M.R.O. 14—18,000—27-6-24

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1417 Press ~~Mis.~~

537.508

Dated 23—6—1865

Not to be folded or roughly handled

No. 507. Read the following letter from Colonel G. W. Y. SIMPSON, Inspector General of Ordnance and Magazines, to A. J. ARBUTHNOT, Esq., Chief Secretary to Govt., dated Fort Saint George, 14th June 1865, No. 43 :—

SIR,

With reference to the Proceedings of Government in the Revenue Department, No. 1,209, dated 3rd June 1865, I have the honor to forward herewith copy of a Memorandum by the Superintendent Gun Carriage Manufactory, describing the process employed in the Manufactory, for seasoning timber.

MEMORANDUM.

1. The process of seasoning timber in the Madras Gun Carriage Manufactory is the natural process, viz., allowing the timber to dry according to the fluctuations of the weather, without using any "specific" to promote desication. All timber in log is allowed to season in the open air, piled up in stacks, with interstices between each for allowing free circulation of air about the logs ; timber that is very susceptible to crack and split much, when exposed to outside seasoning, is seasoned in log in open sheds.

2. After logs are sufficiently seasoned, they are cut up as required into the component parts of carriages, leaving a sufficient extra length and thickness to allow of surface and end cracks being removed when they are finally used ; these component parts are called half wroughts.

3. The half wroughts are seasoned in lofty, commodious and well aired sheds, the larger half wroughts are seasoned in open sheds, with movable wooden shutters, the smaller in enclosed sheds having doors and windows for ventilation. All half wroughts are stacked in piles having skids placed between each row in the pile, to ensure free circulation of air throughout the pile. The end of each piece of timber is protected with a coating of cowdung and clay mixed to the consistencey of thick paint.

4. The time allowed for seasoning timber in log and half wrought is as follows :—

	In Log.	In half wrought.
Teak ...	5 to 6 years.	18 months for large component parts, and 12 month for the smaller.
Peddawk	5 to 6 „	2 to 3 years for large component parts, and 18 months for the smaller.
Saul	6 „	3 years for large component parts, and 2 years for the smaller.
Trincomalli...	2 „	12 month.
Poemah	2 „	1 to 2 years.
Rose...	3 „	18 months.

(Signed) T. H. CAMPBELL, Lieut.-Colonel,
Superintendent Gun Carriage Manufactory.

Madras, 8th June 1865.

(True Copy.)
(Signed) G. W. Y. SIMPSON, Colonel,
Inspector General of Ordnance and Magazines.

Ordered that the following letter be despatched :—

No. 508. From W. HUDLESTON, Esq., Acting Secretary to the Government of Fort Saint George, to the Secretary to the Government of India, Public Works Department (Revenue Forests), dated 23rd June 1865, No. 1,417.

SIR,

Forests, No. 18.

With reference to the Under Secretary's letter, dated 16th May 1865, No. 288 F, I have the honor to forward to you herewith for submission to the Government of India, copy of a Memorandum by the Superintendent of the Gun Carriage Manufactory explaining the seasoning of timber and half wrought material in his Department.

Revenue Department

No 1447 23rd June 65

To

The Secretary to the Government of India
Pub: Works Dept. (Revr. Forests.)

Sir,

With reference to the Under Secretary's letter dated 16th May 1865, No. 288 F, I have the honor to forward to you herewith for submission to the Government of India, Copy of a Memorandum by the Superintendent of the Govt. Carriage Manufactory explaining the seasoning of timber and half wrought material in this Department.

I have &c

Revenue 1865 Departt.
Rs: of Govt for June
No 1417.

To
The Secretary to the
Govt of India
Public Works Departt
(Revd Forests)
Dated 23d June 1865.

Rec'd No. 89-90
3-6-1865

Memo: from Colonel
Campbell on the subject of
seasoning Timber in the
Gun Carriage Manufactory
forwarded to Govt of
India.

No 507 & 508.