

pt. 5b.

REPORT ON BOILERS.

No. 35255

Date of writing Report 25/6/15 When handed in at Local Office 19 Port of Glasgow Received at London Office Wed. Jun. 30/1915

No. in Survey held at Annan Date, First Survey 20/5/15 Last Survey 25/6/15 19 15
Reg. Book. (Number of Visits 4)

on the Donkey Boiler for Motor Vessel "Hebe" Tons } Gross
Master _____ Built at _____ By whom built _____ When built _____

Boilers made at Annan By whom made Cochran & Co. Annan Ltd When made 1915

Owners Anglo Saxon Petroleum Co. Ltd, London Port belonging to _____

VERTICAL DONKEY BOILER— No. 6895 Description Cochran Manufacturers of steel Stewart & Lloyd

Made at Annan By whom made Cochran & Co When made 1915 Where fixed _____ Working pressure 100

Tested by hydraulic pressure to 200 Date of test 25/6/15 No. of Certificate 1319 Fire grate area _____ 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 5'-9" Length 13'-0" Material of shell plates S Thickness 1/2 - 7/16 Range of tensile strength 28-32 Descrip. of riveting long. seams dl Dia. of rivet holes 35/32 Whether punched or drilled d Pitch of rivets 2-55

Gap of plating 3/8 Per centage of strength of joint Rivets 48 Working pressure of shell by rules 102 Thickness of shell crown plates 13/32 - 1/16

Radius of do. 2'-10 1/2 No. of Stays to do. none Dia. of stays Rad Diameter of furnace Top 2'-6" Bottom Rad Length of furnace 3'-3 5/8

Thickness of furnace plates 1/2 - 1/16 Description of joint hemisphere RRR Working pressure of furnace by rules 100 Thickness of furnace crown plates 1/2 Radius of do. 2'-6" Stayed by hemisphere Diameter of uptake 13 x 9 1/2 Thickness of uptake plates 9/16

Thickness of water tubes Plates F 3/4 B 5/8

The foregoing is a correct description,
(Signed) Cochran & Co. Annan Ltd Manufacturer.

Dates { During progress of work in shops - - } 1915 May 28. June 2. 10. 25
{ During erection on board vessel - - }
while building { Total No. of visits 4

Is the approved plan of boiler forwarded herewith Yes 9063

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 1288 attached

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

(Signed) John H. Heston
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUE. 14. NOV. 1916

signed

