(1) பக்கங்களின் எண்ணிக்கை 126

(2) புதுக்கித் திருப்பிய நாள் 9/0-6.89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

(23)

# தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. W. D. துறை

| | | |
|---|---|---|
| அரசாணை எண்.<br>மு. கோப்புத் தாள் எண். | 947-48 | அச்சகம்<br>பலவகை |
| நாள் : | 7-4-1884. | ~~198~~ . |

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

63 Sheets. கோ.தி.

ஆவண, கா-1—18,000—15-6-87.

7th April 1884, No. 947 W., Public Works.

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GOVERNMENT OF MADRAS.

# PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers :—

From G. T. WALCH, Esq., Officiating Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 25th March 1884, No. 3707 G.D.

With reference to G.O., No. 141 W., dated the 17th January 1884, I have the honor to submit herewith statements* in the prescribed form for 1881-82 and 1882-83 on the training of apprentices in the Government Workshops, Dowlaishweram.

* Two.

Enclosures.

*Results of the Native Apprentices entertained in Dowlaishweram Workshops for* 1881-82.

Statement A, showing the Number of Apprentices employed during the Year 1881-82.

| Races. | Fitters. | Carpenters. | Moulders. | Others. | Total. | Remarks. |
|---|---|---|---|---|---|---|
| Hindus ... ... ... | 1 | 1 | ... | ... | 2 | |
| Muhammadans, &c. ... | ... | ... | ... | ... | ... | |

Statement B, showing the Number of Trained Men turned out during the Year 1881-82.

*Nil.*

Statement C, showing the Employments obtained by the Apprentices who completed Training as in Statement B.

*Nil.*

Statement D, showing the Trades of the Apprentices who obtained Employment as shown in Statement C., employed by the several Classes of Employers.

*Nil.*

(Signed) C. C. RAWSON, Captain, R.E.,
Executive Engineer.

(Signed) G. T. WALCH,
Offg. Superintending Engineer, I Circle.

*Results of the Native Apprentices entertained in Dowlaishweram Workshops for* 1882-83.

Statement A, showing the Number of Apprentices employed during the year 1882-83.

| Races. | Fitters. | Carpenters. | Moulders. | Others. | Total. | Remarks. |
|---|---|---|---|---|---|---|
| Hindus ... ... ... | ... | 4 | ... | ... | 4 | |
| Muhammadans ... ... | ... | 1 | ... | ... | 1 | |
| Native Christians, &c. ... | ... | 1 | ... | ... | 1 | |
| Total ... | ... | 6 | ... | ... | 6 | |

STATEMENT B, showing the Number of Trained Men turned out during the Year 1882-83.

*Nil.*

STATEMENT C, showing the Employments obtained by the Apprentices who completed Training as in Statement B.

*Nil.*

STATEMENT D, showing the Trades of the Apprentices who obtained Employment as shown in Statement C., employed by the several Classes of Employers.

*Nil.*

(Signed) C. C. RAWSON, Captain, R.E.,
Executive Engineer.

(Signed) G. T. WALCH,
Offg. Superintending Engineer, I Circle.

---

From J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Cowtaram, 22nd March 1884, No. 3251 K.S. :—

With reference to your reminder No. $\frac{141\ \text{W.,}}{1}$ of the 3rd instant, I have the honor to submit herewith statements in the prescribed form of the results of training apprentices for Foreman Mechanics in the Bezváda Workshop up to 1881-82 and for 1882-83.

1 Statement A.
1 Statement B, C and D.

2. I would, however, point out that it can hardly be said that our apprentices are being trained for *Foremen* Mechanics.

3. The class of boys we are able to get are ill-educated, and I think few of them will ever be likely to rise above the artizan.

ENCLOSURE.

STATEMENT A, showing Number of Apprentices employed during the Year 1881-82 in the Government Workshop, Bezváda, Kistna.

| Race. | Fitters. | Carpenters. | Moulders. | Mathematical Instrument-makers. | Turners. | Black-smiths. | Pattern-makers. | Others. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Hindus .. .. .. | 1 | 2 | .. | .. | .. | .. | .. | .. | 3 |
| Muhammadans .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Parsis .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Native Christians .. .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 |
| Europeans and Eurasians .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total .. | 1 | 3 | .. | .. | .. | .. | .. | .. | .. |

BEZVADA,
17th March 1884.

(Signed) J. W. RUNDALL,
Superintending Engineer, II Circle.

(Signed) J. D. GRANT,
Executive Engineer, Eastern Division.

STATEMENT B, showing Number of Trained Men turned out during the Year 1881-82 in the Government Workshop, Bezváda, Kistna.

*Nil.*

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STATEMENT C, showing Employment obtained by the Apprentices who completed Training as in the Statement B during 1881-82 in the Government Workshop, Bezváda, Kistna.

*Nil.*

STATEMENT D, showing the Trades of the Apprentices who obtained Employment as shown in Statement C, employed by the several Classes of Employers during the Year 1882-83.

*Nil.*

COWTARAM,
22nd March 1884.

(Signed) J. W. RUNDALL,
Superintending Engineer, II Circle.

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From the Consulting Engineer for Railways, dated Madras, 25th February 1884, No. 67.

## MADRAS RAILWAY.

STATEMENT A, showing Number of Apprentices employed during Year 1881-82.

*Nil.*

STATEMENT B, showing Number of Trained Men turned out during the Year 1881-82.

*Nil.*

STATEMENT C, showing Employment obtained by the Apprentices who completed Training as in Statement B during 1881-82.

*Nil.*

STATEMENT D, showing the Trades of the Apprentices who obtained Employment as shown in Statement C, employed by the several Classes of Employers during 1881-82.

*Nil.*

PERAMBUR WORKS,
25th January 1884.

(Signed) F. H. TREVITHICK,
Locomotive Superintendent.

STATEMENT A, showing Number of Apprentices employed during Year 1882-83.

| Race. | Fitters. | Carpenters. | Moulders. | Mathematical Instrument-makers. | Turners. | Black-smiths. | Pattern-makers. | Others. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Hindus .. .. | 4 | 4 | 4 | .. | .. | .. | .. | .. | 12 |
| Muhammadans .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Parsis .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Native Christians .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Europeans and Eurasians .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

STATEMENT B, showing Number of Trained Men turned out during the Year 1882-83.

*Nil.*

STATEMENT C, showing Employment obtained by the Apprentices who completed Training as in Statement B during 1882-83.

*Nil.*

STATEMENT D, showing the Trades of the Apprentices who obtained Employment as shown in Statement C, employed by the several Classes of Employers during 1882-83.

*Nil.*

PERAMBUR WORKS,
25th January 1884.

(Signed) F. H. TREVITHICK,
Locomotive Superintendent.

Submitted for the information of Government of India, with reference to their Resolution No. 25 G., dated 7th January 1884, embodied in Proceedings of Government, No. 141 W., of 17th idem.

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ORDER—dated 7th April 1884, No. 947 W., Public Works.

Ordered that the reports be forwarded to the Secretary of State and the Government of India.

2. The annual reports to be submitted by the Railway authorities are required only in respect to the apprentices transferred from the Madras Public Works Workshops to the Perambúr Workshops.

3. With reference to paragraphs 2 and 3 of his letter above recorded, the attention of the Superintending Engineer, II Circle, is called to the letter from his office, No. 197, dated 21st January 1878, printed with Proceedings of Government, No. 4465 W., dated 23rd November 1878, in which it was stated that arrangements would be made for the elementary education of the lads.

(Here enter No. 948 W., dated 7th April 1884.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" " " II Circle.
" Consulting Engineer for Railways.

Exd. J. Moses.
Spare Copies.

GENERAL.
ESTABLISHMENT.

# Govt. of {1884} Madras.

PUBLIC WORKS.

947-8

*Dated April, 7th.*

*Recd.* *Encl.*

**G.O., 7th April 1884, No. 947 W.**

**APRIL.**

## Native Apprentices

Reports on the training of — as Foreman Mechanics up to end of 1881-82 and for 1882-1883.

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7th April 1884, No. 948 W., Public Works.

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# PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Letter—from

Colonel J. SHAW-STEWART, R.E.,
*Secretary to the Government of Madras,*
*Public Works Department,*

To

The SECRETARY to the GOVERNMENT of INDIA,
Public Works Department.

Sir,

Adverting to Government of India Resolution, No. 25 G., dated 7th January 1884, I am directed to forward a copy of the Proceedings of this Government, No. 947 W., dated 7th April 1884, embodying reports on the training of native apprentices up to the end of the official year 1881-82 and for 1882-83.

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

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

Fort St. George,
7th April 1884.

Exd. J. Moses.
Spare Copies

GENERAL.
ESTABLISHMENT.

## Govt. of (1884) Madras.

PUBLIC WORKS.

947-8

*Dated April, 7th.*

*Recd.* *Encl.*

**7th April 1884, No. 948 W.**

**APRIL.**

### Native Apprentices

Reports on the training of — as foremen mechanics up to end of 1881-82 and for 1882-83.

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GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

23rd November 1878, No. 4,465 W.

General.
Establishment.

Read the following papers :—

No. 259. From Major J. O. HASTED, R.E., Superintending Engineer, Kistna District, to the Chief Engineer and Secretary to Government, Public Works Department, dated Masulipatam, 21st January 1878, No. 197.

WITH reference to G.O., No. 16 W, dated 4th January 1878, I have the honor to report that I have lately taken into the Bezwada Workshop three East Indian lads as apprentices.

2. The apprentices are not bound in any way, but have been selected by me on the understanding that they will serve in the shops for three years. They are all intelligent lads, and have been educated to some extent, and are placed specially under the Superintendent of Workshops, who is a trained mechanic, for instruction. Their pay is 7 Rupees per mensem.

3. I hope to be able to arrange shortly that they shall be instructed daily in writing, arithmetic, and drawing to begin with, but at present I have no one available to instruct them.

No. 259-A. Endorsement of the District Engineer, Presidency, dated 14th February 1878, No. 6,423.

From J. N. GRAINGER, Esq., General Superintendent, Public Works Workshops, to the District Engineer, Presidency, dated Madras, 11th February 1878, No. 3,442.

WITH reference to your endorsement, No. 5,809, of 17th January 1878, on G.O., dated 4th idem, No. 16 W, I have the honor to state that apprentices are entertained only in the Instrument Department of the Workshops.

2. These apprenticeships were sanctioned in G.O., Nos. 1,189, 2,251, dated 11th May 1863 and 17th July 1866. They attend work with the workmen and receive Rupees 10 per mensem for the first year, working up to Rupees 25 to the fifth year, according to qualification and conduct. After their apprenticeship has expired they are retained in the Instrument Department as workmen. All repairs to instruments are now done by them.

3. The Mathematical Instrument Maker received Rupees 15 per mensem for each of the six apprentices sanctioned in the above Government Orders.

4. In the Mechanical Department no apprentices are entertained, but lads are taken on in the different shops, where they are supposed to serve five years, on similar terms as the Instrument Department Apprentices, before they are considered workmen.

5. Neither apprentices nor boys pass any examination when entertained, but are simply taken on when a vacancy occurs on the recommendation of gentlemen in Madras who give them a letter.

6. With few exceptions they do not prove a success, for lads of their age and inclinations require to be kept under restraint similar to that of the Artificer School in the Gun Carriage Factory. The Workshops, being self-supporting, could not incur the expense of such a school without a fixed budget allotment for that purpose. If this is granted we may commence, say with 20 boys, locating them in part of the late Civil Orphan Asylum building situated about a quarter of a mile from the Workshops, and where there is ample accommodation in the way of sleeping, dining, and school-rooms. The number may be increased by five yearly admittances by examination in reading, writing, and arithmetic. A Sergeant would be required to look after them when not at work; also a Schoolmaster and house servants, so that the cost per boy per mensem, including Superintendent's allowance of Rupees 5 for each boy, would probably be Rupees 30, or Rupees 7,200 per annum for 20 boys.

7. Such a scheme is, I think, too expensive for the results that are likely to be obtained; for at the end of the apprenticeship they may seek other employment than Government service.

8. The above scheme is intended for Eurasians or Europeans domiciled in Madras, who, I believe, are considered natives, but if all classes are to have the benefit of the apprenticeships we must give up the idea of feeding and clothing them.

9. My experience is that the Native is better than the Eurasian for out-door work such as these men would have to do if employed in the districts where, I suppose, it is intended they shall have the standing of an Overseer, and be available for general use. I think, therefore, that the best means for obtaining the best men from these two classes will be to engage them in the Workshops as apprentices at from fifteen to eighteen years of age when they should pass an examination in reading, writing, and arithmetic. That the apprenticeship should be for five years, during which time they should pass three months in each of the shops, viz., blacksmiths' foundry and carpenters' after being two years apprenticed, and that the last six months of their time be spent in the drawing office. During the whole of the five years two half days a week should be set apart for attending school.

10. Their pay to be Rupees 15 per mensem for the first two years, and then increase yearly by Rupees 5 up to Rupees 30 for the fifth year, but no increase of pay to be given until the suitable examination, for each increase, has been passed. Five apprentices may be taken on yearly if Government can guarantee them employment after they have served their time.

11. A budget allotment of two-thirds of their pay should be made by Government, the remaining one-third being paid by the Workshops. By the adoption of the latter scheme a better class can be obtained with less cost to Government.

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SUBMITTED to the Chief Engineer, Public Works Department, with reference to G.O., No. 16 W, dated 4th January 1878.

(Signed) ROSS THOMPSON, Major, R.E.,
District Engineer, Presidency.

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No. 159-B. From Lieutenant-Colonel J. BEATTY, R.E., Superintending Engineer, Godavari, to the Chief Engineer, Public Works Department, dated Dowlaishvaram, 29th March 1878, No. 4,104.

As directed in G.O., No. 16 W, of 4th January 1878, I have the honor to report on the steps to be adopted for giving effect to the wish of Government for maintaining a proper system of apprenticeship, and giving a thorough training to the boys employed at the Dowlaishvaram Workshops.

2. At present the Native and East Indian lads who come to these Workshops have little or no education, and do not receive such a training as would fit them for employment as Foremen Mechanics.

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3. The young natives are perfectly ignorant even of reading and writing their own language when they enter the shops, and receive no education while there. They usually commence as bellows boys, and according as they show an inclination for some particular kind of work they are employed as carpenters, vicemen, smiths, or moulders. In course of time, according to the ability each man shows in his work, his pay is raised. Good carpenters can earn 13 Rupees a month, and first class smiths 20 Rupees. But the shops cannot afford to offer inducements to these men to enter into an engagement to serve for a term of years and go through a training in the different kinds of work, nor can they afford to maintain a school for the boys and give them some education.

4. There are generally four or five East Indian boys in the shops, who enter about thirteen or fourteen years of age, are allowed 5 Rupees a month from the shops at starting, and have their pay raised according to the value of their work up to 20 or 25 Rupees. Present inducements are insufficient to attract any but the very poorest East Indians with little or no education.

5. To improve the system and attract a better class of men Government aid is needed. It is proposed that the shops should always have under training ten East Indian and ten Native Apprentices, that these apprentices should be induced by the offer of extra pay to sign written agreements to serve in the shops for a period of five years, and that they should have two or three hours of schooling daily, to teach them to speak and write English and give them some knowledge of arithmetic.

6. The grant required from Government to carry out the new system of apprenticing is as follows:—

| | RS. |
|---|---|
| Extra pay to ten native boys, at 5 Rupees per mensem ... ... | 600 |
| Do. to ten East Indians, at 10 Rupees ... ... ... ... | 1,200 |
| One East Indian Schoolmaster, at 60 Rupees per mensem ... ... | 720 |
| | 2,520 |
| Books and writing materials .. ... ... ... ... ... | 280 |
| Total annual grant ... | 2,800 |

7. The East Indian apprentices should be allowed free quarters, and be under the constant supervision of the Deputy Superintendent of the Workshops; consequently some extra expense for buildings for their accommodation would be needed on starting the system.

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No. 159-C. Read again G.O., No. 351 R, dated 13th April 1878.

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No. 160.

ORDER THEREON, 23rd November 1878, No. 4,464 W.

THE proposals for carrying into effect the wishes of the Government of India with regard to the training of native apprentices in the Workshops of this Presidency, which have been made in the foregoing letters, are in the opinion of the Government too costly, and any possible return for the expenditure too uncertain, to allow of their being adopted at present. His Grace the Governor in Council conceives that the native artisan caste system may with advantage be taken as the basis of an apprentice system.

2. Experience in England and on the continent has shown that a term of five years is not too long for apprentices, if it be desired that they shall have such a thorough training as will make them really good mechanics; and His Grace in Council considers that for native boys, who most probably begin to assist their parents as bellows boys or in other ways when about ten years old, the age of twelve is the most suitable at which they can be apprenticed.

3. Those lads who are taken on should be able to pass a simple qualifying examination in reading, writing, and summing in their own vernacular; the last in English figures. During their apprenticeship of five years they should be passed regularly through the machine, handicraft, smiths', braziers, and carpentry shops, according to the class of work carried on, and the peculiar bent of the individual. They should be paid the rates payable to boys of similar age, and encouraged by annual or half-yearly increments according to the proficiency displayed by them.

4. At the expiration of the full term of training a small premium will be paid to such of the apprentices as shall be certified on trial by the Superintendent of the Workshops to be properly skilled, and for each apprentice a sum of Rupees 75 will be paid to the foreman or person in charge of each mechanical department of the shops when the apprentice leaves the department or shop being certified by the Superintendent to have been thoroughly taught and be skilled in the particular branch.

5. These payments should be the only expense to Government, as the lads will earn their own pay.

6. The number of boys to be taken on annually may be at present fixed at four at the Presidency Workshops and two at Dowlaishvaram and Bezwada, respectively; they should be Tamil or Telugu lads, and generally the sons of the workmen. The Government direct that immediate effect be given to these orders, which need not interfere with any existing arrangement at the Workshops for training East Indian or Native boys, provided that no additional expense is involved. The Superintendents must see that the tests are real, and such as will indicate accuracy and correctness of eye and touch, cleverness in manipulation of tools, and, in the case of carpentry, in mode of construction; and in both carpentry, mechanical and smiths' work, it is most necessary that some moving parts should always be formed, the ease of movement indicating, as a general rule, the goodness of the work.

7. Ordered that a copy of these Proceedings be forwarded to the Government of India for information with reference to their resolution on the subject.

Circular No. 71 P W, dated 17th Dec. 1877.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineers, First and Third Circles.
" Educational Department.
" Examiner of Public Works Accounts.

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No. 261. (DOCKET No. 4,465 W, dated 23rd November 1878.)

COPY of the above forwarded to the Government of India.

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Govt., P.W.D.

Exd. C. Howarth.
Spare Copies

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?

GENERAL.
ESTABLISHMENT.

# Govt. of {1878} Madras.

## PUBLIC WORKS.

*To*

THE SECRETARY TO THE
GOVERNMENT OF INDIA.

*Dated November 23rd.*

947-48

*Issued*

*Recd.* *Encl.*

*G. O., 23rd November 1878, No. 4,465 W.*

**NOVEMBER.**

**Nos. 259-261.**

TRAINING of Native Apprentices for Foremen-Mechanics.

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GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

27th June 1879, No. 1,707 W.

General.
Establishment.

Read the following :—

No. 129. Despatch from the Right Honorable the Secretary of State for India.

Public Works,
No. 12.

INDIA OFFICE, LONDON,
29th May 1879.

MY LORD DUKE,—Your Grace's letter, No. 11, dated 18th March last, informs me of the proceedings taken by your Government to provide for the more satisfactory training of natives for the position of Foremen mechanics in the Public Works Department.

2. The action which, after consultation with the officers of your Public Works Department, you have thought it advisable to take in this matter is described in G.O., dated 23rd November 1878, No. 4,464 W., and appears to me appropriate.

3. I shall be glad to be kept informed from time to time of the progress made in the training of natives under the operation of the scheme thus instituted by your Government.

I have, &c.,
CRANBROOK.

His Excellency the Most Noble
The Governor in Council, Fort St. George.

No. 130. ORDER THEREON, 27th June 1879, No. 1,707 W.

COMMUNICATED to the officers concerned, who will submit a report on the working of the arrangements ordered to be introduced in Government Proceedings, No. 4,464 W., of the 23rd November 1878, half-yearly; the first report to be sent in on the 1st November next.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, First Circle.
" General Superintendent, Public Works Workshops.
" Consulting Engineer for Railways, with copy of G.O.,
No. 703 W., of 7th March 1879.

Exd. C. Howarth.
Spare Copies

GENERAL.
ESTABLISHMENT.

# Govt. of (1879) Madras.

## PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
FIRST CIRCLE.
&c., &c., &c.

*Dated June 27th.*

942-48

*Issued*

*Recd.*

*Encl.*

G. O., 27*th June* 1879, *No.* 1,767 W.

JUNE.
Nos. 129-130.

*Training of Natives for the position of Foremen Mechanics.*—Despatch from the Secretary of State on the subject of —, communicated to the officers concerned with instructions.

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## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 123.

READ—again G. O., dated 16th June 1882, No. 1507 W., Public Works.

No. 124.

ORDER—dated 19th July 1882, No. 1850 W., Public Works.

It is observed that the half-yearly reports on the training of Native Apprentices are not submitted by the officers concerned in the same form, and uniformity being desirable, the Government direct that the following form be adopted for all future reports :—

| No. | Name. | Age. | Pay. | When entertained. | Knowledge of Work. | Work employed upon. | Conduct. | General Remarks. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the General Superintendent, Public Works Workshops.
„ Superintending Engineer, First Circle.
„ „ „ Second Circle.

Exd. A. F. Goodall.
Spare Copies

GENERAL.
ESTABLISHMENT.

# Govt. of (1882) Madras.
## PUBLIC WORKS.

947-8

*Dated July, 19th.*

*Recd.* *Encl.*

**G.O., 19th July 1882, No. 1850 W.**

**JULY.**
**Nos. 123-124.**

## Native Apprentices.

*Training of* —. Prescribing a form for the submission of half-yearly reports on the —.

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24th November 1882, No. 3104 W., Public Works.

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GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

No. 145.

General.
Establishment.

Read—the following papers :—

From Lieutenant W. L. C. BADDELEY, R.E., General Superintendent, Public Works Workshops, to the Chief Engineer, Public Works Department, dated Madras, 2nd October 1882, No. 1637 W.

I have the honor to report that owing to the falling off of work, consequent upon the late orders restricting the operations of the workshop, I am unable to find employment for the native apprentices.

The following is a list of the boys, with the necessary particulars about them :—

| Names. | Age. | Trade Learning. | Service. | | Salary. | Remarks. |
|---|---|---|---|---|---|---|
| | | | YS. | MS. | | |
| *Carpenter Shop.* | | | | | | |
| Jegganathen ... ... | 18 | Carpentry ... | 3 | 6 | As. 6 per day. | |
| Nagaruthnam ... | 17 | Do. ... | 3 | 6 | Do. | |
| Lutchumanan ... | 16 | Do. ... | 3 | 6 | Do. | |
| Soobarayen ... ... | 18 | Do. ... | 0 | 4 | As. 5 per day. | Entertained as carpenter boy on 24th September 1878 and as apprentice on 1st June 1882. |
| *Foundry.* | | | | | | |
| C. Lazar ... ... | 17 | Moulding ... | 2 | 6 | Do. | |
| Coopoosawmy ... | 18 | Do. ... | 1 | 3 | Do. | |
| Davarajoo ... ... | 16 | Do. ... | 1 | 3 | As. 4 per day. | |
| Rajoo ... ... ... | 16 | Do. ... | 1 | 3 | Do. | |
| *Filer Shop.* | | | | | | |
| Ramanjooloo ... ... | 15 | Filing and Fitting. | 1 | 6 | Do. | |
| Varatharajooloo ... | 16 | Do. ... | 1 | 6 | Do. | |
| Comarasawmy ... | 16 | Do. ... | 1 | 6 | Do. | |
| Kistnasawmy ... ... | 15 | Do. ... | 1 | 6 | Do. | |

The demand for moulders and filers being very limited it is not likely that any of these boys, except the carpenters, will be able to work at their trade after they have left the workshop.

Under these circumstances I beg to inquire whether the apprentices are to be dismissed, and, if so, I would beg to recommend that a small gratuity be allowed to each boy, viz., one month's pay for each year of service.

No. 145-A.

From Lieutenant W. L. C. BADDELEY, R.E., General Superintendent, Public Works Workshops, to the Chief Engineer, Public Works Department, dated Madras, 17th November 1882, No. 1988 W.

With reference to your memorandum No. 876 E., of 10th October 1882, I have the honor to report that the Madras Railway can find employment for all the native apprentices.

2. I do not think it will be advisable to retain any of the boys in this workshop, as when it has been reduced to a repair establishment they will have no opportunity of perfecting themselves in their trades.

3. On receipt of orders, I will send the apprentices to the Locomotive Superintendent, Madras Railway Company.

---

No. 146.

Order—dated 24th November 1882, No. 3104 W., Public Works.

The Government approve of the transfer to the Railway Workshops of the apprentices under instruction at the Presidency Public Works Workshops.

2. The General Superintendent will arrange the transfer in communication with the Railway authorities.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the General Superintendent, Public Works Workshops.
„ Examiner, Public Works Accounts.
„ Consulting Engineer for Railways.

Exd. S. T. Austin.
Spare Copies

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GENERAL.
ESTABLISHMENT.

# Govt. of {1882} Madras.
## PUBLIC WORKS.

947-48

*Dated November, 24th.*

*Recd.*

*Encl.*

**G.O., 24th Nov. 1882, No. 3104 W.**

**NOVEMBER.**
**Nos. 145-146.**

## Public Works Workshops' Apprentices.

*The transfer of the* — to the Railway Workshops, approved.

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6TH JANUARY 1883, No. 15 W., PUBLIC WORKS.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 17.

READ—the following papers:—

STATEMENT regarding the Native Apprentices entertained in Bezváda Workshop for the Half-year ending 30th September 1882.

| Number. | Names. | Age. | Pay. | | | When entertained. | Knowledge of work. | Work employed upon. | Conduct. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | YEARS. | RS. | A. | P. | | | | | |
| 1 | Butha Bhushanum. | 13½ | 2 | 8 | 0 | 25th April 1880. | Knows planing, morticing, and sawing. | Various carpenter works. | Indifferent. | All these boys can read and write Telugu a little, but I have no means of educating them further. |
| 2 | Manickapally Bramham. | 14½ | 2 | 8 | 0 | Do. .. | Do. do. .. | Do. do. .. | Good .. | |
| 3 | Punchcarla Sashayya. | 12 | 2 | 8 | 0 | 1st Oct. 1881. | Do. do. .. | Do. do. .. | Do. .. | |
| 4 | Kota Somaya .. | 11½ | 2 | 8 | 0 | Do. .. | A little filing .. | Oiling and filing. | Do. .. | |

BEZVADA,
17th October 1882.

(Signed) J. W. RUNDALL,
Supg. Engr., Second Circle.

(Signed) J. D. GRANT,
Executive Engineer.

## GODAVARI DISTRICT.

GOVERNMENT WORKSHOPS, DOWLAISHWERAM.

STATEMENT regarding the Native Apprentices entertained in the Dowlaishweram Workshops for the Half-year ending 31st October 1882.

| Number. | Names. | Age. | Pay. | | | When entertained. | Knowledge of work. | Work employed upon. | Conduct. | General Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RS. | A. | P. | | | | | |
| 1 | Mandapaty Narasiah. | 17 years. | 4 | 0 | 0 | June 1879. | Cutting screws. | Screw gearing, box locks making. | Good. | Reads and writes English and Telugu. Arithmetic as far as Fractions. |
| 2 | Durnalacotta Chinniah. | 16 ,, | 4 | 0 | 0 | May 1880. | Planing, morticing and tennoning. | Venetian shutters for boats and furniture making. | Do. | Reads and writes English and Telugu. Arithmetic as far as Compound Fraction Rules. |
| 3 | Annamdevera Venkanna. | 15 ,, | 2 | 8 | 0 | Oct. 1881. | Filing and fitting. | Learning to file and chip. | Do. | Reads and writes Telugu. Learning the Alphabet in English. |
| 4 | Angara Venkatasubbarayudu. | 14 ,, | 2 | 8 | 0 | ,, ,, | Planing and morticing. | Learning rattan work. | Do. | Do. do. |

DOWLAISHWERAM,
10th November 1882.

(Signed) C. H. B. BURLTON,
Offg. Executive Engineer.

(Signed) E. W. BENNETT, Sub-Conductor,
Supervisor.

(Signed) G. T. WALCH,
Offg. Supg. Engr., First Circle.

To the Chief Engineer, Public Works Department—*vide* G.O., No. 1707 W., of 27th June 1879.

No. 17-A.

From Lieutenant W. L. C. BADDELEY, R.E., General Superintendent, Public Works Workshops, to the Chief Engineer, Public Works Department, dated Madras, 28th November 1882, No. 2033 W.

I have the honor to forward my report on the Native Apprentices of this Workshop for the half-year ending 30th September 1882.

2. The Locomotive Superintendent of the Madras Railway Company has expressed his willingness to take on these Apprentices at the Perambúr Workshops.

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Report on the Native Apprentices of the Presidency Public Works Workshops for the Half-year ending 30th September 1882.

| Number. | Names. | Age. | Pay. | | | When entertained. | Knowledge of work. | Works employed upon. | Conduct. | General Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | YEARS. | RS. | A. | P. | | | | | |
| | *Carpenter Shop.* | | | | | | | | | |
| 1 | Jegganathen .. | 18 | 0 | 6 | 0 | 1st April 1879. | Can do plain work from drawings. | Making tracing glass frames, instrument stands, sluice shutters, repairing levelling staves and instrument boxes. | Very good. | |
| 2 | Nagaruthnum .. | 17 | 0 | 6 | 0 | Do. .. | Do. .. | Making almirahs, sluice shutters, wheels, dealwood cases, Soorkey screens and archimedian screws. | Do. | |
| 3 | Lutchumanen .. | 16 | 0 | 6 | 0 | Do. .. | Do. .. | Do. do. .. | Do | |
| 4 | Soobroyen .. | 18 | 0 | 5 | 0 | 1st June 1882. | Can plane, mortice and tennon. | Making sluice shutters, dealwood cases and archimedian screws. | Do. | |
| | *Foundry.* | | | | | | | | | |
| 5 | C. Lazar .. | 17 | 0 | 5 | 0 | 1st April 1880. | Can make ordinary moulds. | Street boxes, rammers, pipes, nuts, friction plates, shoes of trusses, &c. | Do. | |
| 6 | Coopoosawmy .. | 18 | 0 | 5 | 0 | 1st July 1881. | Do. .. | Do. do. .. | Do. | |
| 7 | Davarajoo .. | 16 | 0 | 4 | 0 | Do. .. | Do. .. | Do. do. .. | Do. | |
| 8 | Rajoo .. | 16 | 0 | 4 | 0 | Do. .. | Do. .. | Do. do. .. | Do. | |
| | *Filer Shop.* | | | | | | | | | |
| 9 | Ramanjooloo .. | 15 | 0 | 4 | 0 | 1st April 1881. | Can do petty work. | Iron doors, sluice shutters, archimedian screws, street boxes and other ordinary works. | Do. | |
| 10 | Varatharajooloo. | 16 | 0 | 4 | 0 | Do. .. | Do. .. | Do. do. .. | Do. | |
| 11 | Comarasawmy. | 16 | 0 | 4 | 0 | Do. .. | Do. .. | Do. do. .. | Do. | |
| 12 | Kristnasawmy. | 15 | 0 | 4 | 0 | Do. .. | Do. .. | Do. do. .. | Do. | |

Madras,
27th November 1882.

(Signed) W. L. C. BADDELEY, Lieut., R.E.,
General Superintendent, Public Works Workshops.

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No. 18.

Order—dated 6th January 1883, No. 15 W., Public Works.

Ordered that the reports be forwarded to the Secretary of State and the Government of India.

2. The Apprentices at the Presidency Public Works Workshops having recently been transferred to the Madras Railway Workshops, the Consulting Engineer for Railways will request the Railway authorities to be good enough to furnish Government with a half-yearly report in the usual form as to the progress and conduct of the lads.

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(Here enter No. 17 W., dated 6th January 1883.)

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P. W.D.

To the Superintending Engineer, First Circle.
" " " Second Circle.
" General Superintendent, Public Works Workshops.
" Consulting Engineer for Railways,
with copies of Proceedings No. 1850 W., dated 19th July 1882, and No. 3186 W., dated 4th December 1882.

Exd. C. Howarth.
Spare Copies

GENERAL.
ESTABLISHMENT.

# Govt. of {1883} Madras.

PUBLIC WORKS.

942-8

*Dated January, 6th.*

*Recd.*

*Encl.*

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**G.O., 6th January 1883, No. 15 W.**

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**JANUARY.**
**Nos. 17-18.**

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## Native Apprentices.

*Reports on the training of* — as Foremen Mechanics during the half-year ending 30th September 1882.

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6th January 1883, No. 17 W., Public Works.

947-98
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PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 20.

Letter—from

Colonel R. H. SANKEY, R.E., C.B.,
*Secretary to the Government of Madras, Public Works Department,*

To

The SECRETARY to the GOVERNMENT of INDIA,
Public Works Department.

Sir,

In continuation of my letter No. 1509 W., dated 16th June 1882, I am directed to forward, for the information of the Government of India, a copy of the Proceedings of this Government, No. 15 W., dated 6th January 1883, embodying reports on the training of Native Apprentices for the half-year ended 30th September 1882.

I have the honor to be,
Sir,
Your most obedient servant,
(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

Fort St. George,
6th January 1883.

Exd. S. T. Austin.
Spare Copies

GENERAL.
ESTABLISHMENT.

# Govt. of (1883) Madras.

## PUBLIC WORKS.

947-48

*Dated January 6th.*

*Recd.*

*Encl.*

**6th January 1883, No. 17 W.**

**JANUARY.**
**No. 20.**

### Native Apprentices.

Reports on the training of — as Foremen Mechanics during the half-year ending 30th September 1882.

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15

26th October 1883, No. $\frac{40}{3051 \text{ W.}}$, Public Works.

## PUBLIC WORKS DEPARTMENT.

Letter—to

The Right Honorable the SECRETARY of STATE for INDIA.

My Lord,

In reply to paragraph 2 of your Lordship's Despatch, No. 9 P.W., dated 8th March 1883, we have the honor to report that with our Despatch, No. $\frac{1}{16 \text{ W.}}$, dated 6th January 1883, we forwarded a copy of our Proceedings showing the measures we had taken to restrict the operations of the Public Works workshops at Madras, in consequence of which it was necessary, we explained, to transfer the native apprentices to the Madras Railway workshops in order to continue their practical training. The terms upon which the arrangement was to be worked had not then been settled, and have since formed the subject of a protracted correspondence. The Railway Company were disinclined to receive the lads except as ordinary workmen, and considered that their transfer as indentured apprentices would confer on the lads unusual and unfair notoriety, detrimental alike to their own interests and those of their fellow-workmen, and calculated to be subversive of discipline.

2. After further correspondence, however, the Agent has consented to take the lads on condition that the Railway Company receives a premium of Rs. 100 for each apprentice, payable on completion of the full course of training. This arrangement we have agreed to, and have requested that half-yearly reports of progress should be submitted to Government.

We have the honor to be,
My Lord,
Your Lordship's most obedient, humble servants,

(Signed) M. E. GRANT DUFF.
( „ ) ~~FRED. ROBERTS.~~
( „ ) DAVID F. CARMICHAEL.
( „ ) H. E. SULLIVAN.

Fort St. George.
26th October 1883.

Exd. E. Fernandez.

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# GOVT. OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

947-8

**LETTER to the Right Honorable the Secretary of State for India.**

**No. $\frac{40}{3051\ W.}$, dated 24th Oct. 1883.**

INTIMATING the arrangements made with the Madras Railway Company for the training, in their workshops, of the native apprentices transferred from the workshops of the Public Works department.

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17

26TH OCTOBER 1883, No. 3051 W., PUBLIC WORKS.

# GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From the Consulting Engineer for Railways, dated 7th February 1883, No. 35.
From the Secretary of State for India, dated 8th March 1883, No. 9 P.W.
Office note by the Under Secretary to Government, Public Works Department, Railway Branch, dated 14th March 1883.
Memorandum to the Educational Department, dated 17th March 1883, No. 641 C.
Letter from the Director of Public Instruction, dated 21st May 1883, No. 3491.
Endorsement thereon in the Educational Department, dated 28th May 1883, No. 1019.
Endorsement in the Public Works Department, dated 31st May 1883, No. 126 E.
From the Agent and Manager, Madras Railway Company, dated 5th July 1883, No. 427.
Endorsement in the Educational Department, dated 17th September 1883, No. 1779.

ORDER—dated 26th October 1883, No. 3051 W., Public Works.

As the Madras Railway Company consider that a premium should be paid for the apprentices transferred from the Public Works workshops at Madras, His Excellency the Governor in Council sanctions the payment, accordingly, of Rs. 100 for each lad, the amount to be disbursed on completion of the full course and charged against the Public Works Department. Half-yearly reports of progress, in the prescribed forms, should be submitted.

(Here enter No. 3052 W., dated 26th October 1883.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Engineer for Railways.
" Examiner, Public Works Accounts.
" General Superintendent, Public Works Workshops.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ESTABLISHMENT.

# Govt. of (1883) Madras.

## PUBLIC WORKS.

*Dated October, 26th.*

*Recd.*

*Encl.*

**G.O., 26th Oct. 1883, No. 3051 W.**

**OCTOBER.**

## Native Apprentices

*Sanctioning the payment to the Madras Railway Company of a premium of Rs.* 100 *for each of the* — transferred to their workshops from those of the Public Works department, payable on completion of the full course of training.

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26th October 1883, No. 3052 W., Public Works.

## PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Letter—from

Colonel J. SHAW-STEWART, R.E.,
*Secretary to the Government of Madras,*
*Public Works Department,*

To

The SECRETARY to the GOVERNMENT of INDIA,
Public Works Department.

Sir,

In continuation of Colonel Sankey's letter, No. 17 W., dated 6th January 1883, I am directed to forward, for the information of the Government of India, the accompanying copy of a despatch which has been addressed to the Secretary of State in regard to the native apprentices who have been transferred to the workshops of the Madras Railway Company from those of the Public Works department at Madras.

(Here enter No. $\frac{40}{3051\text{ W.}}$, dated 26th October 1883.)

I have the honor to be,
Sir,
Your most obedient servant,
(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

Ootacamund,
26th October 1883.

Exd. E. Fernandez,
Spare Copies

GENERAL.
ESTABLISHMENT.

# Govt. of {1883} Madras.

## PUBLIC WORKS.

947-48

*Dated October, 26th.*

*Recd.*

*Encl.*

**26th Oct. 1883, No. 3052 W.**

**OCTOBER.**

## Native Apprentices

Forwarding copy of a despatch addressed to the Secretary of State in regard to the —, transferred to the workshops of the Madras Railway Company from those of the Public Works department.

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29th November 1883, No. 3413 W., Public Works.

# GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers :—

### GODAVARI DISTRICT.

Government Workshops, Dowlaishweram.

Statement regarding the Native Apprentices entertained in the Dowlaishweram Workshops up to 15th October 1883.

| No. | Name. | Age. | | Pay. | When Entertained. | Knowledge of Work. | Work employed upon. | Conduct. | General Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | | Y. | M. | RS. | | | | | |
| 1 | Mandapaty Narasiah. | 18 | 0 | 7 | June 1879. | Turning, screw-gearing, fitting. | Screw cutting. | Good. | Reads and writes English and Telugu. Arithmetic, as far as fractions. |
| 2 | Durnalacota Chinniah. | 17 | 0 | 7 | May 1880. | Planing and mortising and tennoning. | Furniture and cabinet making. | Do. | Reads and writes English and Telugu. Arithmetic, as far as compound fraction rules. |
| 3 | Annadevera Venkanna. | 16 | 0 | 4 | Oct. 1881. | Filing and fitting. | Locks making. | Do. | Reads and writes Telugu. Learning to read English. |
| 4 | Angara Venkatasubbarayudoo .. .. | 15 | 0 | 4 | Do. | Planning and mortising. | Rattaning chairs cots, &c, | Do. | Do. do. |
| 5 | Kovvadapu Anandam. | 15 | 6 | 2½ | Dec. 1882. | Learning to plane. | Planing roof work. | Do. | Do. do. |
| 6 | Burrey Veerabhadrudu | 13 | 6 | 2½ | Sept. 1883. | Do. | Hammer handles. | Do. | Do. do. Has been newly appointed, *vice* Syde Ahamad, deceased. Indenture will follow. |
| 7 | Jaine Venkanna .. | 14 | 6 | 3 | Dec. 1883. | Planing and mortising. | Lock gates. | Do. | Reads and writes Telugu. Learning to read English. |
| 8 | Kadali Veeraswamy .. | 13 | 6 | 2½ | Do. | Learning to plane. | Planing roof work. | Do. | Do. |
| 9 | Prasadi Thaliah .. | 14 | 6 | 2½ | Do. | Do. | Do. | Do. | Do. |
| 10 | Thamarapilli Seethiah. | 13 | 6 | 2½ | Jan. 1883. | Do. | Do. | Do. | Do, |

(Signed) C. C. RAWSON, Captain, R.E.,
Executive Engineer.

Dowlaishweram,
26th October 1883.

W. JOPP, Assistant Engineer,
*for* Offg. Superintending Engineer, First Circle.

To the Chief Engineer, Public Works Department.

Report on the Training of Natives as Foremen Mechanics entertained in Bezváda Workshops for the Half-year ending 30th September 1883.

| No. | Names. | Age. | Daily Rate of Pay. | | | When Entertained. | Knowledge of Work. | Work employed upon. | Conduct. | General Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RS. | A. | P. | | | | | |
| 1 | Mamillapally Bramham. | 15½ | 0 | 1 | 6 | 25th April 1880. | Mortising and fitting. | Screw gearing shutters and lock gates. | Good | Can read and write a little. |
| 2 | Panchacarla Sashayya | 13 | 0 | 1 | 6 | 1st Oct. 1881. | Do. .. | Do. .. | Do. | Do. |
| 3 | Kota Somaya .. | 12½ | 0 | 1 | 6 | 1st ,, ,, | A little chipping and fitting. | Do. .. | Do. | Can write a little. |
| 4 | Mekala Gopalaswamy | 11½ | 0 | 0 | 7 | 7th May 1883. | Learning planing. | Do. .. | Do. | Can read and write a little. |
| 5 | Attile Mallikharjanudu. | 10½ | 0 | 0 | 7 | 7th ,, ,, | Do. .. | Do. .. | Do. | Do. |
| 6 | Battu Semiyone .. | .. | .. | | | .. | .. | .. | .. | Absent without leave for two months. |

*N.B.*—All are being taught reading, writing, and arithmetic.

Bezvada,
22nd October 1883.

(Signed) J. D. GRANT,
Executive Engineer, Eastern Delta, Kistna.

26th October 1883.

(Signed) J. W. RUNDALL,
Superintending Engineer, Second Circle.

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From the Acting Consulting Engineer for Railways, dated Madras, 23rd November 1883, No. 328.

Statement regarding the Native Apprentices entertained in Perambúr Works, Madras Railway.

| No. | Names. | Age. | Pay. | | | When Entertained. | Knowledge of Work. | Work employed upon. | Conduct. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | RS. | A. | P. | | | | | |
| 1 | Jagganathen .. | 20 | 0 | 6 | 0 | 7th Dec. 1882.. | Good .. | Carriage building. | Good. | Reads and writes English. |
| 2 | Nagaruthnum .. | 18 | 0 | 6 | 0 | 7th ,, ,, .. | Fair .. | Do. .. | Do. | Do. |
| 3 | Lutchumonen .. | 18 | 0 | 6 | 0 | 7th ,, ,, .. | Good .. | Do. .. | Do. | Do. |
| 4 | Soobroyen .. | 19 | 0 | 5 | 0 | 7th ,, ,, .. | Fair .. | Do. .. | Do. | Can read and write English, but speaks it very little. |
| 5 | C. Lazar .. .. | 21 | 0 | 5 | 0 | 4th ,, ,, .. | Fairly good .. | General work .. | Do. | Speaks English a little. |
| 6 | Coopoosawmy .. | .. | .. | | | .. | .. | .. | .. | Discharged after three months' absence. |
| 7 | Davarajoo .. | 17 | 0 | 4 | 0 | 4th Dec. 1882.. | Very good .. | Small work .. | Do. | .. |
| 8 | Rajoo .. .. | 20 | 0 | 4 | 0 | 4th ,, ,, .. | Do. .. | Light castings .. | Do. | .. |
| 9 | Ramanjooloo .. | 21 | 0 | 4 | 0 | 7th ,, ,, .. | Can use their tools very fairly, and fair workmen. | Fitter, erecting shop. | Do. | Speaks, reads and writes English. |
| 10 | Varatharajooloo .. | 18 | 0 | 4 | 0 | 7th ,, ,, .. | | Do. .. | Do. | Do. |
| 11 | Comarasawmy .. | 19 | 0 | 4 | 0 | 7th ,, ,, .. | | Do. .. | Do. | Do. |
| 12 | Kistnasawmy .. | .. | .. | | | .. | .. | .. | .. | Absconded in May 1883. |

Perambur Works,
19th November 1883.

(Signed) F. H. TREVITHICK,
Locomotive Superintendent.
(Signed) J. W. MELLIS,
*for* Agent and Manager.

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Submitted for the information of Government with reference to Proceedings of Government, No. 3051 W., dated 26th October 1883, and for transmission to the Secretary of State.

Madras,
23rd November 1883.

(Signed) SIDNEY SMITH, Major, R.E.,
*for* Ag. Consulting Engineer for Railways.

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Order—dated 29th November 1883, No. 3413 W., Public Works.

Ordered that the foregoing reports be forwarded to the Secretary of State and the Government of India.

(Here enter No. 3414 W., dated 29th November 1883.)

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, First Circle.
„ „ Second „
„ Consulting Engineer for Railways.

Exd. A. F. Goodall.
Spare Copies

GENERAL.
ESTABLISHMENT.

# Govt. of {1883} Madras.

PUBLIC WORKS.

947-48

*Dated November, 29th.*

*Recd.*
*Encl.*

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**G.O., 29th Nov. 1883, No. 3413 W.**

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**NOVEMBER.**

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## Apprentices

**The reports on the training of native — as foremen mechanics for the half-year ending 30th September 1883, ordered to be forwarded to the Secretary of State and the Government of India.**

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21

29th November 1883, No. $\frac{45}{3413\ W.}$, Public Works.

## PUBLIC WORKS DEPARTMENT.

Letter—to

The Right Honorable the SECRETARY of STATE for INDIA.

My Lord,

In continuation of our despatch, No. $\frac{*\ 40}{3051}$ W., dated 24th October 1883, we have the honor to forward a copy of our Proceedings, No. 3413 W., dated 29th November 1883, embodying brief reports on the training of native apprentices for the half-year ended 30th September 1883.

We have the honor to be,
My Lord,
Your Lordship's most obedient, humble servants,

(Signed) M. E. GRANT DUFF.
( „ ) FRED. ROBERTS.
( „ ) DAVID F. CARMICHAEL.
( „ ) H. E. SULLIVAN.

Fort St. George,
29th November 1883.

Exd. A. F. Goodall.

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# GOVT. OF MADRAS.

## *PUBLIC WORKS DEPARTMENT.*

947-48

**LETTER** to the Right Honorable the Secretary of State for India.

No. $\frac{45}{3413\text{ W.}}$, dated 29th Nov. 1883.

FORWARDING reports on the training of native apprentices as foremen mechanics for the half-year ending 30th September 1883.

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29TH NOVEMBER 1883, No. 3414 W., PUBLIC WORKS.

## PUBLIC WORKS DEPARTMENT.

General.
Establishment.

LETTER—from

COLONEL J. SHAW-STEWART, R.E.,
*Secretary to the Government of Madras,*
*Public Works Department,*

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

In continuation of my letter, No. 3052 W., dated 26th October 1883, I am directed to forward, for the information of the Government of India, a copy of the Proceedings of this Government, No. 3413 W., dated 29th November 1883, embodying reports on the training of native apprentices for the half-year ended 30th September 1883.

I have the honor to be,
Sir,
Your most obedient servant,
(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
29th November 1883.

Exd. A. F. Goodall.
Spare Copies

6 spare copies

~~No.~~

Copy to Government of Madras, Public Works Department, with reference to half-yearly reports forwarded to Secretary of State, and copies forwarded to this Government, ending with its No. 1795W., dated 28th June 1883; with the request that, if His Excellency the Governor has no objection, the forms may be reported on with a view to their adoption by the Government of Madras.

G H W Walker

Offg. Under Secretary to the Govt. of India.

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~~947-48~~
25

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Encl. 1
P.W.C. No 7059

## Enclosure to Public Works Department letter No. 1066G., dated 2nd August 1883.

*Statements A and B.—A showing number of apprentices employed during year.*
*B showing number of trained men turned out during the year.*

| Race. | Fitters. | Carpenters. | Moulders. | Mathematical Instrument makers. | Turners. | Blacksmiths. | Pattern makers. | Others. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Hindus ... | | | | | | | | | |
| Mahomedans ... | | | | | | | | | |
| Parsis ... | | | | | | | | | |
| Europeans and Eurasians ... | | | | | | | | | |

*Statement C showing employment obtained by the apprentices who completed training as in statement B.*

| Race. | Under Government. | Under Municipalities. | Under Local Funds. | Under Guaranteed Railways. | Under Port Trusts. | Other private employ. | Total. |
|---|---|---|---|---|---|---|---|
| Hindus ... | | | | | | | |
| Mahomedans ... | | | | | | | |
| Parsis ... | | | | | | | |
| Europeans and Eurasians ... | | | | | | | |

*Statement D showing the trades of the apprentices employed by the several classes of employers.*

| Trades. | Under Government. | Under Municipalities. | Under Local Funds. | Under Guaranteed Railways. | Under Port Trusts. | Other private employ. | Total. |
|---|---|---|---|---|---|---|---|
| Fitters ... | | | | | | | |
| Carpenters ... | | | | | | | |
| Moulders ... | | | | | | | |
| Mathematical Instrument makers ... | | | | | | | |
| Turners ... | | | | | | | |
| Blacksmiths ... | | | | | | | |
| Pattern makers ... | | | | | | | |
| Others ... | | | | | | | |

947-48
26

No. 273 E of 9-8-83
" 126 E of 31-5-83
Dept. 31/1794 W of 25-6-83
G.O. 1795 W of 25-6-83
" 1794 W of 25-6-83
Dept. 7/16 W of 6-1-83
G.O. 17 W of 6-1-83
" 15 W of 6-1-83
" 3104 W of 24-11-82
Dept. 27/1508 W of 16-6-82
G.O. 1509 W of 16-6-82
" 1507 W of 16-6-82
Dept. 46 of 6-8-81
G.O. 4464 W of 23-11-78

C No. called for 16/8/83.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
GENERAL.

To

THE SECRETARIES TO THE GOVERNMENTS
OF BENGAL AND THE NORTH-WESTERN
PROVINCES AND OUDH.

9428

No. 1066G.

Dated Simla, August 2, 1883.

Received 14th

Encl. 1.

6 S.C.

No. 289 E d/ Augt 16th

Forwards four forms which represent the information desired by the Secretary of State and the Government of India on the training of Foremen mechanics and enquires whether they are suitable and whether any modifications can be suggested.

G. C. B. Press, Simla.—No 157 P. W. D.—4-8-83.—156.

42

O.S. 19-8th Cn 3/10 R 5/10

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No. 223 Gl

FROM,
THE SUPERINTENDING ENGINEER 947-48
FIRST CIRCLE. 27

TO,
THE CHIEF ENGINEER
~~FOR IRRIGATION.~~
P. W. Department

DOWLAISHWERAM, 25th August 1883

SIR,

With reference to your No. 289 E × 16-8-83. I have the honor to report ~~that~~ I see no objection to the adoption of the forms therewith received regarding mechanic apprentices and I have no suggestions to make on the subject.

I have the honor to be
Sir
Your Most Obdt. Servt.

C. Pwalt

Offg. Supdg. Engr. 1st Circle

Camp P.W.

947-48
28

947-8
40

19-8 Cu 3/0 R 5/10

P.W.C. No. 7020

From

The Supdg Engineer
1st Circle

To

947-8

The Chief Engineer
P.W. Department

Dated 25th
Despd 29th } August/83
Recd 5/9/83

No. 223 G.l.

Enclosure

Mechanic Apprentices — Stating that he has no objection to the adoption of Forms regarding —.

[illegible] from [illegible] Engineer [illegible] 8/9

39

Sent by C.E. 7.9.83

(23)

O.L. 5.9
ute 5/9 Rec 3/10 Retd 3/10 R. 5/10

O.L. S-19-8th Cir 3/10 R 5/10

---

No. 289 Ed/ August 16th 1883

947-48
29

From the Govt. of India No. 1066, G.d/ 2nd August 1883 forwarding 4 forms which represent the information desired by the Secy: of State and the Govt. of India on the training of Foreman mechanics and enquires whether they are suitable and whether any modifications can be suggested.

---

Referred to the S.E. First Circle for report and the Consulting Engr. for Railways for any remarks which the Railway Authorities may wish to offer in regard to the apprentices being trained at the Serampore Workshops.

To,

The S.E. First Circle } with copy of letter & forms (Sd) R.S.
" Consg Engr. for Rys }

Despd 16/8

(Sd) R.H. Sankey, Major Gl. R.E.
Secy. to Govt., P.W.D.

No 289 [illegible] Augt 16th 18[illegible]

O.L.S.-19-8th Cr 3/10 R 5/10

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Consg. Engr.'s No. 13.

Railway Department.

CONSULTING ENGINEER'S OFFICE,
Madras, 28th September 1883.

No. 817

## MEMORANDUM.

Enclosure.

With reference to Memorandum No. 289 G. dated 16th August 1883, the Undersigned has the honour to state that the Agent and Manager, Madras Railway has no modifications to suggest in regard to the forms forwarded therewith in reference to the training of foreman mechanics.

C. J. Smith Lt. Col. R.E.
Ag. Consg. Engr. for Rys.

To,

The Secretary to Government
Public Works Department.

Pw. CW. 84.33

947-48

Rw 1/10/83

38

1/7/10

Ex 1/10 Pass 3/10 Cor 3/10 R 5/10

OTS-19-8 Cor 3/10 R 5/10

---

Civ/B

No. 2811 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT. 947-48

Under date the 31/8th Octr/83

Read the following

From the Government of India A.E. No. 1066 G. d/ 2d. August/83
From the Suptg: Engr: First Circle — " — " — 223 G. L d/ 25 — do — "
From the Ag: Consg: Engr: for Rys: — " — " 817 d/ 28th September — "

Ordered that the following reply be sent.

(A.E. No. 2812 W d/ 8th October/83)

To

The Secretary to the
Govt: of India, P.W.D.

Sir,

I am directed to acknowledge the receipt of your letter No. 1066 G d/ 2d. Augt/83, and to inform you in reply that the Government of Madras have no objection to the adoption of the proposed

"Forms" for rendering information in regard to workshop apprentices, and that they will be introduced on learning from the Government of India that they have been finally approved.

Dcw
8/10

LA
Ex. EAS.

~~The Hon H. E. Sullivan~~

7.C.

C 80 254. 14-1-84

7. C

B 20/14/w 17. 1. 84

947.8

No. 2811 + 2812 W a/8th Oct/83

36

Q.7.C

Cir 3/10

R 5/10

Entd in Recpt. Regr.

5-10-83

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947-48

33

947.8

No. 25 G.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

GENERAL.

Fort William, January 7, 1884.

## Reports on the training of Foreman Mechanics.

Read again—

Despatch from Secretary of State, No. 15, dated 10th March 1870.

Public Works Department Circular No. 35, dated 29th June 1870.

" " Resolution No. 1598-1561 E. G., dated 27th November 1876.

" " Circular No. 71, dated 17th December 1877.

Despatch to Secretary of State, No. 108 P. W., dated 11th November 1878, reporting the measures taken for training foreman mechanics in India.

Despatch from Secretary of State, No. 5 P. W., dated 6th February 1879, in reply to above.

Despatch to Secretary of State, No. 93, dated 28th September 1880, regarding the training of Natives as mechanic apprentices at the Rurki College.

Despatch from Secretary of State, No. 45, dated 18th November 1880, requesting to be furnished with reports from time to time on the working of the schools for training apprentices at Dehree and at Rurki, and to be informed of the progress made in other Presidencies in respect of similar training for Natives.

Public Works Department Despatch to Secretary of State, No. 8, dated 14th February 1881, replying to above, and describing the action taken for furnishing his Lordship with periodical reports.

Periodical reports received regarding the working of the Rurki, Dehree and Seebpore Training Schools, and forwarded to the Secretary of State; and copies of similar reports forwarded by the Governments of Madras and Bombay regarding Training Schools in those Presidencies.

Read also—

Public Works Department No. 1066 G., dated 2nd August 1883, suggesting a form of annual report showing the result of the various training schools; and replies thereto.

RESOLUTION.—In the first despatch from the Secretary of State quoted in the preamble, his Lordship pointed out the desirability of training Natives and Europeans in India for the position of foreman mechanics in preference to introducing trained men of this class from England; and on subsequent occasions successive Secretaries of State have expressed themselves interested in the question of giving the necessary training in the workshops attached to the Public Works Department. In November 1880, his Lordship desired to be furnished periodically with reports on the results of such training, which have since that time been regularly furnished to him. It is observed that although these reports give very full information, they are not in uniform shape, and are sometimes more voluminous than is necessary. What seems to be required is an annual return of the results of each school, showing the number and nationality of boys under training, and the trades taught;

34

the number of trained men turned out each year, and the extent to which they succeed in securing employment from the various classes of employers who require such men. These returns should be submitted with any additional or explanatory remarks the Local Government may wish to make.

2. Four tabular statements embodying this information have been prepared, and have been approved, with some slight modifications which have been accepted, by the Local Governments to whom they were forwarded for opinion and suggestions.

These forms are appended to the Resolution. Statements in each form shewing, so far as can be given, the results of each training school up to the end of 1881-82 and for 1882-83 should be submitted as soon as they can be prepared, and thereafter the reports should be regularly submitted after the close of each financial year.

Order.—Ordered, that this Resolution be communicated to the Governments of Bengal and the North-Western Provinces and Oudh for information and guidance.

Also, to the Governments of Madras and Bombay, with the request that similar forms may be adopted, when forwarding the annual reports of the training schools to the Secretary of State, and that copies may be forwarded to the Government of India.

G. H. D. WALKER,
Offg. Under Secy. to the Govt. of India.

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947-48

## Enclosure to Public Works Department Resolution No. 25 G., dated 7th January 1884.

*Statements A and B—A showing number of apprentices employed during year.*
*B showing number of trained men turned out during the year.*

| Race. | Fitters. | Carpenters. | Moulders. | Mathematical Instrument makers. | Turners. | Blacksmiths. | Pattern makers. | Others. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Hindus ... | | | | | | | | | |
| Mahomedans ... | | | | | | | | | |
| Parsis ... | | | | | | | | | 947-8 |
| Native Christians ... | | | | | | | | | |
| Europeans and Eurasians ... | | | | | | | | | |

*Statement C, showing employment obtained by the apprentices who completed training as in Statement B.*

| Race. | Under Government. | Under Municipalities. | Under Local Funds. | Under Guaranteed Railways. | Under Port Trusts. | Other private employ. | Unknown. | Total. |
|---|---|---|---|---|---|---|---|---|
| Hindus ... | | | | | | | | |
| Mahomedans ... | | | | | | | | |
| Parsis ... | | | | | | | | |
| Native Christians ... | | | | | | | | |
| Europeans and Eurasians ... | | | | | | | | |

*Statement D, showing the trades of the apprentices who obtained employment as shown in Statement C, employed by the several classes of employers.*

| Trades. | Under Government. | Under Municipalities. | Under Local Funds. | Under Guaranteed Railways. | Under Port Trusts. | Other private employ. | Unknown. | Total. |
|---|---|---|---|---|---|---|---|---|
| Fitters ... | | | | | | | | |
| Carpenters ... | | | | | | | | |
| Moulders ... | | | | | | | | |
| Mathematical Instrument makers ... | | | | | | | | |
| Turners ... | | | | | | | | |
| Blacksmiths ... | | | | | | | | |
| Pattern makers ... | | | | | | | | |
| Others ... | | | | | | | | |

No. 1, P. W. D. Press—7-1-84—305.

947-48
35

Order thereon No. 141 Wd/17th Jany/84

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
GENERAL.

To 247-8

No. 25 G.
Dated January 7, 1884.
Received

Communicated for information and guidance to the Suptg. Engineer I and II Circles, and to the Consulting Engineer for Railways with reference to the apprentices at the Perambore Work-Shops.

(Sgd) J. S. S.

No. 141 Wd/17th Jany 1884

F.C.
L. No: 947/948 W. 7-4-84.

S. E. I Circle
C. E. for Rys.
S. E. II Circle
Secy. P.W. Code Committee

Form for Reports on the training of Foreman Mechanics.

No. 1, P. W. D. Press—7-1-84—305.

With Order 37

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Dont print

## South Indian Railway

14-40
36

Statement A. Shewing number of Apprentices employed during the Financial year 1881-82

| Race | Fitter | Carpenters | Moulders | Mathematical Instrument maker | Turner | Black-Smiths | Pattern maker | other | Total |
|---|---|---|---|---|---|---|---|---|---|
| Hindus | 7 | 1 | " | " | " | " | " | " | 8 |
| Mohamedans | 1 | " | " | " | " | " | " | " | 1 |
| Parsees | " | " | " | " | " | " | " | " | " |
| Native Christians | 1 | " | " | " | " | " | " | " | 1 |
| Europeans | " | " | " | " | " | " | " | " | " |
| Eurasians | 23 | 1 | 1 | " | " | " | " | " | 25 |

N.B. These men are in their 1st, 2nd, 3rd & 4th years apprenticeship.

William Betts
Agent.

Charles E Lighton
Loco and Car Supt.

Negapatam
21st February 1882

Dont print

## South Indian Railway

947-8
37

## Statement. B. Shewing the number of trained men turned out during the Financial Year 1881-82

| Race | Fitters | Carpenters | Moulders | Mathematical Instrument makers | Turners | Black-Smiths | Pattern maker | Others | Total |
|---|---|---|---|---|---|---|---|---|---|
| Hindus | | | | | | | | | |
| Mohemedans | | | | | | | | | |
| Parsees | | | | | | | | | |
| Native Christians | | | | | | | | | |
| Europeans | | | | | | | | | |
| Eurasians | 1 | " | " | " | " | " | " | . | 1 |

In addition to the above 1 Fitter died
8 Completed their term, but are still in the service

William S. Betts
Agent

Charles E. Crighton
Loco & Car Supt.

Negapatam
21st February 1884

Don't print

## South Indian Railway

1881. & 1882.

Statement C. Shewing employment obtained by the Apprentices who completed training as in Statement B.

| Race | Under Government | Under Municipality | Under Local Fund | Under Guaranteed Railway | Under Port Trust | Other Private employ | Unknown | Total |
|---|---|---|---|---|---|---|---|---|
| Hindus | | | | | | | | |
| Mohemedans | | | | | | | | |
| Parsees | | | | | | | | |
| Native Christians | | | | | | | | |
| Europeans and Eurasians | - | " | " | " | " | " | 1 | 1 |

947-48 / 38

8 Completed their term but are still in the service.

Negapatam
21st February 1884

William S Betts
Agent

Charles E Crighton
pr Loco and Carr Supdt.

114

26

947-8

Dont print

# South Indian Railway

Statement A. shewing number of Apprentices employed during the Financial year 1882/83

947—48
39

| Race | Fitters | Carpenters | Moulders | Mathematical Instrument makers | Turners | Black-Smiths | Pattern-makers | others | Total |
|---|---|---|---|---|---|---|---|---|---|
| Hindus | 8 | 1 | " | " | " | " | " | " | 9 |
| Mohamedans | 1 | " | " | " | " | " | " | " | 1 |
| Parsees | " | " | " | " | " | " | " | " | " |
| Native Christians | 1 | " | " | " | " | " | " | " | 1 |
| Europeans | 1 | " | " | " | " | " | " | " | 1 |
| Eurasians | 23 | 2 | 1 | " | " | " | " | " | 26 |

These are in their 1st, 2nd, 3rd & 4th years Apprenticeship.

Negapatam
February 1883

William Beth
Agent

Charles E. Crighton
pr Locos & Carr Supt.

114

24

947-8

D Dont print

South Indian Railway 1881 & 1882

Statement D. Shewing the trade of Apprentices who obtained employment as shewn in Statement C employed by the several Classes of Employers.

947-48

| Trade | Under Government | Under Munici-palities | Under Local Funds | Under Guaranteed Railways | Under Port Trusts | Other private employ | unknown | Total |
|---|---|---|---|---|---|---|---|---|
| Fitters | " | " | " | " | " | " | 1 | 1 |
| Carpenters | | | | | | | | |
| Moulders | | | | | | | | |
| Mathematical Instruments makers | | | | | | | | |
| Turners | | | | | | | | |
| Blacksmiths | | | | | | | | |
| Pattern makers | | | | | | | | |
| Others | | | | | | | | |

Negapatam
21st February 1884

William S Betts.
Agent

Charles E Crighton
for Loco & Carr Supdt

114

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## South Indian Railway

Dont print

Statement B. Shewing the number of trained men turned out during the Financial year 1882/83

947-48

| Race | Fitter | Carpenter | Moulders | Mathematical Instrument Makers | Turners | Black-Smith. | Pattern Makers | Others | Total |
|---|---|---|---|---|---|---|---|---|---|
| Hindus | | | | | | | | | |
| Mohamedans | | | | | | | | | |
| Parsees | | | | | | | | | |
| Native Christians | | | | Nil | | | | | |
| Europeans | | | | | | | | | |
| Eurasians | | | | | | | | | |

11 Apprentices have completed their term but are still in the service

Negapatam
21st February 1883

William Betts
Agent

Charles E Clifton
pr Loco Supt

Don't print

# South Indian Railway

1882 & 1883

Statement C. Shewing employment obtained by the Apprentices who completed training as in Statement B

947-48
42

| Race | under Government | under Munici-palities | under Local Fund | under Guaranteed Railways | under Port Trusts | other private Employ | unknown | Total |
|---|---|---|---|---|---|---|---|---|
| Hindus |  |  |  |  |  |  |  |  |
| Mohamedans |  |  |  | Nil |  |  |  |  |
| Parsees |  |  |  |  |  |  |  |  |
| Native Christians |  |  |  |  |  |  |  |  |
| Europeans & Eurasians |  |  |  |  |  |  |  |  |

11 Apprentices have completed their term but are still in the service.

Negapatam
1st February/84

William Betts
Agent

Charles E Crighton
for Loco & Carr Supdt

947-8
22

Dmt print

## South Indian Railway

1882 - 1883.

947-48
43

Statement. D. Shewing the trade of apprentices who obtained employment as shewn in Statement C. employed by the several Classes of Employers.

| Trade | under Government | under Municipality | under Local Fund | under Guaranteed Railway | under Port Trusts | other Private Employ | unknown | Total |
|---|---|---|---|---|---|---|---|---|
| Fitters | | | | | | | | |
| Carpenters | | | | | | | | |
| Moulders | | | | | | | | |
| Mathematical Instruments makers | | | | | | | | |
| Turners | | | | | | | | |
| Blacksmiths | | | | | | | | |
| Pattern makers | | | | | | | | |
| Others | | | | | | | | |

nil

Negapatam
21st February 1884

Williams Betts
Agent

Charles E Crighton
for Locol Carr Supt

Ord. No. 1752/1

947 W

D

942-8

21

711

Read the following papers:—

From the Chief Engr. [illegible] 26th [illegible]

942-48
44

No. 3707 G.D.

FROM,

THE SUPERINTENDING ENGINEER
FIRST CIRCLE.

P1

TO,

THE CHIEF ENGINEER P.W. Department
~~FOR IRRIGATION.~~

DOWLAISHWERAM, 25th March 1884.

Despt. 26th March/84

SIR,

With reference to G.O. No. 141 W. dated the 17th January 1884 I have the honor to submit herewith state-ments* in the prescribed form for 1881-82 & 1882-83 on the training of apprentices in the Government Workshops Dowlaishweram.

*Two

I have the honor to be,
Sir,
your most obedient St.
C. [illegible]
Offg. Supg. Engr. 1st Circle

No. 113 W 22.5.77
" 114 W 22.5.77
" 16 W 4.1.78
" 4464 W 23.11.78
" 4465 W 23.11.78
" 703 W 7.3.79
" 1707 W 27.6.79
" 3104 W 24.11.82
" 15 W 6.1.83
" 17 W 6.1.83
" 3051/W 26.10.83
Despatch 40/3051 W 24.10.83
" 3052 W 26.10.83
" 3413 W 29.11.83
Despatch 45/3413 W 29.11.83
3414 W 29.11.83
" 2811-12 W 8.10.83
" 141 W 17.1.84

From PWMC 2900

The Superintending Engineer
First Circle

To No: 947 W.L/17th April/84
948

The Chief Engineer 947/8
P. W. Department
Madras

Dated 25th }
Despd. 26th } March/84
Received 1/4/84

Enclosures. Two

No 3707 G.D.

Apprentices in the Government Workshops Dowlaishweram

Submits certain statements for 81-82 and 82-83 on the training of ——

Compile
19

1/4

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2

# Results of the Native Apprentices entertained in Dowlaishweram Workshops for 1881-82.

947-48/46

## A

Statement showing the number of Apprentices employed during the year 1881-82

| Races | Fitters | Carpenters | Moulders | others | Total | Remarks. |
|---|---|---|---|---|---|---|
| Hindus | 1 | 1 | . | . | 2 | |
| Mahomedans | . | . | . | . | . | |
| &c. | . | . | . | . | . | |

## B

Statement showing the number of trained men turned out during the year 1881-82

Nil.

## C

Statement showing the employments obtained by the Apprentices who completed training as in statement B

Nil.

## D

Statement showing the trades of the Apprentices who obtained employment as shown in statement C, employed by the several classes of employers.

Nil.

Government Workshop Office }
Dowlaishweram }
March 1884 }

Captain R.E.
Executive Engineer

947-8

1/26838 [illegible]

3

# Results of the Native Apprentices entertained in Dowlaisheweram Workshops for 1882-83.

Print

947-48

## A

Statement showing the number of Apprentices employed during the year 1882-83.

| Races | Fitters | Carpenters | Moulders | others | Total | Remarks |
|---|---|---|---|---|---|---|
| Hindus | . | 4 | . | . | 4 | |
| Mahomedans | . | 1 | . | . | 1 | |
| Native Christians | . | 1 | . | . | 1 | |
| &c | . | . | . | . | . | |
| | . | 6 | . | . | 6 | |

## B

Statement showing the number of trained men turned out during the year 1882-83.

Nil.

## C

Statement showing the employments obtained by the Apprentices who completed training as in statement B

Nil.

## D

Statement showing the trades of the Apprentices who obtained employment as shown in statement C, employed by the general classes of employers.

Nil.

Government Workshop office
Dowlaisheweram
March 1884

C S Evans
Captain R.E.
Executive Engineer
[illegible]

(13)

947-8

17

No. 3251. K.S.

P 4

Superintending Engineer's Office,
2nd Circle, Camp Cowtaram.
22nd March 1884.

From

The Superintending Engineer,
2nd Circle.

947-48
48

To

The Chief Engineer,
Public Works Department

Precis

Enclosures. Two.
1 Statement A.
1 — do — B.C & D.

Sir,

With reference to your Reminder No. 141 W/1 of the 3rd Instant, I have the honor to submit herewith, Statements in the prescribed form of the results of training apprentices for Foreman Mechanics in the Bezwada Work-Shop up to 1881.82 and for 1882.83.

2. I would however point out that it can hardly be said that our apprentices are being trained for Foreman Mechanics.

3. The class of Boys we are able to get are illeducated, & I think few of them will ever be likely to rise above the artizan.

I have the honor to be,
Sir,
Your most Obdt. Servant

J. W. Rundall
Superintending Engineer II. Circle

Compd— J.W.

No 3251 KS

IWC No 2838

No: 947 Wd/17th April/84
948

From
The Superintending Engineer
2d Circle
947 B

To
The Chief Engineer
P. W. D.
Madras

Dated 22d March 1884
Despd 25th do
Recd. 31

Enclos 2
No 3251 KS

Apprentices for Foreman Mechanics in Bezvada Workshop — Statements of the results of training the — Submits — up to 1881-82 & for 1882-83.

16 Compile
CS.
QW

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5

Statement A showing number of Apprentices Employed during the year 1881-82 in the Government Workshop Bezwada Kistna.

| Race | Fitters | Carpenters | Moulders | Mathematical instrument makers | Turners | Black Smiths | Pattern makers | Others | Total |
|---|---|---|---|---|---|---|---|---|---|
| Hindus | 1 | 2 | " | " | " | " | " | " | 3 |
| Mahomedans | " | " | " | " | " | " | " | " | " |
| Parsis | " | " | " | " | " | " | " | " | " |
| Native Christians | " | 1 | " | " | " | " | " | " | 1 |
| Europeans and Eurasians | " | " | " | " | " | " | " | " | " |
| | 1 | 3 | " | " | " | " | " | " | 4 |

Eastern Division Office
Bezwada
17th March 1884

J D Heant
Executive Engineer Eastern D.

942-48
69

J W Rundall
Superintending Engineer
II Circle
22/3/84

947·

94758/50

Print

Statement B - showing number of trained men turned out during the year 1881·82 in the Government Workshop Bezwada, Kistna.

———— Nil. ————

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Statement C - showing employment obtained by the apprentices who completed training as in the Statement B during 1881-82 in the Government Workshop Bezwada Kistna.

———— Nil ————

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Statement D - showing the trades of the apprentices who obtained employment as shown in Statement C employed by the several classes of employers during the year 1882·83.

———— Nil ————

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Supg. Engineer's Office,
2nd Circle, Camp Coutanam
22nd March 1884

J. W. Rundall
Superintending Engineer
II Circle.

Print

Madras Railway — 7

Statement A showing number of apprentices employed during year 1881-82.

| Race. | Fitters. | Carpenters | Moulders | Mathematical Instrument makers. | Turners | Black-smiths | Pattern makers | Others | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Hindus .... | | | | | | | | | |
| Mahomedans .. | | | | Nil | | | | | |
| Parsis .... | | | | | | | | | |
| Native Christians. | | | | | | | | | |
| Europeans and Eurasians .. | | | | | | | | | |

947-~~48~~
51

W. Leitch
Locomotive Superintendent

Perambore Works
25th January 1884

Print

Madras Railway

8

Statement B showing number of trained men turned out during the year 1881-82.

| Race. | Fitters. | Carpenters. | Moulders. | Mathematical Instrument makers | Turners | Blacksmiths | Pattern makers | Others. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Hindus . . . | | | | | | | | | |
| Mahomedans . . | | | | | | | | | |
| Parsis . . . | | | Nil. | | | | | | |
| Native Christians | | | | | | | | | |
| Europeans and Eurasians . . | | | | | | | | | |

947-48
52

Trevithick
Locomotive Superintendent

Perambore Works
25th January 1884

Print

## Madras Railway

Statement C. showing employment obtained by the apprentices who completed training as in Statement B. 1881-1882

| Race. | Under Government. | Under Municipalities | Under Local Funds. | Under Guaranteed Railways | Under Port Trusts | other private employ. | Unknown | Total. |
|---|---|---|---|---|---|---|---|---|
| Hindus . . . | | | | Nil | | | | |
| Mahomedans . . | | | | | | | | |
| Parsis . . . . | | | | | | | | |
| Native Christians | | | | | | | | |
| Europeans and Eurasians | | | | | | | | |

Perambore Works
28th January 1884

Trevithick
Locomotive Superintendent

Prof<sup>t</sup> Madras Railway 11

Statement D, showing the trades of the apprentices who obtained employment as shown in Statement C, employed by the several classes of employers. 1881 - 1882.

| Trades. | Under Government | Under Municipalities | Under Local Funds | Under Guaranteed Railways | Under Port Trust | other private employ | Unknown | Total. |
|---|---|---|---|---|---|---|---|---|
| Fitters . . . . | | | | | | | | |
| Carpenters . . . | | | | | | | | |
| Moulders . . . | | | | | | | | |
| Mathematical Instrument makers | | | | | | | | |
| Turners . . . | | | | | | | | |
| Blacksmiths . | | | | | | | | |
| Pattern makers | | | | | | | | |
| Others . . . . | | | | | | | | |

——— Nil. ———

947-8
54

Locomotive Superintendt

Perambore Works
28th January 1883

Print

Madras Railway

12

## Statement A showing number of apprentices employed during year 1882-83.

| Race | Fitters | Carpenters | Moulders | Mathematical Instrument makers | Turners | Black-smiths | Pattern makers | Others | Total |
|---|---|---|---|---|---|---|---|---|---|
| Hindus | 4. | 4. | 4. | " | " | " | " | " | 12 |
| Mahomedans | " | " | " | " | " | " | " | " | " |
| Parsis | " | " | " | " | " | " | " | " | " |
| Native Christians | " | " | " | " | " | " | " | " | " |
| European and Eurasians | " | " | " | " | " | " | " | " | " |

947-58
55

Perambore Works
25th January 1884

Leathart

Locomotive Superintendent

947

10

Print

Madras Railway

12

Statement A showing number of apprentices employed during year 1882-83.

| Race | Fitters | Carpenters | Moulders | Mathematical Instrument makers | Turners | Black-Smiths | Pattern makers | Others | Total |
|---|---|---|---|---|---|---|---|---|---|
| Hindus . . . . | 4. | 4. | 4. | " | " | " | " | " | 12 |
| Mahomedans . . | " | " | " | " | " | " | " | " | " |
| Parsis . . . . | " | " | " | " | " | " | " | " | " |
| Native Christians | " | " | " | " | " | " | " | " | " |
| European and Eurasians | " | " | " | " | " | " | " | " | " |

947-58/55

Trevithick

Locomotive Superintendent

Perambore Works

25th January 1884

Madras Railway

Print

Statement B, showing number of trained men turned out during the year 1882-83.

| Race. | Fitters | Carpenters | Moulders | Mathematical Instrument makers | Turners | Black smiths | Pattern makers | Others | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Hindus . . . | | | | | | | | | |
| Mahomedans . . | | | | | | | | | |
| Parsis . . . . | | | | | Nil | | | | |
| Native Christians | | | | | | | | | |
| Europeans and Eurasians | | | | | | | | | |

947-48
56

Locomotive Superintendent

Perambore Works
25th January 1884

obtained by the apprentices who completed training as in Statement B. 1882 - 1883.

| Race. | Under Government | Under Municipalities | Under Local Funds | Under Guaranteed Railways | Under Port Trusts | Other private employ | Unknown | Total. |
|---|---|---|---|---|---|---|---|---|
| Hindus.... | | | | | | | | |
| Mahomedans.. | | | | | | | | |
| Parsis..... | | | | | | | | |
| Native Christians. | | | | ——— Nil. ——— | | | | |
| Europeans and Eurasians... | | | | | | | | |

947-48
57

Locomotive Superintendent

Perambore Works
25th January 1884

Madras Railway

15

Statement D, showing the trades of the apprentices who obtained employment as shown in Statement C employed by the several classes of employers. 1882-1883.

| Trades | Under Government. | Under Municipalities | Under Local Funds | Under Guaranteed Railways | Under Port Trusts | Other Private employ | Unknown | Total. |
|---|---|---|---|---|---|---|---|---|
| Fitters | | | | | | | | |
| Carpenters | | | | | | | | |
| Moulders | | | | | | | | |
| Mathematical Instrument makers | | | | Nil. | | | | |
| Turners | | | | | | | | |
| Blacksmiths | | | | | | | | |
| Pattern makers | | | | | | | | |
| Others | | | | | | | | |

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58

Locomotive Superintendt

Perambore Works
25th January 1884

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59

Form No. 2.

PUBLIC WORKS DEPARTMENT,
Railway Branch.

CONSULTING ENGINEER'S OFFICE,
Madras, 25th February 1884.

Print

Returns showing number of apprentices employed on the Madras and South Indian Railways during the official years 1881-82 and 1882-83.

No. 67

SUBMITTED for the information of Government of India with reference to their Resolution No 25 G. dated 7th January 1884 embodied in Pros: of Govt. No 141 of 17th idem.

V. A. Topp Lt Col R.E.
for Cons Engr for Rys

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Cons. Engr.'s No. 3.

No. 1752

From

THE CONSULTING ENGINEER

FOR RAILWAYS,

No: 947 W d/ 175

No. 67
Dated 25 } February 1884
Received 28 }

No. of Enclosures. 8

947

Subject.

Returns showing numbers of native Apprentices employed on the Madras and South Indian Rys during the official years 1881-82 and 1882-83

4 await returns from I + II circles

(45) 4 (W) Dn 26/2/84

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No: 947 W

PUBLIC WORKS DEPARTMENT.

947-48

(6)

Print with encls as marked

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the S Engr. I Circle — H. E. No. 3707 G. D. d/ 25 Mar/84
" " " II — " — H. E. No. 3251. H. S d/ 22nd " "
" Cong. Engr for Rys — H. E. No. 67 — d/ 25 Feby "

18

Ordered that the reports be forwarded to the Secretary of State and the Government of India.

2. The ~~half yearly~~ annual reports to be submitted by the Railway Authorities are required only in respect to the Apprentices transferred from the Madras Public Works Workshops to the Perambur Workshops.

3. With reference to paras 2 and 3 of his letter above recorded, the attention of the Superintending Engineer

Engineer II circle is called to the letter from his office No 197 dated 21st January 1878, printed with Proceedings of Government No 4465 W dated 23rd November 1878, in which it was stated that arrangements would be made for the elementary education of the lads.

H. E. No 9 W of 7 April/84

To
The Secretary to the Govt of India
P. W. D.

Sir.

Advertising to Government of India Resolution No 25 G dated 7th January 1884, I am directed to forward a Copy of the Proceedings of this Government No 947 W dated 7th april 1884, embodying reports on the training of native

947-48
3

8/29/4

To
The Supg: Engr I Circle
" " " II Circle
" Cong: Engr for Rys.

3

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62
p 19

Native apprentices up to the end of the official year 1881-82, and for 1882-83.

9

No: 947 W d/ 7th

To The Right Honorable the Secretary of State for India

My Lord,

In continuation of our despatch No 45 W / 3413 dated 29th November 1883, we have the honor to forward a copy of our Proceedings No 947 W dated 7th april 1884, embodying reports on the training of native apprentices up to the end of the official year 1881-82 & for 1882-83.

2. These reports have been drawn up in the

the form prescribed in Government of India Resolution No. 25 G dated 7th January 1884.

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Show proof

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