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 (3) Initials of the Referencer carb

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No.	839(W)	Press.
B.P. No.		Mis.
Dated	19-2-1878	197 .

227

Not to be folded or roughly handled

839
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GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

19th February 1878, No. 839 W.

General
Buildings and Roads

Account
Civil Works

Read the following paper :—

No. 181. Proceedings of the Government of India, Public Works Department, (Account—General,) dated Fort William, 9th February 1878, Circular No. 14 P.W.

Read again :—

Govt. of India, P. W. Dept., No. 619—38 A—G, dated 20th July 1876.
" " Circular No. 70, " 26th Oct. "

Read also the following :—

Note by Colonel H. A. Brownlow, R.E., Officiating Inspector-General of Irrigation Works, on utilization of belting made of country leather, dated 20th November 1877.

With reference to the vexed question of superseding English by Country made stores, I may mention that, at the Ruper Workshops, I found Mr. Hughes, the Executive Engineer in charge, using most excellent leather belting for driving his machinery, in which the only article of English manufacture was the copper rivetting. The hides were obtained all ready tanned from Cawnpore, and the belting made up by native moochies at Ruper; the copper rivets are purchased wholesale at very nearly the price of the copper, so that it would not pay to make them up in this country.

The sizes made up are 8", 6", 5", 4" and 3", double and treble ply. After eight months' careful watching, the 6", 5" and 4" bands have proved themselves fully equal to English belting; the 8" bands were not quite so good, but the difference in quality was very small; and as the country belting cost just one-half of the English belting, the former alone is now used in the Ruper shops.

The country leather does not work well in belts more than 8" wide, nor in single ply bands, in which it stretches too much. The cost of making the country leather belting, including copper rivets and washers, as well as shop charges, is Rupees 1-12-0 per seer. It is charged at Rupees 2, the English belting being sold in Calcutta at, I believe, Rupees 4 per seer.

RESOLUTION.—The Government of India having in view the desirability of substituting articles of local manufacture as much as possible for those of Europe manufacture, is pleased to direct that belting made of country leather, which has so successfully answered the purpose in the Ruper Workshops, may be brought into

use in all workshops. All demands for such belting will accordingly, henceforth, be disallowed from indents for stores from England.

The Governments of Madras and Bombay in the Public Works Department, General, Irrigation and Railway Branches.
The Governments of Bengal, North-western Provinces and Oudh, and Punjab in the Public Works Department, General and Irrigation Branches.
The Chief Commissioners, Central Provinces, British Burmah, Mysore and Coorg, and Assam.
The Resident, Hyderabad.
The Agents to the Governor-General for Central India and Rajpootana.
The Superintendent of Port Blair, and Chief Commissioner, Andaman and Nicobar Islands.
The Director-General of Telegraphs.
The Inspector-General of Military Works.
The Accountant-General, Public Works Department.
The Directors of State Railways.
The Director of Railway Stores.
The Director-in-Chief, Indo-European Telegraph.
The Deputy Director, Persian Telegraph.
To the Director, Persian Gulf Telegraph.
The Consulting Engineers to the Government of India for Guaranteed Railways, Calcutta, Lahore, and Lucknow.

ORDER.—Ordered, that a copy of the above Resolution be communicated to Local Governments, Administrations, and Officers noted in the margin, for information and guidance.

Ordered also, that a copy be forwarded to the Military Department for information, and that the Resolution be published in the Supplement to the *Gazette of India* for information.

(Signed) J. J. McLEOD-INNES, Lt.-Col., R.E.,
Deputy Secy. to the Govt. of India.

To the Secretary to the Government of Madras, Public Works Department.

No. 182.

ORDER THEREON, 19th February 1878, No. 839 W.

COMMUNICATED to the officers concerned.

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

To the District Engineer, Presidency.
" " Godavery.
" " Kistna.
" Consulting Engineer for Railways.

Exd. E. C. Shunker.
Spare Copies

2/19/78

General
Account
Govt. of (1876) *Public Works.*
PUBLIC WORKS.

THE DISTRICT ENGINEER,
FEROZPORE.
&c. &c. &c.

Dated February 1878.

Received

By

Per

G. O., 1878, No. 101-102.

FEBRUARY.

No. 101-102.

Utilization of belting made of country
leather.—Circular of the Government of
India regarding the same—communicated to the
District Engineer.

839/3
Circular No. 14 Public Works.
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ACCOUNT.
General.

Fort William, February 9, 1878.

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July 1876.

Ditto ditto ditto Circular No. 70, dated 26th
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Read also the following—

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Hughes, the Executive Engineer in charge, using most excellent leather belting
for driving his machinery, in which the only article of English manufacture
was the copper rivetting. The hides were obtained all ready tanned from
Cawnpore, and the belting made up by native moochies at Ruper; the copper
rivets are purchased wholesale at very nearly the price of the copper, so that
it would not pay to make them up in this country.

The sizes made up are 8", 6", 5", 4" and 3", double and treble ply. After
3 months' careful watching, the 6", 5" and 4" bands have proved themselves fully
equal to English belting; the 8" bands were not quite so good, but the differ-
ence in quality was very small; and as the country belting cost just one-half of
the English belting, the former alone is now used in the Ruper shops.

The country leather does not work well in belts more than 5" wide, nor in
single ply bands, in which it stretches too much. The cost of making the
country leather belting, including copper rivets and washers, as well as shop
charges, is Rs. 1-12 per seer. It is charged at Rs. 2, the English belting
being sold in Calcutta at, I believe, Rs. 4 per seer.

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of substituting articles of local manufacture as much as possible for those of
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The Agents to the Governor General for Central India and Rajputana.
The Superintendent of Port Blair, and Chief Commissioner, Andaman and Nicobar Islands.
The Director General of Telegraphs.
The Inspector General of Military Works.
The Accountant General, Public Works Department.
The Directors of State Railways.
The Director of State Railway Stores.
The Director-in-Chief, Indo-European Telegraph.
The Director, Persian Telegraph.
The Deputy Director, Persian Gulf Telegraph.
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J. M. L. D. S. S.

Deputy Secy. to the Govt. of India.

To
The Secretary to the Govt. of Madras
André N. R. R. R.

No 839 Wd/19th Feb/78
Communicated
to the officers named.
cat 10/2

9-8-76 No 2087
19-2-77 - 567

S. Presidency
" " Secretary
" " District
" " Com. Eng. for Hqs.
19.3.78

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

ACCOUNT.
General.

- To
- The Governments of Madras and Bombay, in the Public Works Department, General, Irrigation and Railway Branches.
 - The Governments of Bengal, North Western Provinces and Oudh, and Punjab, in the Public Works Department, General and Irrigation Branches.
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 - The Consulting Engineers to the Government of India for Guaranteed Railways, Calcutta, Lahore and Lucknow.
 - The Military Department.

Circular No. 14 Public Works.

Dated February 9, 1878.

Received

Utilization of belting made of country leather.

No. 67, P. W. D. Press—9-2-78—734.

With order.

839/5
Circular No. 14 Public Works.
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

ACCOUNT.
General.

Fort William, February 9, 1878.

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October 1876.

ditto

ditto

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Wm. Leod Jones

Deputy Secy. to the Govt. of India.

at
The Secretary to the Govt. of Madras.
P.W. Department.

839
/ 6

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General.

To

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The Military Department.

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Dated February 9, 1878.

Received

Utilization of belting made of country leather.

No. 67, P. W. D. Press—9-2-78—734.

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Copy 2001

Oct. of 1878

PUBLIC WORKS.

To the D. & C. Presidency

Dated

*W.H.
21.2.*

Issued

Recd.

Encl.

G. O. 19 July 1878, No. 839W.

No. 3.

Utilization of the better made
of country leather. Circular
of the Dept. regarding the
Circular to the Officers Com.
- Com. d.

Entered in Reg.