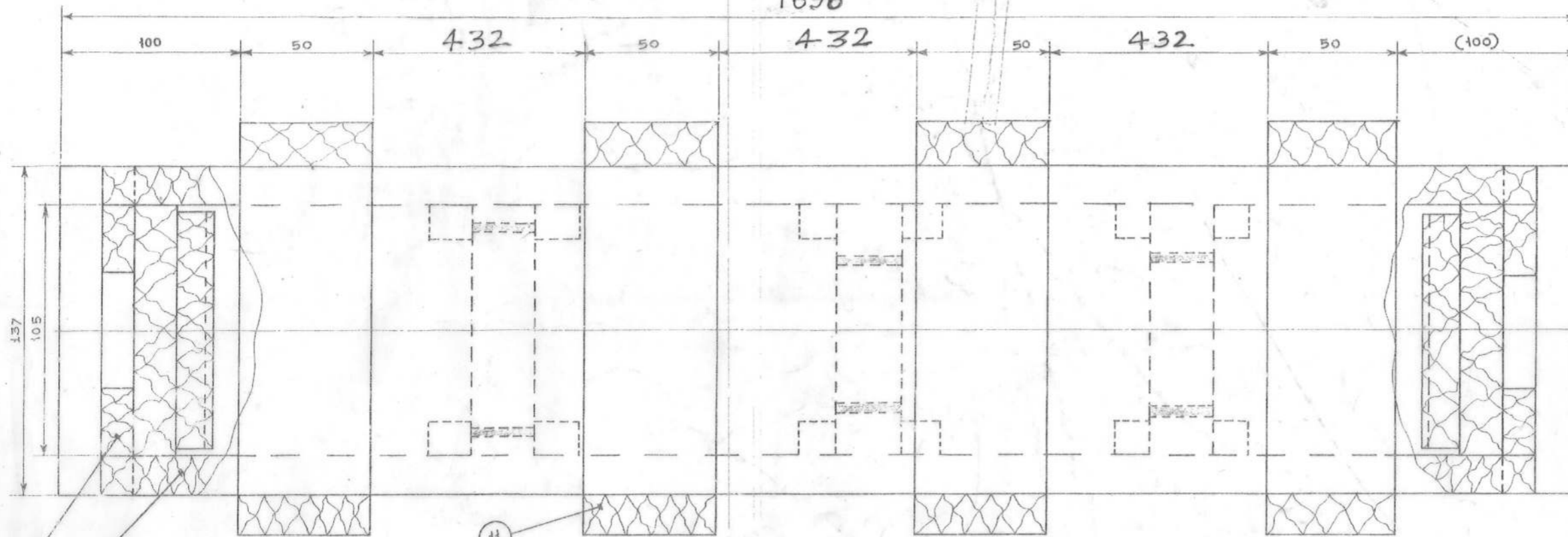
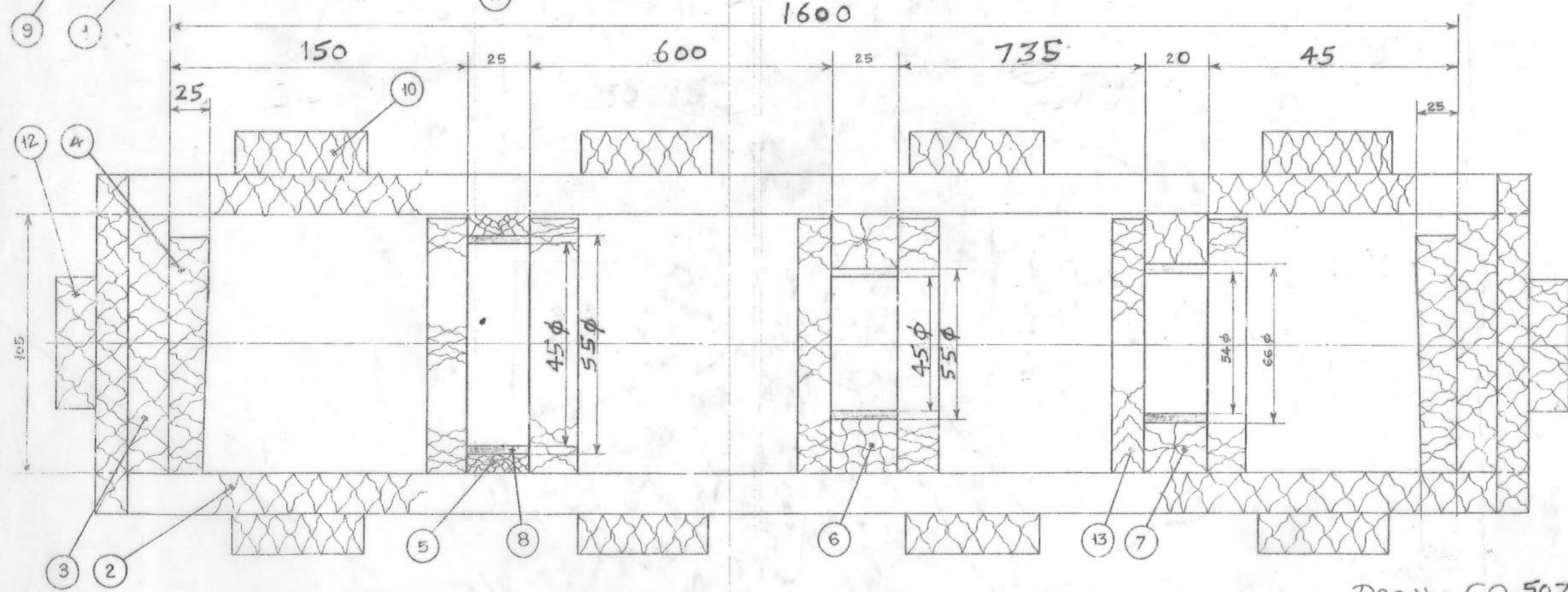


1696



1600



MATERIAL: MANGO WOOD
 SPECN. No.: SUPPLEMENTARY SCHE-
 DULE No.: CIGG/59/320(9)
 WITH PRESERVATIVE TREATMENT

- NOTE:-
1. ALL WOODEN MEMBERS EXCEPT THE TOP PLANK SHOULD BE FIXED WITH SUITABLE NAILS AT 75 mm. INTERVALS.
 2. THE TOP PLANK SHOULD BE SCREWED UP WITH SUITABLE WOOD SCREWS.
 3. THE STORE SHOULD BE GREASED & WRAPPED WITH WATER-PROOF PAPER PROPERLY.
 4. LOOSE PACKING ARE NOT TO BE ALLOWED.
 5. TO HOLD - ONE ONLY.

13	12	STRIPS	100	12	12
12	2	HANDLE	137	50	16
11	8	FRONT & REAR BATTENS	170	50	16
10	8	TOP & BOTTOM BATTENS	137	50	16
9	4	END BATTENS	137	25	16
8		FELT	AS REQUIRED		6
7	1	SUPPORT	105	105	25
6	1	SUPPORT	105	105	25
5	1	SUPPORT	105	105	25
4	2	WEDGE	105	100	AS SHOWN
3	2	END PLANK	105	105	16
2	1	TOP PLANK	1632	137	16
2	1	BOTTOM PLANK	1632	137	16
1	2	FRONT & REAR PLANK	1664	105	16
Sl. No.	No. OF	DESCRIPTION	LENGTH	WIDTH	THICKNESS
LIST OF PARTS					

G.S.Fy. Sk. No. :-
 CO-507

PACKING BOX FOR AK-630 NAVAL GUN
 BARREL
 (TO BE USED FOR DESPATCH)

CONCURRED BY
 P/ORD SEC.

DRG.No.:- CO-507
 DRAWN BY: *[Signature]* 03-08-11
 CHECKED BY: *[Signature]*
 APPROVED BY: *[Signature]* 03/8/11

SUPPLIMENTARY SCHEDULE NO. CIGS/SS/320(a)
SUPERSEDES SPECIFICATION NO. IND/GS/754(K)

CERTIFIED COPY

SUPPLEMENTARY SCHEDULE NO. C (IGS/SS/320(a))

(Supersedes Specn. No. HD/69/754(L))

to Indian Standard Specification No. IS 15966-1970 with Amendment No. 1 & 2 for "Non-Coniferous timber in converted form for general purposes".
Designation

Cat. No.	Timber, Hard Wood (Non-Coniferous) Planks & Scantlings Sorts Grade I Planks & Scantling Gr. I (mm)				
	(1)	(2)	(3)	(4)	(5)
H-3/5510-000427	13	x	125	x	1800
H-3/5510-000428	20	x	125	x	1800
H-3/5510-000429	25	x	125	x	1800
H-3/5510-000430	30	x	125	x	1800
H-3/5510-000431	35	x	125	x	1800
H-3/5510-000432	38	x	38	x	1800
H-3/5510-000433	38	x	100	x	1800
H-3/5510-000434	38	x	125	x	1800
H-3/5510-000435	45	x	125	x	1800
H-3/5510-000436	50	x	50	x	1800
H-3/5510-000437	50	x	125	x	1800
H-3/5510-000438	63	x	63	x	1800
H-3/5510-000439	63	x	150	x	1800
H-3/5510-000440	75	x	75	x	1800
H-3/5510-000441	75	x	100	x	1800
H-3/5510-000442	75	x	150	x	1800
H-3/5510-000443	100	x	100	x	1800
H-3/5510-000444	115	x	115	x	1800
H-3/5510-000445	125	x	125	x	1800
H-3/5510-000446	150	x	150	x	1800
H-3/5510-000447	175	x	175	x	1800
H-3/5510-000448	200	x	200	x	1800
H-3/5510-000449					

Insurance (GS)
 No. 127, KAMPUR
 127, KAMPUR

1. SCOPE

- 1.1 Timber, Hard Wood (Non-Coniferous) Planks scantlings of various sizes, intended for use of general purposes, i.e. for the manufacture of chest, boxes, cases, crates, light furniture and similar works, shall be demanded mentioning species and alternative species of timbers which are specified for manufacture of end store.
- 1.2 Kiln-seasoned timber shall be specifically demanded for manufacture of 'Pattern' making only.

2. REQUIREMENTS

- 2.1 Timber, Hard Wood (Non-Coniferous) Planks & scantlings Grade I shall conform to the Grade I of IS:5966-1970 in all respects except the following:
- 2.1.1 Sapwood - Sap wood upto 100 percent shall be permissible for Haidu, Kanju, Mango and Salai.
- 2.1.2 Sap wood - In species of timbers other than above timbers, shall be permissible upto 12.5 percent of cross sectional area of any plank and scantling.
- 2.1.3 Moisture content shall not exceed 14 percent for Kiln seasoned timber when specifically demanded.
- 2.1.4 Knots - Live knots and Dead knots, to the extent mentioned below, shall be permissible instead of stipulated at Sl. No. (ii) (a) & (b) under table I of IS:5966-1970.

1) Live knots

- | | |
|-----------------------------------|---|
| (a) Upto 13 mm dia | Permitted, provided they are not so numerous or so located/grouped as to affect unduly strength of the piece. |
| (b) Over 13 mm and upto 50 mm dia | Permitted, one knot per 610 mm length of the piece. |

प्र नियंत्रक

CONTROLLER

सहायक निरीक्षण अधिकारी (साधन बंध)

Quality Assurance (QA)

ब्लॉक नं. 127, कानपुर

Dist. Box No. 127, KANPUR

Supp.Sch.No.CIGS/53/120(a)

ii) Dead knots

- (a) Upto 6 mm dia - Permitted, provided they are not so numerous or so located/grouped as to affect unduly strength of the piece.
- (b) Over 6 mm and upto 25 mm dia - Permitted, one knot per 915 mm length of the piece.

iii) Live/Dead knot

- Upto 40 mm (max.) dia live on one face & dead on the other face. - Permitted, one knot per 1220 mm length of the piece, provided the depth does not exceed 3 mm below surface affected.


2.1.5 Preservation - The accepted Planks/scantlings shall be treated as given below instead of clause 5.1 of IS:5966-1970.

(a) Materials

- i) Sodium Pentachlorophenate (Na PCP) - 1 percent solution in water.
- ii) Copper Naphthenate - 10 percent solution in mineral turpentine.

(b) Method

- i) The accepted planks/scantlings containing sapwood to the extent as stipulated in para 2.1.1 & 2.1.2 above and timbers which come under Durability class III as mentioned in Table 3 of IS:401-82 other than Mango & Salai shall be treated with any one preservative mentioned above as specified in Group 9 of Table 2 of IS:401-82.
- ii) In case of timber Mango or Salai, the planks/scantlings shall be treated by dipping (dip in-dip out) method in 10 percent solution of Copper Naphthenate in mineral turpentine only.
- iii) Immediately, after inspection the ends of each accepted planks/scantlings shall also be end coated with any one of the material mentioned in IS:1111-1973 as per clause 10.1 of IS:5966-1970.


 CONTROLLER
 Bureau of Quality Assurance (BQA)
 Building - 127, KANPUR
 X No. 127, KANPUR

4. MARKING

- 3.1 In addition to the marking specified in clause 3.1 of IS:5966-1970 each accepted plank/scantling shall also be marked with Cat.No. and size of the item at a distance of about 305 mm from the end using waterproof marking black ink.
- 3.2 In case of Kiln-seasoned timber each piece shall be marked indelibly with the abbreviation 'KD'.

4. ACCEPTANCE MARKING BY THE INSPECTOR

- 4.1 Each accepted plank/scantling shall be legibly and indelibly marked by the Inspecting Officer, adjacent to the supplier's marking using a steel stamp of size 20 mm and above.
- 4.2 The final rejection shall be marked by the Inspecting Officer by stamping the letter 'X' on both sides of the supplier marking thus :-

H-3/9510-000425
13 x 125 x 1800 mm
X MISTRY & CO. X
1986

5. DELIVERY

- 5.1 The planks and scantlings shall be tendered for inspection duly stacked in air-seasoning sheds using 50 mm x 25 mm crossers of uniform thickness. Each stack should contain planks/scantlings of one size only. The planks/scantlings shall be in a good condition and free from mud paint or any other coating material which might conceal defects.
- 5.2 The planks/scantlings tendered for inspection in any one lot shall be of one cross sectional area and one species of timber.
- 5.3 Immediately after inspection, each accepted plank/scantling containing permissible sapwood as stipulated in sub paras 2.1.1 & 2.1.2 above and timber of durability class III shall be given preservative treatment and ends coating shall also be done.
- 5.4 After treatment and ends coating the planks/scantlings (below 100 mm x 100 mm cross sectional area), shall be suitably tied using strong twine or wire to form bundles of 5, 10 or 15 pieces as directed by the Inspecting Officer, in order to facilitate accounting and easy handling during transit and storage.
- 5.5 Scantlings (100 mm x 100 mm in cross sectional area) and above shall be delivered loose.

निर्देशक

INSPECTOR CONTROLLER

INSPECTOR GENERAL (WOODS)
Central Board of Quality Assurance (CBQA)
प्लॉट नं. 127, कानपुर
पिन कोड नं. 208 007

प्लॉट नं. 127, कानपुर
पिन कोड नं. 208 007

Supp. Sch. No. GIGS/95/320(a)

NOTE: - Specifications of various series mentioned above can be had on payment from the addresses as shown below:

SPECIFICATION

SOURCE

I.S. Series

The Director General Bureau of Indian Standards, Manak Bhawan, 9 Bahadur Shah Zafar Marg, NEW DELHI-110 002.

OR

The regional Offices at Bombay, Calcutta, Madras and other branch offices.

Or their regional Establishments.

IND/GS/Series
JSS & Supple-
mentary Sch.
in COA(GS)/
series

The Controller,
C.G.A.(GS),
P.B. No. 127,
KANPUR-208 004

1. The Senior Quality Assurance Officer, Sr. G. A. Estt. (GS), Hastings, CALCUTTA-22

IND/SL/Series

The Controller
COA (Materials),
P.B. No. 229,
KANPUR-208004

2. The Senior Quality Assurance Officer, Sr. G. A. E. (G.S.), L.B.S. Marg, Vikhroli, BOMBAY-400083

IND/TC/Series

The Controller,
C. G. A. (T. & C.),
P. B. No. 294,
KANPUR-208 004

3. The Sr. Quality Assurance Officer, Sr. G. A. E. (GS) KANPUR-208004

IND/SL/Series
for Petroleum
Products (if
required).

The Controller,
C.G.A. (Petro. Prod.),
P. B. No. 244,
KANPUR-208 004

4. The Senior Quality Assurance Officer, Sr. G. A. E. (GS), Parthavanthangal, MADRAS-600 114

"DMSRDE" Series
(if required)

The Director
DMSRDE,
P.B.No. 320,
G.I. Road,
KANPUR-13

5. The Sr. Quality Assurance Officer, Sr. G. A. E. (GS), Anand Parbat, NEW DELHI-110 002

6. The Sr. Quality Assurance Officer, S.G.A.E. (GS), SHAH (KANPUR (UP))

/KK/

02/11/05
D.R. KURSEEL
FIM (GSGP)
CONTROLLERATE
POST BOX NO. 127, KANPUR-208 004
Quality Assurance (GS)

For CONTROLLED
(GENERAL STORES)
DATED:

127, KANPUR