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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.	452	Press
B.P. No.		Mis.
Dated	5-3-1875	196

Not to be folded or roughly handled

*Proceedings of the Madras Government, Military Department,
25th February 1875.*

Ordnance—Stores.

Read the following papers:—

No. 391. From Colonel H. K. BURNE, Secretary to the Government of India, Military Department, to Colonel A. C. SILVER, Secretary to Government, Military Department, Madras; dated Fort William, 13th February 1875, No. 622. (*Ordnance—Stores.*)

I am directed to forward, for the information of the Right Honorable the Governor in Council, and for the guidance of the ordnance department, Madras, the accompanying copy of instructions showing the method adopted in the Bengal presidency for stacking planks for seasoning, and for the use of muriatic acid and lime to prevent timber from splitting.

Instructions for stacking planks for seasoning on the plan suggested by G. C. Melisworth, Esq., Consulting Engineer, State Railway.

Planks for seasoning should be stacked as sketched in the margin, sloping as near to the perpendicular as possible and with the butt, (i.e., the end of the plank which was originally at the bottom of the tree) downwards with small intervals between them to keep each plank from contact with the other.

The edges A. A. A. should face the prevailing dry winds, but should not be too much exposed; the lower edge on which the plank rests, should be placed on a baton with an outer ledge to prevent slipping.

(Signed) W. C. RUSSELL, R.A., Colonel,
Insp. Genl. of Ord. and Magz.

Instructions for the use of muriatic acid and lime to prevent timber from splitting, &c., &c.

The principle upon which the solution of muriatic acid and lime is applied to the ends of timber is that the composition attracts moisture from the atmosphere to the surface of the wood and so prevents the ends from cracking.

The solution is formed by a mixture of muriatic acid and lime in the proportion of 2 lbs. muriatic acid to 1 lb. sifted lime, this quantity will be found sufficient for 16 superficial feet. The ends of the logs or planks are painted with the solution—if the timber be under cover, it need not be covered oftener than once in 6 months; but if exposed to the weather, the solution should be applied as often as it is washed off by the rain or dries and peels off from exposure to the sun.

(Signed) W. C. RUSSELL, R.A., Colonel,
Insp. Genl. of Ord. and Magz.

No. 392. From the same, 25th February 1875, No. 921.

Communicated to the Inspector-General of Ordnance and Magazines, for information and guidance—also to the Revenue and Public Works Departments.

(True Extract.)

Ministerial
Secretary to Government

To the Inspector-General of Ordnance and Magazines,
Revenue Department, Madras.
Public Works Department.
Edw. P. Ranganatham.

Herbert O. Hargrave

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On 10/10/1973

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Comments to
the Faculty of Business
Department of Health

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