | 74 | .. | .. | 97 | .. | Do. |
| | | 17th May ,, .. | 55 | .. | .. | .. | | | | | | | | | | | | | |
| | | 7th Oct. ,, .. | 76 | .. | .. | .. | | | | | | | | | | | | | |







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

| Serial number of factory. | Name and locality of factory. | Nature of industry. | Nature of moving power. | Amount of moving power | Average daily number of operatives employed. | | | | | | | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked. | Number of accidents during the year. | | | | Number of inspections during the year. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | Total of columns 8 and 11. | | | Fatal. | Serious. | Minor. | Total. | | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 20 | School of Arts, Poonamallee Road. | Pottery, carpentry, carpet, silver, &c., work. | 4 horse-power engine. | 1 | 94 | 1 | 95 | 20 | .. | 20 | 115 | Midday stoppages, and children by shifts. | Sundays and Government holidays. | .. | .. | .. | .. | 3 | |
| 21 | P. Orr & Sons, Mount Road. | Jewellers, silversmiths, &c. | 8 do. do. | 1 | 292 | .. | 292 | 30 | .. | 30 | 322 | Do. do. | Sundays .. .. .. | .. | .. | .. | .. | 3 | |
| 22 | Her Majesty's Penitentiary, Madras. | Carpentry .. | 6 do. do. | 1 | 219 | .. | 219 | .. | .. | .. | 219 | Midday stoppages. | Sundays, Good Friday and Christmas Day. | .. | .. | .. | .. | 3 | |
| 23 | Madras Brick, Tile and Iron Works, Coonoor Road. | Brick, tile, pottery making, casting and founding iron. | 15 do. do. | 1 | 76 | 20 | 96 | .. | .. | .. | 96 | Do. do. | Sundays .. .. .. | .. | 1 | .. | 1 | 3 | Brought on register on 1st April 1895. |
| 24 | Deschamps & Co., Mount Road. | Furniture manufacture. | 20 do. do. | 1 | 55 | .. | 55 | .. | .. | .. | 55 | Do. do. | Do. .. .. .. | .. | .. | .. | .. | 3 | Brought on register on 6th May 1895. |
| | | | Total .. | .. | 9,348 | 360 | 9,708 | 495 | 10 | 505 | 10,213 | | | 3 | 12 | 133 | 148 | 73 | |

## Form I.

### Statement to accompany Annual Report on the working of the Factories Act in the Madras City during the year 1895.

| Serial number of factory. | Name and locality of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | | | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked. | Number of accidents during the year. | | | | Number of inspections during the year. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | Total of columns 8 and 11. | | | Fatal. | Serious. | Minor. | Total. | | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | | | | | | | | | | | | | | | *Abstract.* |
| 1 | Gun Carriage Factory, New Town, Madras. | Ordnance and miscellaneous works for Army service. | 96 horse-power engines.<br>96 horse-power boilers. | 7<br>7 | 632 | 1 | 633 | .. | .. | .. | 633 | Midday stoppages. | Sundays and holidays .. | .. | 2 | 77 | 79 | 3 | Iron foundries 7<br>Cotton mills 4<br>Brick and tile works. 4<br>Printing Presses. 2<br>Carpentry works 1<br>Coach building 1<br>Furniture manufacture. 1<br>Miscellaneous works. 4<br>Total .. 24 |
| 2 | Southern India Spinning and Weaving Mill, Rayapuram. | Spinning yarn | 80 horse-power engine.<br>30 do. do. | 1<br>1 | 751 | 19 | 770 | .. | .. | .. | 770 | Do. do. | Sundays and Hindu holidays. | 1 | .. | 4 | 5 | 4 | |
| 3 | Madras Harbour Works, North Beach. | Depositing concrete blocks and working machine. | 40 horse-power engines.<br>8 horse-power travelling cranes.<br>10 horse-power Titan cranes.<br>Loco. engines .. | 2<br>3<br>3<br>6 | 374 | 12 | 386 | .. | .. | .. | 386 | Do. do. | Sundays and commercial holidays. | 1 | 1 | 3 | 5 | 3 | |
| 4 | Napier Works, Korookoopet. | General engineering. | 10 horse-power engine. | 1 | 250 | .. | 250 | .. | .. | .. | 250 | Do. do. | Sundays .. .. .. | .. | 1 | 2 | 3 | 3 | Inspected four times. 1<br>Inspected three times. 23<br>Total .. 24 |
| 5 | Public Works Workshops, Seven Wells. | Miscellaneous kind of work. | 10 horse-power engine.<br>8 do. do.<br>6 do. do.<br>4 do. do. | 1<br>1<br>1<br>1 | 250 | .. | 250 | .. | .. | .. | 250 | Do. do. | Sundays and Government holidays. | .. | 1 | .. | 1 | 3 | |
| 6 | Madras United Spinning and Weaving Mill, Chulai. | Cotton-spinning. | 300 horse-power steam engine. | 1 | 622 | 22 | 644 | 94 | .. | 94 | 738 | Adults by midday stoppages, and children by shifts. | Sundays and Hindu holidays. | .. | .. | 1 | 1 | 3 | |
| 7 | Buckingham Mill, Perambúr. | Cotton-spinning. | 700 horse-power steam engine.<br>600 horse-power steam engine. | 1<br>1 | 1,847 | 72 | 1,919 | 175 | 6 | 181 | 2,100 | Do. do. | Do. do | 1 | .. | 7 | 8 | 3 | |
| 8 | Carnatic Mill, Perambúr. | Cotton-spinning. | 1,300 horse-power steam engine. | 1 | 1,558 | 25 | 1,583 | 119 | .. | 119 | 1,702 | Do. do. | Do. do. | .. | 4 | 27 | 31 | 3 | |
| 9 | Cement Works, Korookoopet. | Manufacture of cement, bricks, tiles and concrete pipes. | 30 horse-power engine.<br>25 do. do.<br>8 do. do. | 1<br>1<br>1 | 259 | 91 | 350 | 15 | 4 | 19 | 369 | Do. do. | Do. do. | .. | 1 | 6 | 7 | 3 | |



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

| Serial number of factory. | Name and locality of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | | | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 B (2) (*c*), or (4) under section 5 B (2) (*d*) of the Act, or (5) otherwise worked. | Number of accidents during the year. | | | | Number of inspections during the year. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | Total of columns 8 and 11. | | | Fatal. | Serious. | Minor. | Total. | | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 10 | Bee Hive Foundry, Popham's Broadway. | Engineers, iron and brass foundry. | 12 horse-power engine.<br>4 do. do. | 1<br>1 | 120 | .. | 120 | 12 | .. | 12 | 132 | Adults by midday stoppages, and children by shifts. | Sundays; half a day on Saturday. | .. | .. | .. | .. | 3 | |
| 11 | Simpson & Co., Mount Road. | Coach building. | 10 do. do. | 1 | 148 | .. | 148 | 7 | .. | 7 | 155 | Do. do. | Sundays and commercial holidays. | .. | .. | .. | .. | 3 | |
| 12 | Reliance Foundry, Yagatha Koil Street. | Iron and brass founding. | 10 do. do.<br>6 do. do. | 1<br>1 | 73 | .. | 73 | .. | .. | .. | 73 | Midday stoppages. | Do. do. | .. | .. | 4 | 4 | 3 | |
| 13 | Government Press, Mint Buildings. | Printing, binding, type founding, &c. | 8 do. do. | 1 | 822 | 6 | 828 | .. | .. | .. | 828 | Do. do. | Sundays .. .. .. | .. | .. | 2 | 2 | 3 | |
| 14 | Lawrence Asylum Press, Mount Road. | Printing, binding, type founding, and book selling and stationery suppliers. | 12 do. do. | 1 | 299 | 1 | 300 | .. | .. | .. | 300 | Do. do. | Sundays; half a day on Saturdays. | .. | .. | .. | .. | 3 | |
| 15 | Moothian Chetty & Co., Washermanpet. | Iron safe manufacturers. | Milling-power ..<br>Punching-machine ..<br>Miscellaneous .. | 2<br>2<br>2 | * 40 | .. | 40 | 15 | .. | 15 | 55 | Adults by midday stoppages, and children by shift. | Sundays and holidays .. | .. | .. | .. | .. | 3 | * Manual labour. |
| 16 | Basin Foundry, Buckingham Canal. | Iron founding. | 12 horse-power engine.<br>8 do. do. | 1<br>1 | 69 | .. | 69 | .. | .. | .. | 69 | Midday stoppages. | Sundays and Hindu festivals. | .. | .. | .. | .. | 3 | |
| 17 | Raju & Co., Mylapore. | Iron works, foundry, &c. | 20 do. do. | 1 | 96 | .. | 96 | 8 | .. | 8 | 104 | Adults by midday stoppages, and children by shifts. | Do. do. | .. | .. | .. | .. | 3 | |
| 18 | Municipal Workshops, Black Town. | Casting, fitting engines and carpentering. | Manual machinery .. | Manual labour. | 255 | .. | 255 | .. | .. | .. | 255 | Midday stoppages. | Sundays .. .. .. | .. | .. | .. | .. | 3 | |
| 19 | Government Brick-fields, Egmore. | Making bricks and tiles. | 12 horse-power engine. | 1 | 147 | 90 | 237 | .. | .. | .. | 237 | Do. do. | Do. .. .. .. | .. | .. | 1 | .. | 1 | 3 |

the knee. He was removed to the General Hospital, where his right leg was amputated at once ; later on his left leg also was amputated and he died on the 23rd August. An inquest was held and the *post-mortem* disclosed septicæmia following double amputation of legs, and the verdict arrived at was : " Blood poisoning after amputation of both legs for compound fracture accidentally caused while stretching a rope."

7. *Wages and the General Condition of the Operatives.*—The operatives in the mills and factories are comparatively better paid than ordinary artizans and labourers available in the market. Their wages are also higher than those earned by coolies, carters and domestic servants in the town, and employment in these industries is preferred, as it is continuous and more reliable, and there is no distinction of caste, creed and classes and the time is not far distant (as these industries develop) when some difficulty will be experienced in securing domestic servants, as the children of such classes are fast obtaining employment in the different departments of the mills. There are now four cotton mills in this city employing on an average about 4,778 men, 138 women and 395 children. Those employed in the throstle department earn from 2 annas to Rs. 1-4-0 per diem, those in the roving frames from 2 annas to Rs. 2-4-0, and spinners from 3 annas to Rs. 1-10-0 per diem, while jobbers in charge of these departments who are skilled and trained operatives earn from Rs. 50 to Rs. 75 per mensem. In the iron works and foundries, smiths earn from 6 annas to Rs. 1-8-0 and fitters from 2 annas to Rs. 1-12-0 per diem, while in the carriage-building establishments the carpenters are paid from 6 annas to Re. 1 and painters from 4 annas to 10 annas per diem. The maistry carpenter and blacksmiths earn as a rule from Re. 1 to Rs. 1-8-0 per diem. The ordinary cooly woman earns as a rule from annas 2 to $2\frac{1}{2}$ per diem, but when she learns a profession like brick-making, she can command from $3\frac{1}{2}$ to 4 annas per diem. The wages at all these mills and factories are paid once a week, no payments being made for Sunday as these industries are closed that day. There have been no prosecutions during the year nor complaints of irregular payment.





3. There are now twenty-four factories in Madras City falling under the operations of the Act; the last two on my list—the Madras Brick, Tile and Iron Works situated in Otteri in the suburbs of the city, and Messrs. Deschamps & Co.'s on the Mount Road—were brought on my register during the year. The appendix gives the names of the factories, the dates on which they were inspected by me, and the number of persons employed in each at the end of the year. All the factories were inspected by me three times as required by the Act.

4. *Children.*—The marginally-noted mills continue to employ the largest number of children and work them in shifts. These children were all inspected by me during the year. They were allowed the usual holidays and appeared to be in good condition.

Buckingham Mills.
Carnatic Mills.
Madras United Spinning and Weaving Mills.

5. *Women.*—The number of women employed in factories is comparatively small. The largest number of them is employed in the Buckingham Mills, Cement Works, and Government Brick-fields, where they are utilized as coolies for carrying material from place to place. In the Cement Works some of them are employed in the enclosure where the material is being pulverized, and have to work with their mouths and nostrils well protected while they are engaged in conveying the powdered material to its place of storage. This non-lucrative labour and one that may be considered detrimental to health is largely availed of, and the operatives appear to be not only in good health but proof against contagious diseases. Flues, if possible, in this manufactory would be both beneficial and appreciated by those employed in close proximity to the crushing machines, as at times the cement dust is overwhelming.

6. *Accidents.*—There were 148 accidents during the year under review as against 165 during the previous year. In the Gun Carriage Factory there has been a marked improvement, there having been only 79 during the year as compared with 104 during the previous year, while in the Carnatic Mills there has been an increase from 9 to 31. Of these 148 accidents, 3 proved fatal, 12 were somewhat of a serious nature such as losses of fingers and toes, while the injuries sustained in the remaining 133 cases were of minor importance. In the year 1894 there were 4 fatal cases, 24 of a serious nature and 137 minor ones, showing a decrease all round. Of the three fatal accidents there was one in the Harbour Works, another in the Southern India Spinning Mill, and the third in the Buckingham Mills. In the Harbour Works one Alexander Mennie, who was in charge of the all-round Titan crane, was employed at the sea end of the southern groyne on the 15th January 1895. About 1 P.M. that day a block which had been removed from the sea, not being sufficiently raised, struck against the groyne, the deceased came along the gib of the crane to see if the block was landed properly and almost immediately after fell to the groyne and was found quite dead. An inquest was held. The autopsy showed fractures of frontal bone, left thigh and wrist and a lacerated wound about two inches in length, communicating with the broken bone beneath, situated over the left eye-brow. The verdict was : " Shock, the result of fracture of skull and other bones caused accidentally by a fall from a Titan crane." In the Southern India Spinning Mill on the 21st of May a boy named Valoo, aged 14 years, was sitting on the floor tapping a tin roller with a piece of hoop iron while it was in motion : his hand came in contact with the bands attached to the roller, and he was drawn under the throstle machine. The space between the two rollers being only an inch wide and his hand getting into this opening was crushed by the tin rollers and drawn in up to the shoulder, breaking his collar-bone and dislocating his elbow. He was attended to at once by the spinning master and removed to the General Hospital, where he died on the 22nd May 1895. An inquest in this case was also held, the *post-mortem* disclosing destruction of large blood-vessels and extensive multiple injuries, the verdict being—" Death from shock due to injuries received by getting entangled in machinery in the spinning mills accidentally." In the Buckingham Mills a man named Narasimmuloo, who was a turner in the mills, was employed with about fifty others on the 9th August 1895 by the 2nd Engineer to stretch a cotton rope in the compound ; the slings broke and the iron block to which the slings were attached flew forward and struck deceased on the legs, fracturing both of them below

From A. P. AGAR, Esq., Acting Commissioner of Police, to the Chief Secretary to Government, dated Madras, 20th March 1896, No. 33.

I have the honour to submit the annual reports for the year 1895 of the Deputy Commissioner of Police, as Inspector of Factories, and of the Medical Inspector of Factories, in the City of Madras.

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Enclosures.

From Surgeon-Captain D. SIMPSON, M.B., Medical Inspector of Factories for the Town of Madras, to the Commissioner of Police, dated Madras, 24th February 1896.

I have the honour to submit my report for the year 1895 on the sanitary condition of the factories—marginally noted—in the Town of Madras, inspections of which were ordered by G.O., No. 348, Judicial, dated 16th February 1895. The inspections, which were made quarterly in accordance with the order, commenced from the second quarter, so that each factory was inspected three times during the year, including the Railway Factory, Perambúr. The prescribed number of inspections for the year from 1st April was made except in the case of Messrs. Moothian Chetty & Co., Safe Manufacturers, whose number of employés in the third quarter fell below fifty on date of inspection. The amount drawn for the year on account of allowances was Rs. 625.

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

2. There were twenty-four factories on the list on 1st April 1895, and since then another one has been added, viz., Messrs. Deschamps & Co.

3. I examined into the condition of each factory under the following heads:—

I.—Water-supply.
II.—Ventilation.
III.—Latrine accommodation.
IV.—Overcrowding.
V—General condition.

I.—Water-supply.

The municipal taps were in most factories the source from which the supply was obtained. This supply is sufficient for ordinary wants, but in large factories such as the Buckingham, Carnatic and South India Cotton Mills, difficulty is experienced in the hot weather as the municipality have to shut off the water-supply for a couple of hours at midday. The Government Brick Fields, Napier Works (Massey & Co.), Harbour Works, Brick, Tile and Iron Works (Perambúr) and Victoria Works (Mylapore) are supplied with well-water for drinking. With regard to the Harbour Works, I have to remark on the desirability of introducing municipal water-supply for the employés at the construction works, as the well-water there does not appear to me to be suitable for drinking purposes.

II.—Ventilation.

Except in the case of cotton mills, this matter required little attention as the works in nearly all cases excepting these are conducted more or less in open buildings. With regard to cotton mills the *means* of ventilation in all cases were sufficient, but the difficulty is to admit of its being always carried out to the extent that a purely sanitary condition demands, inasmuch as a free current of air, if moist, interferes materially with the spinning. The means of overhead ventilation are well provided for in such a factory as the Carnatic Mill (there being no upper floors), and in all cases



where this is carried out as far as possible, it ought to prevent to a great extent any deleterious consequences that are likely to ensue from working in cotton mills in India.

III.—Latrine Accommodation.

This matter I examined into carefully and found that in most instances the accommodation was sufficient. In many cases the supervision was carefully seen to by managers or those in charge; in some attention was drawn to the importance of this subject. At four factories new latrines have been constructed during the year in consequence of the former sites having been found objectionable or on account of defects in the old.

IV.—Overcrowding.

No instance of this came under my observation during the year. Since then I have remarked upon what appeared to me to be an overcrowding of plant in one room in the South India Spinning and Weaving Mill, Ráyapuram, and have brought it to the notice of those in charge of the mill.

V.—General Condition.

All suggestions made by me with regard to the sanitary surroundings of factories were generally readily adopted and in no case was there anything demanding much outlay or time to place it in a satisfactory condition. I did not meet during the year with any serious neglect of the provisions of the Factory Act. In most cases ample surrounding space is available, so that the disadvantages of employés having to work in buildings which are surrounded and confined by others equally large, as in the manufacturing cities of England, do not arise. In the cotton mills the principal difficulty seems to be that of having to work in the hot weather in a superheated atmosphere in which fine particles of cotton fibre, dust, &c., are floating and in which a free perflation of air cannot at the same time be well carried out on account of the nature of the work.

4. *Women*—are not employed in the mills in Madras to any extent. They are employed as coolies in the Government Brick Fields, Poonamallee Road, Brick, Tile and Iron Works, Perambúr, Cement Works and Harbour Works. In the Harbour Works I have taken objection to their being employed by the contractor at the construction works to fill the baskets at the crushing machines on account of the excessive amount of irritating dust which is present. No arrangements are made to carry off the stone-dust by flues, or to save the women from it by any other mechanical contrivance. I have therefore for this reason, and on account of the continuous nature of the work, objected to women being so employed. Only a comparatively small number of women are engaged at these crushing machines, so that it does not necessarily affect the means of livelihood of many employés.

5. *Children.*—The number of children employed in factories in Madras is comparatively small and the work on which they are engaged is of a very light kind. It is almost entirely in cotton mills where they are engaged, and there is nothing in the light work in which they are employed to be at all injurious to their health and growth, provided their surroundings are maintained in a sanitary condition and the ordinary principles of health observed.

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From S. D. SIMPSON, Esq., Deputy Commissioner of Police and Inspector of Factories, to the Commissioner of Police, dated Madras, 18th March 1896, No. 19.

I have the honour to submit my annual report on the working of the Indian Factories Act, 1881, as amended by Act XI of 1891, for the year 1895.

2. On receipt of G.O., No. 348, Judicial, dated 16th February 1895, I forwarded a list of factories at that time on my register to the Medical Inspector of Factories and subsequently communicated to him all additions made.

## APPENDIX.

| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether Registers C, D, and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 2 and (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | Under section 15 (2) of the Factories Act. | Total number of persons convicted. |
| | | | Men. | Women. | Children. | | | | | | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total (a) to (i). | | |
| 1. Public Works Department Workshop, Kistna, Bezwada. | Executive Engineer, Kistna Northern Division. | 11th Feb. 1895 | 185 | .. | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 23rd Mar. 1895. | 185 | .. | 2 | 2 | Yes. | Yes. | .. | Yes. | Good. | Good. | Good. | Good. | 197 | .. | 1 | 209 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 29th May do. | 187 | .. | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 15th June do. | 212 | .. | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6th July do. | 207 | .. | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 9th do. do. | 196 | .. | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 26th Aug. do. | 192 | .. | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 18th Nov. do. | 198 | .. | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 25th do. do. | 195 | .. | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |





## ENCLOSURES.

STATEMENT to accompany Annual District Report on the working of the Factories Act for the year 1895, Kistna district.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Serial number of factory. | Name (and locality) of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | | Total of columns 8 and 11. | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5-B (2) (c), or (4) under section 5-B (2) (d), of the Act, or (5) otherwise worked. | Number of accidents reported during the year. | | | | Number of inspections held during the year. | | | | | Remarks. |
| | | | | | Adults. | | | Children. | | | | | | | | | | | | | | | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | | | | Fatal. | Serious. | Minor. | Total. | By Magistrates. | By Special Inspector of Factories. | By Medical Officers. | By other officers (if any). | Total. | |
| 1 | Public Works Department Workshop, Kistna, Bezwada. | Caulking, carpentry, iron work, brass work, copper work, fitter work and paintings. | Steam power and hand labour. | Generally one stationary engine, 20 horse power. | 193 | .. | 193 | 1 | .. | 1 | 194 | Midday stoppages. | Sundays. | .. | 2 | .. | 2 | 4 | .. | 5 | .. | 9 | *Abstract.*<br>Total number of factories. 1<br>Number of factories inspected more than three times during year .. 1 |

ENCLOSURE.

STATEMENT accompanying Annual District Report on the working of the Factories Act for 1895.

| Serial number of factory. | Name and locality of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | | | Whether the factory is worked by shifts, (2) by mid-day stoppage, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether exempted under section 5 (b) (2) (c), or (4) under section 5 (b) (2) (d) of the Act, or (5) otherwise worked. | Number of accidents reported during the year. | | | | Number of inspections held during the year. | | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | Total of columns 8 and 11. | | | Fatal. | Serious. | Minor. | Total. | By Magistrates. | By Special Inspectors of factories. | By Medical officers. | By other officers, if any. | | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
| 1 | Government Workshop, Dowlaishweram. | Wood and iron work. | Steam engine. | 12 horse power. | 140 | 2 | 142 | .. | .. | .. | 142 | The factory is worked by stoppages. The hours of stoppages are from 12 A.M. to 2 P.M. | The factory is closed on Sundays and other general holidays. | .. | .. | .. | .. | 4 | .. | 2 | .. | 6 | Inspected twice by Mr. Tate and twice by Mr. Elphinstone and twice by the District Surgeon. |
| 2 | Rice Factory, Georgepetta. | Manufacture of rice. | Do. | 50 horse power. | 94 | 56 | 150 | 9 | 5 | 14 | 164 | The factory is worked by stoppages. The hours of stoppages are from 12 A.M. to 2 P.M. | The factory is closed on Sundays and other general holidays. | .. | .. | .. | .. | 3 | .. | 2 | .. | 5 | Inspected thrice by the Deputy Magistrate and thrice by the District Surgeon. |
| | | Total .. | | | 234 | 58 | 292 | 9 | 5 | 14 | 306 | | | .. | .. | .. | .. | 7 | .. | 4 | .. | 11 | | |

*Abstract of district total.*

Total number of factories .. 2
Iron and wood works 1
Rice mill .. .. 1
Number of factories inspected more than three times during the year .. 2



From the Head Assistant Magistrate, Kistna, to the District Magistrate, Kistna, dated 9th February 1896, Dis. No. 43-Mag.

I have the honour to report on the working of the Factories Act XV of 1881 in 1895.

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

3. Mr. Lys inspected on 23rd March 1895 and I inspected on 15th June 1895, 6th July 1895 and 18th November 1895.

4. A statement showing the result of inspections prepared in the form prescribed in G.O., No. 1315, dated 22nd July 1892, is herein enclosed.

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

6. The registers prescribed by the rules were properly kept.

7. A copy of the rules in English and Telugu and a table of working hours and holidays are pasted up.

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

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

10. Two accidents were reported in the year, the persons have been discharged cured, and they are attending to their daily work, one from 8th April 1895 and the other from 26th April 1895.

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

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

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

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

KISTNA,
5*th March* 1896.

(Signed) N. S. SOMASUNDARAM,
for *District Magistrate.*

9. *The employment of women and children.*—In the Dowlaishweram factory, no children are employed and two women are employed to clean the factory. In the Georgepetta factory, women are employed in carrying boiled paddy to the platform to dry and in removing chaff, &c., from the pounded rice, while children help the women in drying the boiled paddy and in sweeping and cleaning the factory compound. None of these are employed in places where machinery is working.

10. *Work of Certifying Surgeon.*—Government has, in its order No. 2014, Judicial, dated 21st August 1894, appointed Mr. Appavu Pillai Certifying Surgeon of the Georgepetta factory. B certificates were issued by him. The Medical officer in charge of the Dowlaishweram dispensary is the Certifying Surgeon of the Dowlaishweram factory. No certificates were issued by him as no children were employed there.

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

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

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

14. The delay in the submission of this report is due to the late receipt of information from the Divisional-officers, the latest information received (from the Joint Magistrate) being received on 6th June 1896.





From V. A. BRODIE, Esq., District Magistrate, Gódávari, to the Chief Secretary to Government, dated Mandapeta, 7th June 1896, No. 273-Magl.

I have the honour to submit my report on the working of the Factories Act XV of 1881, as amended by Act XI of 1891 in the Gódávari district for the year 1895.

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

1. The Dowlaishweram factory.
2. The Georgepetta factory.

3. *Inspection.*—The Dowlaishweram Public Works Department workshop was inspected twice by Mr. Tate and twice by Mr. Elphinstone and twice by the District Medical Officer, and the Georgepetta factory twice by the Head-quarters Deputy Magistrate and twice by the District Surgeon during the year. The average daily attendance of men, women and children in each of the factories is shown below :—

| | Dowlaishweram Factory. | Georgepetta Factory. |
|---|---|---|
| Men .. .. .. .. .. .. | 140 | 94 |
| Women .. .. .. .. .. | 2 | 56 |
| Children— | | |
| Male .. .. .. .. .. | .. | 9 |
| Female .. .. .. .. .. | .. | 5 |
| Total .. | 142 | 164 |

4. A general holiday is observed on Sundays in both the factories. They are closed on other public holidays also. Two hours' rest is allowed to workmen in the middle of the day.

5. No children are employed in the Dowlaishweram factory, and hence neither registers C and D nor the file of "B" certificates are maintained. The F notice and the notice required by section 10 of the Act, as also a copy of the rules referred to in rule 23, are put up in a conspicuous place. The E register is kept.

6. All the children employed in the Georgepetta factory are nine and above nine years of age. They are made to work nine hours a day. This is contrary to the provisions of clause 3, section 7 of the Act (XV of 1881). The Manager has been asked to rectify this mistake. No child is allowed to clean any part of the machinery or even to go near it when it is in motion. Registers C, D and E are maintained and the file of certificates in form B is also kept up. These certificates were given by Mr. Appavu Pillai, Medical Officer, Yanam, who has been appointed Certifying Surgeon of the factory. The notice required by section 10, a copy of the rules required by rule 23 and form F as required by rule 17 (2) are duly hung up in conspicuous places. As these are torn to some extent, the Manager has been requested to have fresh copies made and hung up.

7. *Sanitary condition and Sanitary arrangements.*—The sanitary arrangements are good in both the factories. They are kept clean and have good ventilation and water-supply. The general health of the operations in both the factories is reported to have been good.

8. *Wages and general conditions of the operatives.*—At Dowlaishweram, the workmen are paid monthly their wages ranging from Rs. 25 to Rs. 2-8-0 a month. The wages are not less than what they could get elsewhere. At Georgepetta, the wages are in proportion to the outturn of work. The daily earnings of men vary from $2\frac{2}{3}$ to 4 annas. Women are paid at a uniform rate of $1\frac{1}{2}$ annas a day, while children's rates vary from 9 pies to 3 pies a day. An allowance for Sunday is made in the case of those who attend regularly. Wages are paid once in a week. The coolies employed here are better off than ordinary coolies in the neighbourhood.

ENCLOSURES.

STATEMENT to accompany Annual District Report on the working of the Factories Act for 1895, Ganjám district.

| Serial number. | Name and locality of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | | | Whether the factory is worked mainly (1) by shifts, (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 5 (b) (2) (c), or (4) under section 5 (b) (2) (d) of Act, or (5) otherwise worked. | Number of accidents reported during the year. | | | | Number of inspections held during the year. | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | | | | | | | | | | | | | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | Total of columns 8 and 11. | | | Total. | Serious. | Minor. | Total. | By Magistrates. | By Specified Inspector of Factories. | By medical officers. | By other officers (if any). | Total. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | Aska Sugar Works Distillery, Aska. | Sugar works and distillery. | By steam. | 79 horse power. | 467 | *1 | 468 | .. | .. | .. | 468 | The hands employed in the manufacture of sugar are working in shifts of six hours and the machines and others by midday stoppages. | The factory is exempted under section (5) (b) (2) (c), but Sundays half or whole allowed when slack work. | .. | 3 | .. | 3 | 1 | .. | .. | .. | 1 | None of these three accidents had anything to do with the machinery at work in the factory nor were any of the injuries received of a serious or permanent nature. |
| | | | | | *Employed by contractor from January to June for carrying sugarcane chips.* | | | | | | | | | | | | | | | | | | |

* Sweeper.



APPENDIX.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17; (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | Number of persons employed at the end of the year. | Maximum number of hands employed on any day during the year. | Number of persons convicted during year in respect of the factory in column 1 under section 1 (5) (1) of the Factories Act, clauses | |
| | | | | | | | | | | | | | (a) |
| | | | | | | | | | | | | | (b) |
| | | | | | | | | | | | | | (c) |
| | | | | | | | | | | | | | (d) |
| | | | | | | | | | | | | | (e) |
| | | | | | | | | | | | | | (f) |
| | | | | | | | | | | | | | (g) |
| | | | | | | | | | | | | | (h) |
| | | | | | | | | | | | | | (i) |
| | | | | | | | | | | | | | Total. |
| | | | | | | | | | | | | | Under section 15 (2) of the Factories Act. |
| | | | | | | | | | | | | | Total number of persons convicted. |
| Aska Sugar Works and Distillery. | L. Kollman. | 11th June 1896. | 486. | .. | As no children are employed. | Yes. | Yes, all the machinery is properly fenced. | First class. | Women. | Men. | Adults. | 31st January 1895 .. 548 | |
| | | | 1. | .. | | | | Good. | Children. | Women. | | Employed by contractors .. 118 | |
| | | | .. | .. | | | | .. | Operatives generally. | Children. | Children. | .. | |
| | | | | | | | | Good. | | 489 | | | |
| | | | | | | | | | | *1 | | | |
| | | | | | | | | | | .. | | | |

* Sweeper.

10. *Prosecutions.*—No prosecutions were instituted under the Act during the year.

11. *The employment of women and children.*—No children are being employed and the certifying Surgeon has practically no work to be done.

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

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Dis. No. 236-Mag.

Submitted to the Chief Secretary to Government, Judicial Department. A copy of the explanation of the District Sanitary and Medical Officer for not having inspected the factory during the year is enclosed.

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

Parlakimedi,
2*nd April* 1896.





From Surgeon-Captain F. C. PEREIRA, District Medical and Sanitary Officer, Ganjám, to the District Magistrate, Ganjám, dated 28th March 1896, No. 1032.

With reference to your letter, Ref. on Pl. No. 53-Mag. of 1896, dated the 23rd instant, I have the honour to state that I was in medical charge of the district for only half of the year 1895. My reasons for not having inspected the factory at Aska during the latter half of 1895 was due to a misapprehension on my part that the medical officer at Aska was the medical inspector of the factory under question. I have since inspected the factory and inspections will be carried on regularly in future.

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From M.R.Ry. B. NARAYANAMURTY Pantulu Garu, General Duty Deputy Magistrate, Goomsur Division, to the District Magistrate, Ganjám, dated Russellkonda, 14th March 1896, Pl. No. 64-Mag.

I have the honour to submit my report on the working of the Aska Sugar Factory and Distillery belonging to Mr. F. J. V. Minchin of Aska for the calendar year 1895.

2. *Inspections.*—During the year under report the factory was only once inspected by me on the 11th June 1895 when Mr. Kollman, manager of the factory, gave every facility for inspection.

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

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

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

6. The cane season is from December to the end of February and the work of refining sugar is carried on from March to September. During this period the work is done even on Sundays, the factory being exempted from the operation of the rule under proviso (2) (*c*) (*i*) to section 5 B of the Act.

7. *Fencing of machinery and mill-gearing.*—All dangerous machines are securely fenced. All the fly wheels are surrounded by railings, the fly wheel of the big beam engine by iron railings and diffusion fly wheel by wooden railings.

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

9. *Accidents.*—During the year under report there were three accidents. None of them was of a serious or permanent nature. The three accidents were examined by the medical officer, Aska, and the details thereof are shown in the statement appended:—

| Date of accident. | Name. | Caste. | Sex. | Age. | How the accident occurred. |
|---|---|---|---|---|---|
| 18th March 1895. | Dondia Naiko .. | Bavuri .. | Male .. | 16 | Slipped and fell into diffusion empty vessels. Civil Apothecary certifies as follows: "Four contused wounds on the forehead and nose and an irregular incised wound on the inner surface of the upper lip attended with swelling. He was quite conscious on admission and the wounds, I think, are not of a serious nature." |
| 12th April ,, | Ogadhu Naiko .. | Aliya .. | ,, .. | 26 | While he was engaged in dismantling a pandal he slipped from the ladder and fell down on a cane mill. Civil Apothecary certified that he received a bad cut on his left eyebrow and had his right foot sprained and that he was progressing fairly well. |
| 24th July ,, | Gopaliya .. .. | Do. | ,, .. | 22 | While pushing along the treacle truck and about to turn it at the turn-table he accidentally placed his foot on the rail and met with a lacerated wound on the right foot. He is reported by the Civil Apothecary, Aska, to be doing well. |

## APPENDIX.

| 2 | 1 | 3 | 4 | | | 5 | | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | | | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of Factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | | Whether registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | Remarks. |
| | | | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | Total (a) to (i). | Under section 15 (2) of the Factories Act. | Total number of persons convicted. | |
| | | | Men. | Women. | Children. | Males. | Females. | | | | | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | | | | |
| Coimbatore Sugar Manufacturing Company's Factory. | Mr. A. T. Winn. | 19th January 1895, by Mr. J. Fitzpatrick, District Medical and Sanitary Officer. | 346 | 137 | 244 | 129 | .. | Yes. .. | Yes. .. | Yes. | Good | Good. | Good. | Good. | | | | | | | | | | | | | | | | | | |
| Cotton Weaving and Spinning Factory, Coimbatore. | | Latrine—The excreta should be covered over with sifted dry earth and should be shut off from public view. Ample. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8th March 1895, by Mr. Herbert Bradley, District Magistrate, Coimbatore. | 394 | 153 | 234 | .. | .. | Yes .. | Yes .. | Yes. | Good. | Good. | Good. | Good. | | | | | | | | | | | | | | | | | | |
| | | 21st March 1895, by Mr. J. Fitzpatrick, District Medical and Sanitary Officer, Coimbatore. | 377 | 141 | 214 | 114 | 2 | Do. .. | Do. .. | Do. | Do. | Do. | Do. | Do. | | | | | | | | | | | | | | | | | | |
| | | 23rd May 1895, by Mr. J. Fitzpatrick, District Medical and Sanitary Officer, Coimbatore. | 383 | 139 | 247 | 118 | .. | Do. .. | Do. .. | Do. | Do. | Do. | Do. | Do. | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Ample enough. | | | | | | | | | | | | | | | | | | | | | |
| | | 27th June 1895, by Mr. A. Edgington, Assistant Magistrate. | 395 | 145 | 251 | 123 | 3 | Do. .. | Do. .. | Yes. | Good. | Good. | Do. | Do. | | | | | | | | | | | | | | | | | | |
| | | 29th June 1895, by Mr. G. Narayanasami Aiyar, Deputy Magistrate, Coimbatore. | 402 | 147 | 259 | 130 | 3 | Do. .. | Do. .. | Do. | Do. | Do. | Do. | Do. | | | | | | | | | | | | | | | | | | |
| | | 29th June 1895, by Mr. J. Fitzpatrick, District Medical and Sanitary Officer, Coimbatore. | 402 | 147 | 259 | .. | .. | Do. .. | Do. .. | Do. | Do. | Do. | Do. | Do. | | | | | | | | | | | | | | | | | | |
| | | 18th July 1895, by Mr. J. Fitzpatrick, District Medical and Sanitary Officer, Coimbatore. | 401 | 151 | 278 | 144 | 3 | Do. . | Do. .. | Do. | Satisfactory | Do. | Do. | Do. | 335 | 147 | 269 | 608 | 295 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | 22nd August 1895, by Mr. J. Fitzpatrick, District Medical and Sanitary Officer, Coimbatore. | 414 | 152 | 286 | 143 | 4 | Do. .. | Do. .. | Do. | Do. | Do. | Do. | Do. | | | | | | | | | | | | | | | | | | |
| | | 23rd September 1895, by Mr. J. Fitzpatrick, District Medical and Sanitary Officer, Coimbatore. | 408 | 136 | 282 | 137 | 4 | Do. .. | Do. .. | Do. | Do | Do. | Do. | Do. | | | | | | | | | | | | | | | | | | |
| | | 21st November 1895, by Mr. V. Chappan Menon, Deputy Magistrate, Coimbatore. | 401 | 126 | 261 | 119 | 3 | Do. .. | Do. .. | Do. | Good. | Do. | Do. | Do. | | | | | | | | | | | | | | | | | | |
| | | 22nd November 1895, by Mr. J. Fitzpatrick, District Medical and Sanitary Officer, Coimbatore. | 400 | 126 | 261 | 136 | 6 | Do. .. | Do. .. | Do. | Do. | Do. | Do. | Do. | | | | | | | | | | | | | | | | | | |
| | | 28th December 1895, by Mr. V. Chappan Menon, Deputy Magistrate, Coimbatore. | 427 | 142 | 254 | 116 | 5 | Do. .. | Do. .. | Do. | Do. | Do. | Do. | Do. | | | | | | | | | | | | | | | | | | |
| Natesa Aiyar. | | 28th December 1895, by Mr. V. Chappan Menon, Deputy Magistrate, Coimbatore. | 92 | 14 | .. | .. | .. | * No | No .. | Yes. | .. | .. | .. | .. | 92 | 14 | .. | 106 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* The Company was brought under the Factories Act only from the 20th December 1895.



### FORM I.

STATEMENT accompanying Annual Report on the working of the Factory Act.

| Serial number of factory. | Name and locality of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | | Total of columns 8 and 11. | Whether the factory is worked mainly (1) by shift, or (2) by midday stopping or otherwise. | Whether a general holiday is ordinarily given (1) on Sunday, or (2) on varying week days, or (3) whether factory exempted under section 5 (b), 2 (c), or (4) under section 5 (b), 2 (d) of the Act, or (5) otherwise worked. | Number of accidents reported during the year. | | | | Number of inspections held during the year. | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | | | | | | | | | | | | | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | | | | Fatal. | Serious. | Minor. | Total. | By Magistrate. | By Special Inspectors of Factories. | By Medical officers. | By other officers, if any. | Total. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | Cotton Cleaning and Pressing Company of Messrs. Binny and Company, Madras, Tiruppúr. | Cotton pressing. | Steam power. | Forty horse power. | 30 | 27 | 57 | .. | .. | .. | 57 | Worked by midday stoppages. | Yes. Only on Sundays and holidays. | .. | .. | .. | .. | 3 | .. | 1 | .. | 4 | |

Statement showing the nature of work on which operatives drawing different rates of pay were employed during 1895.

| *Coimbatore Cotton Spinning and Weaving Company (Limited).* | | | | | | *Coimbatore Sugar Manufacturing Company (Limited).* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Nature of work. | Particulars. | Wages per month. | | | | Nature of work. | Particulars. | Wages per month. | | | |
| | | Rs. | A. | P. | | | | Rs. | A. | P. | |
| Mechanics .. | Men .. .. | 15 | 0 | 0 | | Mechanics .. | Men .. .. | 12 | 8 | 0 | |
| Firemen .. | Do. .. .. | 8 | 0 | 0 | | Firemen .. | Do. .. .. | 8 | 0 | 0 | |
| Blowing and mixing. | Do. .. .. | 6 | 0 | 0 | | Melting .. | Do. .. .. | 5 | 0 | 0 | |
| | | 7 | 0 | 0 | | Bag filters .. | Do. .. .. | 5 | 0 | 0 | |
| Frames .. | Do. .. .. | 4 | 0 | 0 | | Dessicators .. | Full-time boys over 14 years. | 4 | 0 | 0 | |
| Do. .. | Boys .. .. | 6 | 0 | 0 | | Charcoal filters. | Men .. .. | 8 | 0 | 0 | |
| Spinning .. | Men .. .. | 4 | 0 | 0 | | Bone do. .. | Do. .. | 5 | 8 | 0 | |
| Do. .. | Boys .. .. | 2 | 0 | 0 | | Do. .. | Females .. | 3 | 0 | 0 | |
| Do. .. | Half-timers .. | 5 | 8 | 0 | | Vaccuum pan .. | Men .. .. | 12 | 8 | 0 | |
| Reeling .. | Boys .. | 4 | 0 | 0 | | Engines .. | Do. .. .. | 6 | 8 | 0 | |
| Do. .. | Women .. | 1 | 12 | 0 | | Centrifugals .. | Do. .. .. | 5 | 0 | 0 | |
| Do. .. | Half-time girls | 7 | 0 | 0 | | Sugar godown .. | Do. .. .. | 5 | 0 | 0 | |
| Bundling and Baling. | Men .. .. | 6 | 0 | 0 | | Jaggery do. .. | Do. .. .. | 5 | 0 | 0 | |
| Sundry coolies | Do. .. .. | 5 | 8 | 0 | | Peons .. | Do. .. .. | 5 | 0 | 0 | |
| Peons .. .. | Do. .. .. | | | | | Firewood .. | Do. .. .. | 5 | 0 | 0 | |





Form I.

| Serial number of factory. | Name and locality of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | | | Number of accidents reported during the year. | | | Number of inspections held during the year. | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | | | | | | | | | | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | Total of columns 8 and 11. | Fatal. | Serious. | Minor. | Total. | By Magistrates. | By Special Inspectors of factories. | By Medical officers. | By other officers, if any. | Total. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | Coimbatore Spinning and Weaving Company (Limited), Coimbatore. | Cotton spinning. | Steam engine. | 70 nominal horse-power. | 392 | 143 | 535 | 246 | 7 | 253 | 788 | .. | 1 | .. | 1 | 5 | .. | 8 | .. | 13 | |
| 2 | Coimbatore Sugar Manufacturing Company (Limited), Podanur, Coimbatore taluk. | Sugar manufacture. | 12, 14, 16 nominal horse-power (three engines). | 42 nominal horse-power. | 92 | 14 | 106 | .. | .. | .. | 106 | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | |

| Serial number of factory. | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sunday, or (2) on varying week days, or (3) whether factory is exempted under section 5 (3), 2 (c), or (4), under section 5 (5), 2 (d) of the Act, or (5) otherwise worked. |
|---|---|---|
| 1 | 13 | 14 |
| 1 | By midday stoppages for male and female adults, and by shifts for all half-timers. | The mill is closed on every Sunday throughout the year and also for native feasts about 14 days. |
| 2 | Mainly by shifts from 7 A.M. to 7 P.M. one set, and the other set 7 P.M. to 7 A.M. with one hour rest for each set working day and night. | Two days' leave allowed in a month. |

3. Besides this factory there are three other factories—two in Palladam and one at Tiruppúr. The two factories at Palladam do not however appear to come within the scope of the Act. The other factory at Tiruppúr has been lately inspected by me and a separate report submitted recommending the extension of the Act to that factory.

4. I understand from the manager of the factory owned by Messrs. Binny and Company at Tiruppúr that the factory has been inspected thrice during the year under report—once by the Deputy Collector Mr. V. Chappan Menon while he was in charge of this division and *thrice* by Mr. Grimley, my predecessor. The notes of inspection by Mr. V. Chappan Menon are not forthcoming in this office and I understand that no notes were taken by Mr. Grimley. I am unable to give the dates of the inspections or to furnish the usual statements showing the particulars of the inspection. The manager of the factory however informs me that the factory has been worked in the same manner as in previous years, and that during the year under report there was nothing to call for any special remark.

5. The ventilation and sanitary arrangements are satisfactory and call for no remarks. The machinery has been properly fenced and protected.

6. Register in Form E alone was maintained, the other registers being unnecessary as no children are employed in this factory.

7. It is reported that no accidents occurred in the factory during the year and that there were no prosecutions for offences under the Act.

8. The daily wages of operatives during the year under report ranged from 3 to 6 annas for men and 2 to 3 annas for women. These wages seem to compare favourably with those earned by ordinary agricultural labourers and the operatives are as well paid as their fellow agricultural labourers.

9. The prescribed statement in Form 1 is herein enclosed.

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From J. G. WOOD, Esq., Deputy Magistrate, Head-Quarter Division, Coimbatore, to the District Magistrate, Coimbatore, dated 12th March 1896, Dis. No. 125-Mag.

I have the honour to submit my report on the working of the Factories Act XV of 1881 as amended by Act XI of 1891 for the year 1895 and to enclose the prescribed statements.

2. The two companies noted in the margin are the only factories that fall within the scope of the Act.

1. The Coimbatore Cotton Spinning and Weaving Company.
2. The Coimbatore Sugar Manufacturing Company.

3. The factory No. 1 was inspected thrice by the Sub-Divisional Magistrate, once by the District Magistrate, once by the Assistant Magistrate and eight times by the District Medical and Sanitary Officer. Factory No. 2, which was brought under the purview of the Act only from the 20th December 1895, was inspected once by the Sub-Divisional Magistrate.

4. The working hours in factory No. 1 are from 6 A.M. to 12 (noon) and from 1 P.M. to 7 P.M. daily as a rule. The children employed work by turns, one set working in the forenoon and the other in the afternoon. The working hours for women are from 6 A.M. to 12 (noon) and from half-past one to half-past six in the evening.

The working hours in factory No. 2, which is worked mainly by shift system, are from 7 A.M. to 7 P.M. and from 7 P.M. to 7 A.M. with one hour's rest for each set.

5. The defects noticed by the Inspecting officers have been duly communicated to and rectified by the manager of the factory (*i.e.* factory No. 1).

6. No children under the age of nine years are employed in the first factory and the provisions of sections 7, 8 and 9 relating to them are duly observed. No children were employed in factory No. 2.



7. The machineries are properly fenced round. In factory No. 1 one slight accident classed under the head "minor" occurred, in which one W. H. Robinson, aged 16 years, was hurt slightly in the left hand. No cases of violation of the rules framed under the Act appear to have happened during the year under report.

8. The ventilation and sanitation of the factories as well as the general health of the operatives are satisfactory.

9. The wages paid to operatives, *vide* separate statement attached, compare favourably with those of farm labourers. No complaints as to irregular payment of wages or over-work have been brought to notice.

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

From H. BRADLEY, Esq., District Magistrate of Coimbatore, to the Chief Secretary to Government, dated Coimbatore, 10th April 1896, Dis. No. 256-Mag.

I have the honour to submit herewith copies of the reports received from the Sub-Divisional Magistrates of Coimbatore and Pollachi on the working of the Indian Factories Act XV of 1881 as amended by Act XI of 1891 during the year 1895, together with copies of the statements prescribed in paragraph 2 of G.O., No. 1315, Judicial, dated 22nd July 1892.

2. Besides the two companies noted in the margin, which were dealt with in the reports of the previous year, another company known as the Coimbatore Sugar Manufacturing Company was brought on the list of the factories from 20th December 1895. It is established in Podanúr, Coimbatore taluk.

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

3. The factory No. 1 was inspected thrice by the Sub-Divisional Magistrate, once by the District Magistrate, once by the Assistant Magistrate and eight times by the District Medical and Sanitary Officer. The factory No. 2 was inspected thrice during the year—once by the Deputy Collector while he was in charge of the Head Assistant Magistrate's division and twice by the Head Assistant Magistrate. There is no record left by either of the officers showing the dates and the result of their inspection. It was also once inspected by the District Medical Officer.

The factory No. 3, the Coimbatore Sugar Manufacturing Company, was inspected only once by the Sub-Divisional Magistrate, it having been brought on the register of factories only from the 20th December 1895.

The working hours in factory No. 3, which is worked mainly by shifts, are from 7 A.M. to 7 P.M. and from 7 P.M. to 7 A.M., with one hour's rest for each set.

The defects noticed by the Inspecting officers in factory No. 1 have been duly communicated to, and rectified by, the manager of the factory.

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

5. In factories Nos. 2 and 3 there have been no accidents. In factory No. 1 one slight accident, classed under the head "minor," occurred in which one W. H. Robinson, aged 16 years, was slightly hurt in the left hand.

6. The maximum number of adults and children employed on any day during the year was 608 and 295 in factory No. 1, 57 and *nil* in factory No. 2, and 106 and *nil* in factory No. 3.

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

8. There were no prosecutions under the Act.

9. There have been no breaches of other provisions of the Act.

10. A sum of Rs. 90 was paid to the District Medical Officer as his fees for inspecting the factories Nos. 1 and 2.

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ENCLOSURES.

From L. G. MOORE, Esq., Acting Head Assistant Magistrate, Coimbatore, to the District Magistrate, Coimbatore, dated 1st March 1896, Dis. No. 41-Mag.

I have the honour to submit my report on the working of the Factory Act in this division during the year 1895.

2. The Cotton Cleaning and Pressing Company at Tiruppúr is the only factory in this division which has been brought on to the register.





STATEMENT showing the result of inspection of Malpe Tile Factory made by the District Medical and Sanitary Officer in 1895.

| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form H are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | Remarks. |
| | | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | Under section 15 (2) of the Factories Act. | Total number of persons convicted. | |
| | | | Men. | Women. | Children. | | | | | | Operatives generally. | Children. | Women. | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total (a) to (i). | | | |
| Basel Mission Tile Works, Malpe, in Udipi taluk. | Mr. Herman Brotschneider. | 11th June 1895. | 82 | 39 | 6 | 6 | Yes | .. | Properly fenced. | Good and sufficient. | Good. | Good. | Good. | 16 | 54 | 100 | 16 | 295 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Seven children out of the sixteen inspected were employed in the factory without medical certificate. |
| | | 9th November 1895. | | | | 16 | Kept, but F.D. is not written up to date. | Do. | Do. | Satisfactory. | Do. | Poor. | Generally good. | | | | | | | | | | | | | | | | | | | |

FORM I.

STATEMENT to accompany Annual District Report on the working of Factories Act for 1895, South Canara district.

| Serial number of factory. | Name (and locality) of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | | | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, or (2) on varying week days, or (3) whether factory exempted under section 53 (2) (c), or (4) under section 5 B (2) (d) of the Act, or (5) otherwise worked. | Number of accidents reported during the year. | | | | Number of inspections held during the year. | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | Total of columns 8 and 11. | | | Fatal. | Serious. | Minor. | Total. | By Magistrates. | By Special Inspectors of Factories. | By Medical officers. | By other officers, if any. | Total. | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | Basel Mission Tile Factory, Malpe, in Udipi taluk. | Manufacture of tiles. | One steam engine. | 14 horse-power. | 92 | 49 | 141 | 4 | 3 | 7 | 148 | The shifts system is not in force. The factory is worked by stoppages. Work is begun at 7 A.M. and stopped at noon, resumed at 1 P.M. and closed at 5-30 P.M. | All Sundays and Christian holidays are observed. | .. | .. | .. | .. | 3 | .. | 2 | .. | 5 | Tile manufactory 1. Inspected by the Head Assistant Magistrate thrice and by the District Medical and Sanitary Officer twice. |



APPENDIX.

| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | Total (a) to (i). | Under section 15 (2) of the Factories Act. | Total number of persons convicted. | |
| | | | Men. | Women. | Children. | | | | | | Women. | Children. | Operatives Generally. | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | | | | | | | | |
| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | | | | | 14 |
| Basel Mission Tile Factory, Malpe, in Udipi taluk. | Mr. Herman Bretscheneider. | 8th March 1895. | 61 | 51 | .. | .. | Registers C, D and E are kept. The employment of children has been stopped. | Yes .. | Yes .. | Sufficient. There are two latrines over hanging the river, but the one for women is not easily accessible. A couple of planks should be put up to it from the bank. | Good. | | | .. | .. | .. | .. | .. | .. | | | | | | | | | | | .. | .. | | |
| | | 18th May 1895. | 57 | 45 | .. | .. | Yes. Kept in good order. | Do. .. | Yes. A fence was put last year in accordance with an inspection notes. | Two wells with good water; one latrine for women in good repair. One for men out of repair but will be put right at once. Accommodation sufficient. | Do. | | | .. | .. | .. | .. | .. | | | | | | | | | | | .. | .. | | The factory is clean and in good order. I think nothing more is required in the way of accommodation. |
| | | 12th Nov. 1895. | 74 | 54 | 6 | 6 | Yes. Properly kept. | Do. .. | Yes. Sufficiently fenced. | Water in two wells good and plentiful. Rooms airy. Accommodation more than sufficient. Two latrines — one for men and one for women — not much used. The banks of the creek are preferred. | Do. | | | 109 | 67 | 11 | 180 | 12 | | | | | | | | | | | .. | .. | | Clean, well managed. People look healthy. |

the certifying Surgeon; but as all of them were countersigned by the District Medical officer, no objection was raised to them. The manager has been informed who is the officer authorized to grant certificates.

9. *Fencing of machinery and mill-gearing.*—The machinery is sufficiently protected.

10. *Accidents.*—No accidents were reported during the year.

11. *Prosecutions.*—No prosecutions were instituted.

12. *Wages and the General condition of the operatives.*—Employment is limited as far as possible to converts of the mission. The wages are generally higher than those earned by the agricultural classes, because the operatives are required to be regular and punctual in their attendance. Men earn from 3 to 6 annas per day, women from annas 2 to annas 2-6, boys from 1 to 2 annas and girls 2 annas. The condition of the operatives appear to be generally rather better than that of the agricultural classes from among whom they come.





From W. H. WELSH, Esq., District Magistrate of South Canara, to the Chief Secretary to Government, dated Mangalore, 26th March 1896, Dis. No. 288 B-Eng.

I have the honour to submit, herewith, the report received from the Sub-Divisional Magistrate (Coondapoor Sub-Division) on the working of the Indian Factories Act in his division together with its two enclosures.

2. Factories in the other parts of the district are stated not to need to be reported on under the conditions of the Factories Act.

3. The factory was inspected by the District Medical and Sanitary Officer only twice during the year under report, viz., on 11th June and 9th November 1895, and a sum of Rs. 40 was drawn by him as allowance. As the Head Assistant Magistrate's return of inspections does not include the inspections by the Medical officer, the latter have been shown in a separate statement prepared in this office.

4. I have also drawn the attention of the District Medical and Sanitary Officer to the fact that, under revised Rule 8, he ought to have inspected the factories not less than three times during the year.

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Enclosures.

From J. H. ROBERTSON, Esq., Acting Head Assistant Magistrate of South Canara, to the District Magistrate of South Canara, dated Coondapoor, 22nd January 1896, Dis. No. 118-Magtl.

I have the honour to submit my report on the working of the Factories Act XV of 1881, as amended by Act XI of 1891, for the year 1895, and to enclose the prescribed statements.

2. The only factory in my division registered under the Act is the Basel Mission Tile Factory at Malpe in Udipi taluk. It was registered in 1893.

3. *Inspection.*—This factory is open during the whole of the year, but very little work is done during the monsoon months, viz., June, July, August and September. During the year under report it was inspected three times—by Mr. Slight on 8th March, by Mr. Couchman on 18th May and by Mr. Pope on the 12th November 1895. The result of the inspections is shown in the enclosed statement.

4. *Sanitary condition and arrangements.*—The sanitary condition of the factory is satisfactory. Latrines of cadjan have been provided overhanging the back-water. The premises are kept clean. There are two wells in the compound which give constant supply of good water. The majority of the employés work mostly in the open air or in an open shed. The pug-mill and presses are in a room where about 50 persons work. These have sufficient room and ventilation. The pug-mill is worked by steam and the presses by hand.

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

6. *Employment of women and children.*—Women are employed from 7 A.M. to 5-30 P.M. and have an interval of one hour at noon. Children are employed for five hours daily either in the forenoon or in the afternoon. All Sundays and Christian holidays are observed.

7. No children were at work when the factory was inspected on 8th March and 18th May 1895. At the inspection on 12th November, six children were found to have been at work and they were mustered. They were all found to be above nine years of age.

8. *Certifying Surgeons.*—The Medical officer in charge of the Local Fund dispensary at Udipi, who is the certifying Surgeon, appointed by Government for the factory, granted certificates in Form B, which were inspected on 12th November 1895. There were also some certificates which were granted by a Medical officer other than

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | | | | | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | Number of children mustered at date of inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 28 (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | | | Remarks. |
| | | | | | | | | | | Operatives generally. | Children. | Women. | Men. | Children. | Women. | Children. | Adults. | Total (a) to (i). | (i) | (h) | (g) | (f) | (e) | (d) | (c) | (b) | (a) | Under section 15 (1) of the Factory Act, clauses | Under section 15 (2) of the Factory Act. Total number of persons convicted. | |
| 4. Messrs. Dymes & Co.'s Cotton Press. | R. F. Straolin, Esq. | 28th July 1895. | 39 | 65 | .. | Yes .. | Yes .. | Yes .. | Good. | .. | .. | .. | 30 | 41 | .. | 77 | 42 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | By District Medical and Sanitary Officer. |
| 5. Bellary Spinning and Weaving Mill. | Mr. Toolsidars Nursee. | 29th May 1895. | 141 | 69 | 63 | 87 | Do. .. | (1) yes. (2) A copy in vernacular will be put up. | Do. .. | Do. .. | .. | .. | 290 | 92 | 91 | 390 | 144 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Do. |
| | Do. | 24th July 1895. | 237 | 18 | 87 | 87 | Do. .. | Yes .. | Do. .. | Do. .. | .. | .. | 290 | 92 | 91 | 390 | 144 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Do. |
| | Do. | 10th Oct. 1895. | 296 | 94 | 144 | 86 | E yes. D yes. All columns not filled up and not written since September, 21. | (1) Yes. (2) Not received from press but said to have been ordered. (3) Yes. | Do. .. | Do. .. | .. | .. | 293 | 93 | 9 | 140 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Do. |
| 6. Bellary Arsenal. | Captain J. D. Waller, R. A. | 1st May 1895. | 135 | .. | .. | .. | Not kept .. | Not kept .. | No machinery. | Do. .. | .. | .. | 293 | 93 | 9 | 140 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Do. |
| | Ordnance Officer. | 26th July 1895. | 110 | .. | .. | .. | .. | .. | .. | Do. .. | .. | .. | 293 | 93 | 9 | 140 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Do. |
| | Do. .. | 19th Nov. 1896. | 99 | .. | .. | .. | .. | .. | .. | Do. .. | .. | .. | 293 | 93 | 9 | 140 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Do. |



From E. C. RAWSON, Esq., Acting District Magistrate of Bellary, to the Chief Secretary to Government, dated 12th June 1896, Dis. No. 537-M.

In reply to your telegram, dated 4th June 1896, I beg to submit the average number of operatives employed in the factories in Bellary Division, during the year 1895, as reported by the factories :—

| Name of factory. | Adults. | | | Children. | | | Total of columns 4 and 7. |
|---|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Bellary Arsenal .. .. .. .. | 106 | .. | 106 | 9 | .. | 9 | 115 |
| Madam Seshanna's Spinning Mill, Bellary. | 271 | 60 | 331 | 43 | 16 | 59 | 390 |
| Total .. | 377 | 60 | 437 | 52 | 16 | 68 | 505 |

FORM No. I—*cont.*

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

| Serial number of factory. | Name and locality of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. Adults. Males. | Adults. Females. | Adults. Total. | Children. Males. | Children. Females. | Children. Total. | Total of columns 8 and 11. | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sunday, or (2) on varying week-days, or (3) whether factory is exempted under section 5 (b) 2 (c), or (4) under sections 5 (b) 2 of the Act, or (5) otherwise worked. | Number of accidents during the year. Fatal. | Serious. | Women. | Total. | Number of inspections held during the year. By Magistrates. | By Special Inspectors of Factories. | By Medical officers. | By other Officers, if any. | Total. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 5 | The Bellary S. W. Mill Company. | Ginning, spinning and weaving cotton. | Steam .. | 350 horse power. | .. | .. | .. | .. | .. | .. | .. | No .. | No .. | .. | .. | .. | .. | .. | .. | 1 | .. | 3 | By District Medical and Sanitary Officer. The latrine is not very good but a new one is to be erected shortly. The factory has only just been re-opened by new proprietors. The latrine is newly built. |
| | | Do. | Do. .. | 400 horse power. | .. | .. | .. | .. | .. | .. | .. | Not informed. | Not exempted .. | .. | .. | .. | .. | .. | .. | 1 | .. | | |
| | | Do. | Do. .. | Do. | .. | .. | .. | .. | .. | .. | .. | Do. | Do. .. | .. | .. | .. | .. | .. | .. | 1 | .. | | |
| 6 | Bellary Arsenal. | Leather, wood and iron. | No .. | No .. | .. | .. | .. | .. | .. | .. | .. | No .. | No. .. | .. | .. | .. | .. | .. | .. | 1 | .. | 3 | |
| | | Do. | .. | .. | .. | .. | .. | .. | .. | .. | .. | No .. | No. .. | .. | .. | .. | .. | .. | .. | 1 | .. | | |
| | | Do | .. | .. | .. | .. | .. | .. | .. | .. | .. | No .. | No. .. | .. | .. | .. | .. | .. | .. | 1 | .. | | |



## APPENDIX.

| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. Males. | Females. | Children. | Number of children mustered at date of inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) a copy of the rules as required by Rule 23, (3) the notice required by section 10 of the Act are put up in a conspicuous place. | Whether machinery properly fenced or not. | State of water-supply, ventilation sanitation and accommodation. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 |
| 1. The Bellary Spinning and Weaving Company (Limited). | Mr. Toolsidars Nursee. | 17th Apr. 1895. | 103 | 2 | .. | .. | .. | They are put up in the gate. | Yes .. | Good. |
| | Do. | 16th July 1895. | 198 | 2 | 100 | 100 | Kept accordingly. | Do. | Do. .. | Do. .. |
| | Do. | 28th Dec. 1895. | 247 | 77 | 90 | 90 | Do. .. | Do. | Do. .. | Do. .. |
| 2. The Bellary Arsenal. | Captain J. D. Waller, R.A. | 9th Mar. 1895. | 122 | .. | .. | *Nil.* | *Nil.* .. | *Nil.* .. | *Nil.* .. | Do. .. |
| | Do. | 5th Oct. 1895. | 96 | .. | .. | .. | .. | .. | .. | Do. .. |
| 3. Messrs. Dymes & Co.'s Cotton Press. | R. F. Strachu, Esq. | 6th May 1895. | 42 | 77 | .. | .. | C and D not kept; Register E is kept; Register B is not kept. | (1) is posted in a conspicuous place. (2) Copy of the rules is kept. (3) Kept in Office. | Yes .. | Satisfactory. |

| Name of factory. | Physical condition of Women. | Children. | Operatives generally. | Number of persons employed at the end of the year. Men. | Women. | Children. | Maximum number of hands employed on any day during the year. Adults. | Children. | Number of persons convicted during the year in respect of the factory named in column 1. Under section 15 (1) of the Factory Act, clauses (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total (a) to (i). | Under section 15 (2) of the Factory Act. | Total number of persons convicted. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | | 14 |
| 1. The Bellary Spinning and Weaving Company (Limited). | | Good. | | 290 | 92 | 91 | 390 | 144 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | By Sub-Divisional Magistrate, Bellary. |
| | | Do. | | 290 | 92 | 91 | 390 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | | Do. | | 290 | 92 | 91 | 390 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| 2. The Bellary Arsenal. | .. | .. | .. | 93 | .. | 9 | 140 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | .. | .. | .. | 93 | .. | 9 | 140 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| 3. Messrs. Dymes & Co.'s Cotton Press. | .. | .. | .. | 30 | 41 | .. | 77 | 42 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | No separate latrines for males and females. |

6

From M.R.Ry. T. RAMA RAU Garu, Sub-Divisional Magistrate, Bellary, to the District Magistrate of Bellary.

I have the honour to submit my report on the factories in my division for the year 1895. The necessary statements are forwarded herewith.

2. As in the previous year there were three factories, two * of them were at work. The Arsenal was inspected twice and the mill three times. Their condition was generally good. The buildings were in a state of repair. They were all white-washed and kept neat and clean. The ventilation was good and there was sufficient provision of water-supply. The latrine and other sanitary arrangements were also good.

* 1. Bellary Arsenal.
2. Bellary Spinning and Weaving Mill.

3. In the Spinning and Weaving Mill alone children were employed. The adult males and females employed in both the factories were in good condition. They were paid by the day or the month. Weekly holidays were allowed and on working days not less than one hour recess was given at midday. No work was done during the night time. No machinery was employed in the Arsenal. The machinery in the Mill was properly fenced and protected. There were no accidents and no prosecutions under the Act during the year.

4. The Dymes & Co.'s Cotton Press remained closed from 21st October. It was not inspected during the year.



Form I.

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

| Serial number of factory. | Name and locality of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | | Whether the factory is worked mainly (1) by shifts, or (2) by midday stoppages, or (3) otherwise. | Total of columns 8 and 11. | Number of accidents during the year. | | | | Number of inspections held during the year. | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | | | Fatal. | Serious. | Women. | Total. | By Magistrates. | By Special Inspectors of Factories. | By Medical officers. | By other Officers, if any. | Total. | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | | | | | | | | | | | | |
| | | | | | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | The Bellary Spinning and Weaving Company (Limited). | Cotton Spinning and Weaving. | Steam engine. | 350 horse power. | 106 | 2 | 108 | .. | .. | .. | .. | 108 | Weekly holidays on Fridays. | .. | .. | .. | .. | .. | .. | .. | .. | .. | By Sub-divisional Magistrate, Bellary. Since inspected once more. |
| | | Do. | Do. | Do. | 240 | 2 | 242 | 70 | 16 | 86 | .. | 328 | Do. | .. | .. | .. | .. | 3 | .. | .. | 3 | 6 | |
| | | Do. | Do. | Do. | 241 | 95 | 336 | 55 | 35 | 90 | .. | 426 | Do. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| 2 | The Bellary Arsenal. | Leather, wood and iron. | Nil | Nil | 122 | .. | 122 | .. | .. | .. | .. | 122 | Sundays and last but one Saturdays in the month and other gazetted holidays. | .. | .. | .. | .. | 2 | .. | .. | 3 | 5 | |
| | | Do. | .. | .. | 96 | .. | 96 | .. | .. | .. | .. | 96 | Do. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| 3 | Messrs. Dymes & Co.'s Cotton Press. | Pressing cotton. | Steam | 25 horse power. | .. | .. | .. | .. | .. | .. | .. | .. | Not exempted | .. | .. | .. | .. | .. | 1 | .. | 2 | 3 | By District Medical and Sanitary Officer. The latrine is not very good but a new one is to be erected shortly. |
| 4 | Do. | Do. | Do. | Do. | .. | .. | .. | .. | .. | .. | .. | .. | If worked on Sundays a day before or after given. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | The factory has only just been re-opened by new proprietors. The latrine is newly built. |
| | | | | | | | | | | | Whether a general holiday is ordinarily given (1) on Sunday, or (2) on varying week days, or (3) whether factory is exempted under section 5 (b) 2 (c), or (4) under sections 5 (b) 2 of the Act, or (5) otherwise worked. | 14 | | | | | | | | | | |

## Form I.

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

| Serial number of factory. | Name and locality of factory. | Nature of industry. | Nature of moving power. | Amount of moving power. | Average daily number of operatives employed. | | | | | | | Whether the factory is worked (1) mainly by shifts, or (2) by midday stoppages, or (3) otherwise. | Whether a general holiday is ordinarily given (1) on Sundays, (2) varying week days, or (3) whether factory is exempted under section 5-B (2) (c), or (4) under section 5-B (d) of the Act, or (5) otherwise worked. | Number of accidents during the year. | | | | Number of inspections held during the year. | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Adults. | | | Children. | | | Total of columns 8 and 11. | | | Fatal. | Serious. | Minor. | Total. | By Magistrates. | By Special Inspectors of Factories. | By Medical Officers. | By other Officers, if any. | Total. | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | Messrs. Dymes & Co.'s Cotton Press, Adóni. | Cotton-pressing. | One steam engine with two cylinders. | 20 horse-power, 2 feet stroke. | 43 | 87 | 130 | .. | .. | .. | 130 | Otherwise. | Sunday labour was taken though the factory has not been exempted from the rules against it. The agent has been requested to obtain exemption or conform to law. | .. | .. | .. | .. | 2 | .. | 3 | .. | 5 | *Abstract.*<br>Total number of factories 1<br>Cotton presses .. 1<br>Total .. 1<br>Number of factories inspected twice during the year .. 1 |
| 2 | Rambillos Sowcar's Press. | Cotton-pressing. | One steam engine with one cylinder. | 12 horse-power, 2 feet stroke. | 37 | 44 | 81 | .. | .. | .. | 81 | No shift system. | Sunday is a general holiday; if work is done on that day a holiday will be given on succeeding day. | .. | .. | .. | .. | .. | .. | 2 | .. | 2 | A latrine is required. |
| | | .. | Steam-engine. | 36 nominal horse power. | .. | .. | .. | .. | .. | .. | .. | .. | Not exempted .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| 3 | Messrs. A. Sabapati Mudaliar's Press. | .. | Do. | .. | 28 | 36 | 64 | .. | .. | .. | 64 | State that they work with shift system very rarely | Sunday is a general holiday; in case they work on that day a holiday is said to be given on a Sunday or preceding day. | .. | .. | .. | .. | .. | .. | 2 | .. | 2 | A latrine should be provided. The notice should be put up in a conspicuous place. |
| 4 | Messrs. A. Sabapati Mudaliar's Cotton Press. | .. | Do. | Horse power not known. | .. | .. | .. | .. | .. | .. | .. | No .. | No .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | A latrine is required and the notices should be pasted in press house. |





| 1 | 2 | 3 | 4 | | | 5 | 6 | |
|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at the date of inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | |
| | | | Males. | Females. | Children. | | | |
| Messrs. Dymes & Co.'s Cotton Press. | R. Hunter, Esq. | 1895. 5th June. | 63 | 103 | .. | .. | Form E kept .. .. .. .. | Hu |
| | | 31st July. | 58 | 117 | .. | .. | Form E kept, but not entered up daily. The last entry only relates to 21st April 1895. No certificates filed, as no children are employed. Register E should be brought up to date at once and should in future be posted up daily. | (1) 6- m a re 2 sl tl d 2 a |
| | | 22nd Aug. | 48 | 107 | .. | .. | C, D and B not required. E kept up but not quite completely. | (1) h |
| | | 22nd Nov. | 14 | 85 | .. | .. | C, D and file certificate in Form B not applicable, no children being employed. Form E not written up for some months but an attendance register kept. | (1) th h |
| Rambillos Sowcar's Cotton Press. | M. Patcha Sahib. | 28th Dec. | 16 | 30 | .. | .. | C, D and file certificate in Form B not applicable, no children being employed. Form E brought up only to 20th July 1895. | For ru |
| | | 1895. 5th June. | 36 | 50 | .. | .. | Yes, except certificates for children as they are not employed. | (1) |
| | | 22nd Aug. | 35 | 39 | .. | .. | Do. | do. |
| Messrs. A. Sabapati Mudaliar & Co.'s Cotton Press. | P. Sabapati Mudaliar. | 1895. 5th June. | 8 | 27 | .. | .. | Yes .. .. .. .. | Not |
| | | 22nd Aug. | Not at work this day. | | | .. | C, D and B not required. E kept up. | (1) |

## APPENDIX.

| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 | 8 | 9 | 10 | | | 11 | | | 12 | | 13 | | | | | | | | | | | | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name of factory. | Name of Resident Manager. | Date of inspection. | Number of persons at work on date of inspection. | | | Number of children mustered at the date of inspection. | Whether Registers C, D and E and the file of certificates in Form B are kept. | Whether (1) Form F under Rule 17, (2) copy of the rules as required by Rule 23, and (3) the notice required by section 10 of the Act, are put up in a conspicuous place. | Whether the machinery is properly fenced or not. | State of water-supply, ventilation, sanitation and accommodation. | Physical condition of | | | Number of persons employed at the end of the year. | | | Maximum number of hands employed on any day during the year. | | Number of persons convicted during the year in respect of the factory named in column 1. | | | | | | | | | | | | Remarks. |
| | | | | | | | | | | | | | | | | | | | Under section 15 (1) of the Factories Act, clauses | | | | | | | | | | | | |
| | | | Males. | Females. | Children. | | | | | | Women. | Children. | Operatives generally. | Men. | Women. | Children. | Adults. | Children. | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | Total of (a) to (i) | Under section 15 (2) of the Factories Act. | Total number of persons convicted. | |
| Messrs. Dymes & Co.'s Cotton Press. | R. Hunter, Esq. | 1895. 5th June. | 63 | 103 | .. | .. | Form E kept .. .. .. .. | Hung up in the office .. .. .. .. .. .. | Machinery not fenced, doors always closed. | Water-supply good .. | .. | .. | .. | 23 | 27 | .. | 175 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | The nulla to the west is now used as a latrine. There is a small latrine or privy house, but it is too small and badly situated. The notices should be placed where they can be seen and not kept in the office. (Signed) J. W. EVANS, Surgn.-Major, *District Medical and Sanitary Officer.* |
| | | 31st July. | 58 | 117 | .. | .. | Form E kept, but not entered up daily. The last entry only relates to 21st April 1895. No certificates filed, as no children are employed. Register E should be brought up to date at once and should in future be posted up daily. | (1), (2) and (3) kept; but as regards (1), Form F specified 6-30 A.M. to 6-30 P.M. as the working hours, whereas the manager has informed me that the actual working hours are 7 A.M. to 7 P.M. He has been ordered to put a revised notice. Further, Form F says: "No. of shifts in 24 (probably a mistake for 12) hours—6. Period of each shift—2 hours." The notice under section 10 runs to the effect that intervals are allowed during each working day to each and every person amounting in aggregate to 2 hours. The times at which the intervals are allowed and the length of each interval are not given. | Do. | All satisfactory. Water was kept in this on the upper floor of the building where the cotton is cleaned and pressed. | Good .. | .. | Good .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | (Signed) S. RAMU IYER, *Deputy Magistrate.* |
| | | 22nd Aug. | 48 | 107 | .. | .. | C, D and B not required. E kept up but not quite completely. | (1) Yes, in press-house; (2) In the office; (3) In press-house. | Not fenced but secured. | Good, except sanitary accommodation. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | No accidents. A small privy exists near the office but not accessible or suitable. A latrine is required near the Press house and all the notices should be kept there. (Signed) J. W. EVANS, Surgn.-Major, *District Medical and Sanitary Officer.* |
| | | 22nd Nov. | 14 | 85 | .. | .. | C, D and file certificate in Form B not applicable, no children being employed. Form E not written up for some months but an attendance register kept. | (1) Form F in press-house; (2) In office but no copies of the various forms laid down are attached; (3) In press-house. | .. | Good with the exception of latrine arrangements. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | New and suitable latrines for males and females are to be built before next monsoon. (Signed) J. W. EVANS, Surgn.-Major, *District Medical and Sanitary Officer.* |
| | | 28th Dec. | 16 | 30 | .. | .. | C, D and file certificate in Form B not applicable, no children being employed. Form E brought up only to 20th July 1895. | Form F put up, but not notice under section 10 and the rules with translation. | .. | Sufficient .. .. .. | Good .. | .. | Good .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | (Signed) S. RAMU IYER, *Deputy Magistrate.* |
| Rambillos Sowcar's Cotton Press. | M. Patcha Sahib. | 1895. 5th June. | 36 | 50 | .. | .. | Yes, except certificates for children as they are not employed. | (1) Yes; (2) Yes; (3) Yes .. .. .. .. .. | Yes .. .. | Good .. .. .. | .. | .. | .. | 36 | 50 | .. | 94 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | By the District Medical and Sanitary officer. |
| | | 22nd Aug. | 35 | 39 | .. | .. | Do. do. | Do. do. .. .. .. .. .. | Do. .. .. | Do. .. .. .. | .. | .. | .. | .. | .. | .. | 94 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Messrs. A. Sabapati Mudaliar & Co.'s Cotton Press. | P. Sabapati Mudaliar. | 1895. 5th June. | 8 | 27 | .. | .. | Yes .. .. .. .. .. | Not to be seen when I visited the Press .. .. .. | Do. .. .. | No latrine; otherwise satisfactory. | .. | .. | .. | 8 | 27 | .. | 75 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | | 22nd Aug. | Not at work this day. | | | .. | C, D and B not required. E kept up. | (1) No; (2) No; (3) No .. .. .. .. .. | Not fenced but protected. | Do. do. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |

5. An allowance of Rs. 180 was drawn by the Medical Inspector during the year.

6. No prosecutions were instituted under the Act during the year and no accidents reported.

7. Copies of the reports and statements of the Sub-divisional Magistrates are enclosed.

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Enclosures.

From M.R.Ry. S. RAMU 1YER Avargal, Deputy Magistrate, Adóni Division, to the District Magistrate of Bellary, dated 28th March 1896, Dis. No. 108.

I have the honour to submit my report for the year 1895 on the working of Messrs. Dymes & Co.'s Cotton Press, Adóni. Of the other three marginally-noted factories in the division, the first two worked for 103 and 63 days, respectively, and the main building of the third took fire just at the commencement of the cotton season and it was under reconstruction during the whole of the year.

1. Messrs. A. Sabapati Mudaliar & Co.'s Cotton Press, Adóni.
2. Rambillos Sowcar's Cotton Press, Adóni.
3. The City People's Press, Adóni.

2. The factory was inspected twice by me. It worked for 238 days during the year. The District Medical and Sanitary Officer inspected it thrice, which is the prescribed number under the rules; he should have inspected it once in the first four months of the year. I am not in possession of information as to the amount drawn by him on account of the allowances.

3. No children were employed during the year, and consequently the Certifying Surgeon had no work.

4. The physical condition of the operatives appeared good at my inspection.

5. The state of water-supply, ventilation and sanitation was all satisfactory.

6. The machinery is secure in a separate room.

7. There were no accidents in the factory during the year.

8. Daily wages ranged from $2\frac{1}{2}$ to 6 annas for men and 2 to 4 annas for women. Men are employed in bundling bales, filling cotton in the box, borah cutting and borah weighing, and females in picking up cotton in borahs and cleaning cotton. The wages compare favourably with those of common agricultural labourers.

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

10. The prescribed statements accompany.

11. The defects noticed at each of my inspections of the factory are noted in the enclosed appendix. Register E has not been brought up to date, though the manager was requested by me to do so.

12. I regret the delay in the submission of this report, which was due to the fact that certain information required for the report and the statements was received from the manager of the factory only on the 26th instant.