

Inure Rkt
96891

No.1570 Ship.

Sh.
18-4-38.

Specification of Insulated Cargo Spaces.

The three insulated chambers as shown on plan to be insulated in accordance with the following specification.

Ship's side port: To have 12" of Newalls Brand Nonpareil Slab Cork erected in three layers, finished with $\frac{3}{16}$ " thick Asbestos Cement Sheets secured by means of 2" x $\frac{1}{2}$ " cover strips over the joints.

3 Steel Boundary Bulkheads: To be insulated as detailed above.

2 Self Supporting Divisional Bulkheads: To have 6" of SLAB CORK erected in two layers, finished on each side with $\frac{3}{16}$ " thick Asbestos Cement Sheets having 2" x $\frac{1}{2}$ " teak cover strips over the joints.

Underside of Deck Over: To have 10" of slab cork erected in three layers and finished on the underside with asbestos cement sheets and teak cover strips as detailed previously.

On Top of Deck forming floor: To have 8" of slab cork erected in two layers and finished on top with $1\frac{1}{2}$ " thick Durastic having a 3" cove up all vertical surfaces.

Girders and Beam Knees: To be insulated with 2" thick slab cork finished with $\frac{3}{16}$ " thick Asbestos Cement Sheets.

Insulated Doors: To have pitch pine standards, lintel, sill and plug framing. Plugs insulated with slab cork retained at each side with white pine T. & G. boarding: the doors to be of the two step type with gasket, and to be manufactured so as

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to be $\frac{1}{8}$ " clear of the door frames to ensure that the joint is made on the gasket. Each door to have one pair "A" type galvanised hinges and one galvanised "A" type screw fastener operating on both side of door, $\frac{3}{16}$ " thick galvanised sill plate, galvanised hasp plate if required.

3 off 5'3" x 2'6" in clear opening x $12\frac{1}{4}$ " thick.

Thermometer Tubes: 3 off allowed.

Scupper Plugs: Fitted in way of shipbuilders' scuppers; 4 off.

Floor Gratings: To be of $2\frac{3}{8}$ " x $1\frac{3}{8}$ " white pine at $1\frac{1}{2}$ " clear apart over similar scantling bearers spaced approx. 12" apart. Gratings to be in convenient size for easy removal.

Baffle Boarding: To be fitted on the vertical surfaces in way of the brine grids, and to be of $3\frac{7}{8}$ " x $\frac{7}{8}$ " white pine spaced 4" apart over similar scantling bearers spaced 3'0" apart.

Cargo Battens: To be fitted clear of the brine grids on the vertical surfaces and to be of 2" x 2" white pine spaced 15" apart.

Evaporator: Insulated with two layers of 4" thick slab cork finished with $\frac{7}{8}$ " finished thickness white pine T. & G. boarding.

Brine Pumps: To be insulated with two layers of 3" thick slab cork finished with $\frac{7}{8}$ " white pine T. & G. boarding.

Brine Leads etc: To be insulated with two layers of 3" thick slab cork finished with $\frac{7}{8}$ " thick white pine T. & G. boarding.

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Insulation Contractors to provide the labour for fitting Refrig. Engineers' overhead brine grid hanger bolts into positions marked off by them, supplying and fitting the through bolts to connect these items to the beams, together with fibre ferrules and washers if same are required.

In way of the brine grid hangers, 2" wide x $\frac{1}{2}$ " thick double compressed slab cork to be fitted behind the 2" x $\frac{1}{2}$ " teak cover strip.

Varnishing: All exposed timber work fitted by Newalls to receive two coats of light colour refrigerator varnish, with the exception of the floor gratings, which are to remain unvarnished.

Drilling of Steelwork: Insulation Contractors to include for the necessary drilling of steelwork to take the grounds for the insulation, together with the supplying and fitting of the necessary steel lugs.

The remaining requirements of the Rules for Refrigerating Machinery & Appliances to be complied with so far as they are applicable.

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