

REPORT ON BOILERS.

No. 58257

Received at London Office
 Date of writing Report 2-4-37 When handed in at Local Office 5-4-37 Port of Glasgow 7 APR 1937
 No. in Survey held at Annan Date, First Survey 30-12-36 Last Survey 1-4-1937
 Reg. Book. Boiler No 13483. (Number of Visits 13) Gross Tons Net Tons
 on the
 Master Built at By whom built When built
 Boilers made at By whom made When made
 Owners Port belonging to

VERTICAL DONKEY BOILER— No. 1 Description Cochran Manufacturers of steel Botherrell & Co
 Made at Annan By whom made Cochran & Co. Annan When made 1937 Where fixed Working pressure 100
 tested by hydraulic pressure to 200 Date of test 1-4-37 No. of Certificate 19938 Fire grate area Description of safety valves 8-7.
 No. of safety valves 2 Area of each 4-9-37 Pressure to which they are adjusted If fitted with easing gear Yes If steam from main boilers can
 enter the donkey boiler Diameter of donkey boiler 7'-0" Length 18'-0" Material of shell plates S Thickness 1/2" - 1/16"
 Range of tensile strength 28-32 Description of riveting long. seams J. R. L. Diameter of rivet holes 27/32, 29/32 Whether punched or
 drilled drilled Pitch of rivets 2 3/8 - 2 3/4 Lap of plating 4 1/4 Per centage of strength of joint Rivets 74-8 Working pressure of shell by
 rules 108-5 Thickness of shell crown plates 3/16 - 7/8 Radius of do. 3'-6" No. of stays to do. none Diameter of stays Diameter of
 furnace—Top Bottom 6'-0 Length of furnace Thickness of furnace side plates 17/32 Description of joint Sless Working
 pressure of furnace by rules 122 Thickness of Ogee ring 3/8 Working pressure of Ogee ring by rules 101 Thickness of furnace
 crown plates 17/32 Radius of do. 3'-0 Stayed by Turnbuckles Diameter of uptake 15" x 23" Thickness of uptake
 plates 9/16 Thickness of tube plates front 1 1/16 back 1 1/2 Mean pitch of stay tubes in nest 9-187 Pitch in outer vertical rows 5 1/4 - 6 1/4
 Diameter of tube holes FRONT stay 2 3/16 BACK stay 2 1/2 Working pressure of tube plates by rules 111, 152 Tubes: Material 8
 External diameter stay 1 1/2 - 2" 2 1/16 plain 1 1/32 2" No. of threads per inch 9 Pitch of tubes 2 5/8 x 2 5/8 3 1/8 x 3 1/8
 Working pressure by rules 113 Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating
 ring 28" dia x 1 1/16 No. of rivets and diameter of rivet holes 36 - 27/32 Outer row pitch at ends 3-9"

FOR COCHRAN & CO. ANNAN, LTD.

The foregoing is a correct description.

Signature of Manufacturer
 WORKS MANAGER.

Dates of Survey while building
 During progress of work in shops— 1936 Dec: 30 (1937) Jan: 7-14-21-28 Feb: 4-11-18-25 Drawing No. E 34867
 During erection on board vessel— Mar: 12-17-23 Apr: 1
 Total No. of visits 13
 Is the approved plan of boiler forwarded herewith Yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under special survey in accordance with the approved plan and the Society's Rules and requirements the materials and workmanship are good.

To the order of ARC Karkov Skibovanski. Karkov. Yard No 80

Survey Fee ... £ 4 : 4 : When applied for ... 19
 Travelling Expenses (if any) £ : : When received ... 19

MONTHLY ACCOUNT

Committee's Minute GLASGOW 6-APR 1937

TUE. 12 APR 1937

Assigned TRANSMIT TO LONDON

Signature of Engineer
 Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register
 Foundation

W467-2141