

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.

THE SUPERINTENDING ENGINEER.

FIRST CLASS.

Dated June 27th.

Issued

Recd.

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

JUNE

No. 129-130.

Training of Natives for the position of
Foremen Mechanics.—Despatch from the Sec-
retary of State on the subject of —, com-
municated to the officers concerned with
instructions.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

12th January 1881, No. 68 W.

General.
Establishment.

Read the following paper :—

No. 74. From A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department (General,) to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 22nd December 1880, No. 2,210 G.

THE Secretary of State has inquired what progress has been made in Madras in respect of the training of natives for employment as Foremen Mechanics. I am directed accordingly to inquire what action has been taken on Public Works Department Circular No. 71, dated 17th December 1877.

No. 75.

ORDER THEREON, 12th January 1881, No. 68 W.

ORDERED that the following letter be sent :—

(Here enter No. 69 W., dated 12th January 1881.)

(True Extract.)

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

Exd. S. T. Austin.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of (1881) Madras.
PUBLIC WORKS.

To

Dated January, 12th.

Issued

Recd.

Encl.

G. O., 12th January 1881, No. 68 W.

JANUARY.

Nos. 74-75.

Training of Natives for employment as Foreman Mechanics.—Ordered that the Government of India be addressed on the subject of the —.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 69 W.

No. 76.

FROM

THE SECRETARY TO THE GOVERNMENT OF MADRAS,

Public Works Department,

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,

Public Works Department.

SIR,—I am directed to acknowledge the receipt of your letter No. 2,210 G., dated 22nd December 1880, inquiring what action has been taken on Public Works Department Circular No. 71, dated 17th December 1877, in respect of the training of natives for employment as Foremen Mechanics.

2. In reply I am to invite your attention to the orders issued by this Government, copies of which were furnished to the Government of India under cover of docket No. 4,465 W., dated 23rd November 1878. These Proceedings were also communicated to the Secretary of State, who, in his letter No. 12, Public Works, dated 29th May 1879, considered the action taken to be "appropriate."

3. The system introduced is now in operation, but sufficient time has not yet elapsed to admit of any definite report being made as to results. Half-yearly reports on the progress made by the apprentices are received by this Government, and the reports for the next half-year will, in due course, be forwarded for the information of the Government of India and of the Secretary of State.

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,
12th January 1881.

Exd. S. T. Austin.
Spare Copies

GENERAL.
ESTABLISHMENT.

Gobt. of (1881) Madras.
PUBLIC WORKS.

To

THE SECRETARY TO THE
GOVERNMENT OF INDIA.

Dated January, 12th.

Issued

Encl.

Encl.

G. O., 12th January 1881, No. 69 W.

JANUARY.

No. 76.

On the subject of the training of natives
for employment as Foreman Mechanics.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

11th July 1881, No. 1,715 W.

General.
Establishment.

No. 12. Read the following papers :—

STATEMENT regarding the Native Apprentices entertained in Bezvada Workshop for the half-year ending 31st March 1881.

Name.	Age, about	Pay.	Knowledge of Work.	Work employed upon.	Conduct.	Remarks.
Butha Bhushanam ..	Y. M. 12 0	RS. A. P. 1 0 0	Learning planing and adzing.	Repairing archime- dean screws, pre- paring reepers, tent pegs, repairing ballacuts and level- ling staves and pa- tern for pintles and heel plates.	Good ..	He can read and write Telugu fairly.
Mamillapally Bram- ham.	13 0	1 0 0	Do. ..	Do... ..	Good ..	Do. do. do.

KISTNA,
3rd May 1881.

(Signed) J. D. GRANT,
Executive Engineer,
E. Division, Kistna.

(Signed) G. D. WYBROW,
Executive Engineer.
for Supt. of Works, Kistna.

To the Chief Engineer, Public Works Department, Madras.

GODAVARI DISTRICT.

STATEMENT regarding the Native Apprentices entertained in Machine and Carpenter Shops of
Government Workshops, Dowlaishweram, for the half-year ending 30th April 1881.

Name.	Knowledge of Work.	Work employed upon.	Conduct.	Remarks.
Mandapati Narasiah.	Slotting, planing and turning.	Screw gearing box, locks making.	Good ..	Reads English pretty fairly. Reads and writes Telugu. Arith- metic as far as Fractions. Age 15 years 6 months. Pay Rs. 2-8-0.
Darnalacotta Chinniah	Planing, Morticing and Tenoning.	Boxes, benches, valve shutters, &c.	Good ..	Reads and writes Telugu and Eng- lish. Arithmetic as far as Com- pound Rules. Age 14 years and 6 months. Pay Rs. 2-8-0.

DOWLAISHWERAM,
14th May 1881.

(Signed) J. C. LARMINIE,
Executive Engineer.

To the Chief Engineer, Public Works Department.

No. 12-A. From Lieutenant W. L. C. BADDELEY, R.E., General Superintendent, Public Works Workshops, to the Chief Engineer, Public Works Department, dated Madras, 21st June 1881, No. 676 W.

I HAVE the honor to forward the progress report of the Native Apprentices of the Public Works Workshop for the half-year ending 31st March 1881.

2. All the boys have worked satisfactorily throughout the half year, and without doubt all who remain to complete their five years' apprenticeship will become good workmen, and it may fairly be expected that some of them will eventually be fit for the position of a Foreman in their own trade.

3. Foremen may, I think, be divided into two classes, first the responsible man who has a good knowledge of several trades with sufficient ability and education to manage a large shop, and, secondly, the man who has thorough practical knowledge of one trade, enough education to enable him to look after rough accounts and the necessary tact required to manage the workmen under him.

4. It cannot be expected that any of the Native Apprentices will reach the standard of the first class, but the best of them should in time be fit for the second class of Foremen, and should this prove to be the case I think the intentions of Government, as expressed in G.O., No. 4,464 of 23rd November 1878, will have been carried out.

5. For many years it has been the practice here to take on boys of any race on small pay, or even at first without pay, to enable them to learn firing and engine driving, as well as other trades, and in many cases boys trained here have done well as firemen on railways and in steamers, and in some few instances as drivers on railways and Assistant Engineers in steam-ships. I may also add that a number of the workmen employed here, and in other workshops, first learnt their trade under the system to which I have alluded.

REPORT of the Native Apprentices of the Presidency Public Works Workshop for the half-year ending 31st March 1881.

Names.	Daily Rate.	Works employed upon.	Conduct.	Remarks.
Jegganathen	RS. A. P. 0 5 0	<i>Carpenter Shop.</i> Making levelling staves, boxes for instruments, stand for do., boxes for scales, boxes for rulers, fitting instruments into boxes, &c.	Very good...	Entertained on 1st April 1879.
Nagaruthnam	0 5 0	Making archimedean screws, shutters for sluices, almirahs, &c.	Do. ...	
K. Soobroyen	0 5 0	Do. do. ...	Do. ...	
Lutchumanan	0 5 0	Do. do. ...	Do. ...	
Mooroogasen	0 4 0	<i>Foundry.</i> Moulding and assisting in the general work of the foundry.	Do. ...	Entertained on 1st April 1880.
C. Lazar	0 4 0	Do. do. ...	Do. ...	
Coopen	0 4 0	Do. do. ...	Do. ...	
Narasimmooloo	0 4 0	Do. do. ...	Do. ...	

MADRAS,
21st June 1881.

(Signed) W. L. C. BADDELEY, Lieut., R.E.,
Genl. Supt. P. W. Workshops.

No. 13. ORDER THEREON, 11th July 1881, No. 1,715 W.

ORDERED that the purport of the reports be communicated to the Secretary of State and the Government of India.

2. The number of Apprentices now undergoing practical training is as follows:—

Presidency Workshops	...	...	...	...	...	...	...	8
Dowlaishweram	...	...	...	...	...	...	...	2
Bezvada	...	...	...	...	...	...	...	2

3. In paragraph 6 of G.O., No. 4,465 W., dated 23rd November 1878, it was directed that four Apprentices should be taken on annually at the Presidency Workshops, and two at each of the shops at Dowlaishweram and Bezvada. There should, therefore, now have been the following numbers under training:—

Presidency Workshops	...	...	...	...	...	...	...	12
Dowlaishweram do.	...	...	...	...	...	...	...	6
Bezvada do.	...	...	...	...	...	...	...	6

4. These numbers will now be worked up to, and the sanctioned strength maintained for the future.

(Here enter No. 1,716 W, dated 11th July 1881.)

(True Extract.)

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

To the General Superintendent, Public Works Workshops.
" Superintendent of Works, Godavari.
" " " Kistna.

Exd. S. T. Austin.
Spare Copies



GENERAL.
ESTABLISHMENT.

Govt. of (1881) Madras.
PUBLIC WORKS.

To

THE GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS,

&c., &c., &c.

Dated July, 11th.

Issued

Recd.

Encl.

G. O., 11th July 1881, No. 1,715 W.

JULY.

Nos. 12-13.

*Training of Native Apprentices as Mechanics
in Government Workshops.—Orders on pa-
pers reporting the progress made in the —.*

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 1,716 W.

No. 14.

FROM

THE SECRETARY TO THE GOVERNMENT OF MADRAS,
Public Works Department,

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

SIR,—Adverting to my letter No. 69 W., dated 12th January 1881, I am directed to forward herewith copy of a despatch to the Secretary of State, No. 46, dated 6th August 1881, reporting the progress made in the training of Native Apprentices as mechanics in Government Workshops.

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,
11th July 1881.

Exd. S. T. Austin.
Spare Copies

GENERAL.
ESTABLISHMENT.

Gobt. of (1881) Madras.
PUBLIC WORKS.

To

THE SECRETARY TO THE
GOVERNMENT OF INDIA.

Dated July, 11th.

Issued

Recd.

Encl.

G. O., 11th July 1881, No. 1,716 W.

JULY.

No. 14.

PROGRESS made in the training of Native
Apprentices as mechanics in Government
Workshops.

PUBLIC WORKS DEPARTMENT.

No. 46.

TO THE MOST HONORABLE THE MARQUIS OF HARTINGTON,
SECRETARY OF STATE FOR INDIA.

MY LORD MARQUIS,—In Lord Cranbrook's despatch of the 29th May 1879, No. 12, Public Works, a periodical report of the progress made in training natives for the position of Foreman Mechanics was called for. We have now the honor to state the results thus far of the scheme which has been approved for the Madras Presidency.

2. Your Lordship will have learnt from the papers which accompanied our despatch No. 11, dated 18th March 1879, the precise character of the arrangements which have been adopted in the Government workshops. These arrangements have now been in operation for over two years. There are at present eight Apprentices in the Public Works Workshops at Madras and two in each of the shops at Dowlaiswaram and Bezvada, or twelve in all. These numbers have now been ordered to be increased immediately to twelve at Madras and six in each of the other shops, and to be added to thereafter at the rate sanctioned in paragraph 6 of our Proceedings of the 23rd November 1878, No. 4,465 W.

3. Of the eight lads at Madras, four are in the carpenters' shops and four in the foundry; those in the carpenters' shops being employed on such work as making levelling staves, boxes and stands for instruments, boxes for scales, archimedean screws, shutters for sluices, &c.; while those in the foundry have been learning moulding, and been employed generally in the work of the foundry. The four lads at Bezvada and Dowlaiswaram have been employed in the machine and carpenters' shops, and are being instructed in the rudiments of their trades.

4. The reports as to work and progress are favorable, and there is reason to hope that the Apprentices will eventually be fitted to fill the positions of Foreman Mechanics in their own particular branch. Numbers have already, under what may be called the irregular system previous in force, acquired at the Government workshops a knowledge of their trades sufficient to make them useful workmen, and to enable them to rise in some cases to the position of engine-drivers on railways and Assistant Engineers in steam-ships.

We have the honor to be,

My Lord Marquis,

Your Lordship's most obedient, humble servants,

(Signed) W. HUDLESTON.

(") D. F. CARMICHAEL.

(") R. DAVIDSON. R. G. Kuthiravan

OOTACAMUND,

6. Augt July 1881.

Ed. S. T. Austin.

OOTACAMUND.
PUBLIC WORKS DEPARTMENT.

Letter to the Most Honorable the
Secretary of State for India.

Dated 6th Augst 1881.
No. 46 of 1881.

PROGRESS made in the training of Native
Apprentices as Mechanics in Government Work-
shops.

To The Chief Engineer
of the Madras
Railways.

J. W. S. S. S.
Chief of the Madras
Railways.

Name	Age	Day	Work	Work employed	Remarks	Remarks
William J. Frankland	13. 6	2 8	100	100	100	Can read and write and speaks fairly well, knows a little English and a good workman.
William J. Frankland	13. 6	2 8	100	100	100	Can read and write and speaks fairly well, knows a little English and a good workman.

Statement regarding the Native Apprentices maintained in Government Workshops for the Madras Railway
30th September 1881

P. N. No. 655-6

From
Asst. Supg. Engineer
1st Circle

To The Chief Engineer
P. N. D.
Madras

Date 5/10/11
Despatch 5/11/11 } November
Received 22/11

Statement regarding
the Native Apprentices
Entertained in the
Govt. Workshops
Doulaisheer for
the half year ending
31st October 1911

Compile
S. S. S. S.



Ending 30th September 1881.

Mr Baddeley
—
Adm

Report on the Native Apprentices of the Presidency J. M. Montefiore for the Half Year
ending 30th September 1881.

Name	Sex	Work employed upon	Conduct	Remarks
Jogganathan	"	<u>Carpenter Shop</u> " Making Small Shaws, Carp Shaws, Boxes for Idiographs, Archimedian Screw and Turning Shaws.	Good	Enlistened 1 st April 1879.
Nagarsudam	"	" Making Archimedian Screw, Shutters for Shaws and Dock Gates.	Good	Do Do
R. S. Soderoyen	"	Do Do	.	Enlistened 1 st April 1879 and left the Montefiore on 1 st Oct 1881.
Adichumman	"	Do Do	Good	Enlistened 1 st April 1879.
Moore Green	"	<u>St Ann's</u> " Making and repairing in the General work of the Steamery		Enlistened 1 st April 1880 and left the Montefiore on 1 st July 1881.
Joseph	"	Do Do		Do Do
Macminister	"	Do Do		Do Do
Rao	"	" Making and repairing in the General work of the Steamery	Good	Enlistened 1 st July 1881

J. M. Montefiore
11, 22nd St. New York

1881

Enlistened J. M. Montefiore

11/3/81
J. M. Montefiore

PRESIDENCY PUBLIC WORKS WORKSHOPS,
Madras, 30 November 1881.

No. 2285 W.

From

THE GENERAL SUPERINTENDENT,

PUBLIC WORKS WORKSHOPS,

To

THE

Chief Engineer D.P.W.
Chennai

Enclosures. /

SIR,

I have the honor to forward the report on the Native Apprentices of the Presidency P. W. Workshops, for the half year ending 30th September 1881.

2. A report has already been submitted regarding the three Honorary apprentices who left, and since that date a Carpenter's apprentice has finally left the Workshops, in order to learn the trade of a gold-smith.

3. The form of indenture forwarded with this office at 1504 W of 6th September 1881, is not, I think, suitable to apprentices of the class in question, but with a view to the relations of the boys, having some interest in their remaining for the full term of 8 years, I consider that a deposit of 20 Rupees should be made on account of each apprentice taken on after this date. These deposits would be lodged in the Government Savings Bank.

Thank, and would be liable to forfeiture,
Should the apprentice desert.

I have the Honor to be
Sir
Your Most Obedient servant

Wm Baddley M.C.
Genl Supt of W. Mill Shops



Presidency P. W. Workshops.

From

THE GENERAL SUPERINTENDENT,

P. W. WORKSHOPS,

Madras.

To

Chief Engineer
S. M. R.

Chepauk

No. 2285 W.

Dated 30

Despd. 30

Recd. 2

1881.

No. of ENCLOSURES. /

Subject.

Forwards a report
on the Native Apprentices
of the Presidency Workshops
for half year ending 30
Sept/81. with his remarks

From the Supt of W. Kistna 7 16 Oct 1881.

" " S. E. 1st Circle 7 16 Nov 1881.

" " Genl Supt P. W. Workshops No 2285 W 7 30 Nov 1881.

FOR ORDERS.

Circulated for in-
formation.

Paul Thompson
Local R.S.
For Secy to Govt P.W.D.

Circ: 5.7.82 R. 8.182

(12)

FOR ORDERS.

Chos 6131, 6850 & 7067 of 81

B. Negro Way 10 January 82.
Recorded.

Cu

9.1.82

May
Arc 5.1.82 R. 9.1.82

Entd. in Receipt Book