

Rpt. 17 (a)

5 MAY 1960

18236

Date of writing Report 16-4-60 Received London Aalborg Port No. of visits 8 First date 22-2-60 Last date 21-3-60

REFRIGERATED CARGO INSTALLATION REPORT ON REFRIGERATING MACHINERY

Machinery made by Messrs. A/S Thomas Ths. Sabroe & Co. Machine Nos. 39311-12-13-14 When made 1960

PARTICULARS OF REFRIGERATING MACHINES OF EACH SIZE (Including machines (if any) for cooling liquid refrigerant)

RECIPROCATING TYPES

(1) No. of machines 4 No. of cylinders per machine 6 Single or double acting single Single or two-stage single

OTHER TYPES (e.g., Centrifugal, steam jet, etc.)

Where two machines only are provided, are all the working parts interchangeable? working parts of compressors interchangeable

PARTICULARS OF GAS CONDENSERS OF EACH TYPE AND SIZE

No. of shell-and-tube type 4 No. of shells in each 1 No. of tubes per shell 116 Material and thickness of tubes SM Steel 33.8/25.7 mm

PARTICULARS OF EVAPORATORS (BRINE COOLERS) OF EACH TYPE AND SIZE.

No. of shell-and-tube type 24 No. of shells in each 1 No. of tubes per shell 153 Material and thickness of tubes SM Steel 33.8/25.7 mm

OTHER COMPONENTS, ETC.

No. of oil separators 4 No. of filters 1 No. of liquid receivers 2 No. of driers No. of brine heaters 1 electric

Have all components of the refrigerating plant been constructed strictly in accordance with the Rules and approved plans?



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PRESSURE TESTS AT WORKS

DESCRIPTION	Working Pressure	Hydraulic Pressure	Date of Test	Air Test Pressure	Date of Test	Stamped
Compressor cylinders covers ...		42	15-3-60	21	15-3-60	all parts stamped Lloyds test ABG H/A MM and date.
Compressor crankcases ...		21	15-3-60	10.5	15-3-60	
Oil separators, oil rectifiers ...		35	8-3-60	17.5	8-3-60	
Filters ...						
Driers ...						
Strainers ...						
Stop valves and connections ...						
Liquid receivers ...		35	24-3-60	17.5	24-3-60	
Condenser shells or coils ...		35	11-15-24/3	17.5	11-15-24/3	
Evaporator (brine cooler) shells or coils ...		35	24-3-60	17.5	24-3-60	
Condenser headers and connections ...						
Condenser coil casings or water ends ...						
Evaporator headers and connections ...						
Evaporator coil casings or brine ends ...						
Air cooler coil assemblies ...		7	8-11-15/3			
Chamber grid sections ...						
Float regulators ...						
Brine heaters ...						
Primary refrigerant piping ...						
Other pressure parts ...						

PLANS: Drawing No. and date of approval of each plan concerned.

Messrs. Sulzer
 Compressors, crankshaft. 142/553-1 6/10-54
 Crankcases 104652-53
 Cylinders general app. 8-7-54.
 Filters 121213 17-9-59
 Separators 102663-64 gen.app. 8-7-54
 Liquid receivers 121070 - 17-9-59.
 Evaporators 121063 17-9-59
 Strainers
 Condensers 121830-121894-121895-896-897, 5-1-60.
 Driers
 Air coolers
 Brine heaters
 Other pressure parts

General remarks (state quality of workmanship, opinions as to class, etc.)

The refrigerating machinery and appliances have been constructed under Special Survey in accordance with the requirements of the Rules, the approved plans and specification and the Secretary's letters. The material used has been tested as required by the Rules, the workmanship being good.
 The welding of pressure vessels has been carried out in accordance with the Rules for Welded Pressure Vessels, Class 2.
 This installation is in my opinion fit for the notation + Lloyds RMC with date to maintain 10° F in all chambers with sea temp. 86° F max. when the remaining requirements for refrigerated cargo installations have been complied with.

PARTICULARS OF MACHINERY FOR REGISTER BOOK

No. of units 4
 Total B.H.P. of all compressor prime movers 220
 Makers A/S Thomas Ths. Sabroe & Co.
 Prime Movers electric AC motors
 Refrigerant Ammonia
 Date of construction 1959

MACHINERY PARTICULARS:

Four 6 cyl. S.A.S.S. comp. 100 x 80 x 975 R.P.M.
 Four shell & tube condensers.
 Two shell & tube evaporators each in two sections.

SURVEY FEE (Based on measured cubic capacity on completion of installation.)

£Kr. : 970,00

Fee applied for, 19

Travelling expenses £ 117 : 85,00

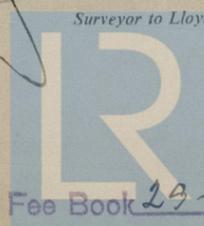
Received by me, 19

Date of Committee
 Minute

MONDAY 13 JUN 1960

Deferred for completion.

Surveyor to Lloyd's Register



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Entered in Aalborg Rough Fee Book 29-3-60.