

REPORT ON BOILERS.

No. 36309.

WED. 20 SEP. 1916

Received at London Office
 Date of writing Report Sept 13th 1916 When handed in at Local Office 19 Port of Glasgow
 No. in Survey held at Amman Date, First Survey 18/5/16 Last Survey Sept 12th 1916
 Reg. Book. on the Donkey Boiler for messrs The Asiatic Petroleum Co Ltd London (Number of Visits 4) Gross Tons Net
 Master By whom built When built By whom made Cochran & Co Amman Ltd Amman When made 1916
 Boilers made at Amman Port belonging to
 Owners

VERTICAL DONKEY BOILER— No. 7098 Description Cochran Manufacturers of steel The Glasgow Iron & Steel Co Ltd
 Made at Amman By whom made Cochran When made 1916 Where fixed Working pressure 100
 tested by hydraulic pressure to 200 Date of test 12-9-16 No. of Certificate 13541 Fire grate area 9.75 Description of safety valves
 No. of safety valves Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can enter the donkey boiler
 Dia. of donkey boiler 4'6" Length 10'0" Material of shell plates Steel Thickness $\frac{3}{8}$ + $\frac{7}{16}$ Range of tensile strength 28.5 Descrip. of riveting long. seams D.R. lap Dia. of rivet holes $\frac{23}{32}$ Whether punched or drilled Drilled Pitch of rivets 2.375"
 Lap of plating 3" Per centage of strength of joint 77.5 Working pressure of shell by rules 105 lbs Thickness of shell crown plates $\frac{7}{16}$
 Radius of do. 57' No. of Stays to do. none Dia. of stays Diameter of furnace Top Radius Bottom 45" Length of furnace 32 $\frac{1}{2}$ "
 Thickness of furnace plates $\frac{1}{2}$ Description of joint S.R. lap Working pressure of furnace by rules 100 Thickness of furnace crown plates $\frac{1}{2}$ Radius of do. 22 $\frac{1}{2}$ " Stayed by Hemisphere Diameter of uptake 10 $\frac{1}{2}$ " x 17" Thickness of uptake plates $\frac{1}{2}$
 Thickness of water tubes Plate The foregoing is a correct description,
Front $\frac{19}{32}$ For COCHRAN & CO, AMMAN, LIMITED
Back $\frac{1}{2}$ G. Wallers Manufacturer.

Dates of Survey while building
 During progress of work in shops 1916 Aug 18-24-31 Sept 12
 During erection on board vessel
 Total No. of visits 4

Is the approved plan of boiler forwarded herewith Yes
Drawing No 9554

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The material & workmanship is good
The boiler has been built under special survey.

Survey request form

No. 1408 attached

Survey Fee ... £ 2 : 2 : } When applied for, 19
 Travelling Expenses (if any) £ : : } When received, 19

MONTHLY ACCOUNT

Committee's Minute GLASGOW 19 SEP. 1916
 Assigned TRANSMIT TO LONDON

William H. Copeman
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
 TUES. 24 JUNE 1916

Lloyd's Register
 Foundation

010824-010834-0283