

REPORT ON BOILERS.

Lon. Rpt. 82440.

No. 34846

Date of writing Report 1st June 1918 When handed in at Local Office

Received at London Office

WED 5 JUN 1918

No. in Survey held at Amman

Port of Glasgow

Reg. Book.

Date, First Survey 1st May

Last Survey 31st May 1918

on the Donkey Boiler for 4 tons concrete cooling (Number of Visits 10) CRETELL Tons } Gross }
Net }

Master Tilbury Built at Tilbury By whom built Christians Nielsen & Co When built

Boilers made at Amman By whom made Cochran & Co Amman Ltd When made 1918

Owners Port belonging to

VERTICAL DONKEY BOILER— No. 7852 Description Cochran Manufacturers of steel Glasgow J. & S. Co

Made at Amman By whom made Cochran & Co When made 1918 Where fixed on top deck Working pressure 150

tested by hydraulic pressure to 300 Date of test 31-5-18 No. of Certificate 14317 Fire grate area 16.75 Description of safety valves Spring loaded

No. of safety valves 2 Area of each 25" dia Pressure to which they are adjusted 150 If fitted with easing gear yes If steam from main boilers can enter the donkey boiler

Dia. of donkey boiler 5'6" Length 12'3" Material of shell plates Steel Thickness 19/32 + 21/32 Range of tensile strength 28-32 Descrip. of riveting long. seams D. R. Lap Dia. of rivet holes 31/32 Whether punched or drilled drilled Pitch of rivets 2.9"

Lap of plating 4 3/4" Per centage of strength of joint Rivets 69.6 Plates 67.0 Working pressure of shell by rules 156 Thickness of shell crown plates 53/64 + 9/16

Radius of do. 33" No. of Stays to do. nil Dia. of stays 5/8" Diameter of furnace Top Radius Bottom 57" Length of furnace 41"

Thickness of furnace plates 5/8" + 53/64 Description of joint Stayed by Hemispheric Working pressure of furnace by rules 152 Thickness of furnace crown plates 5/8" Radius of do. 28 1/2" Diameter of uptake 13" x 19" Thickness of uptake plates 9/16"

Thickness of water tubes plates Front 1" Back 1 1/8"

The foregoing is a correct description,
For COCHRAN & CO., AMMAN, LIMITED
H.C. Woodham Manufacturer.

Dates of Survey while building } During progress of work in shops - - } 1918 May 1, 3, 8, 10, 15, 14, 22, 24, 29, 31
} During erection on board vessel - - }
Total No. of visits 10

Is the approved plan of boiler forwarded herewith no
Drawing no 11574 sent with Glasgow Report 37821

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. C1536 attached to Lo. Rpt. 34821

Survey Fee £ 6 : 6 : 0 Jobs applied for from London office
Travelling Expenses (if any) £ : : 0 When applied for, 24/1/20
When received, 16/4/19

Committee's Minute GLASGOW, 4 JUN 1918

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
TUE JAN. 20, 1920

Signed W.M. TRANSMIT TO LONDON