

REPORT ON BOILERS.

No. 36945.

Received at London Office WED. 13 JUN 1917

Date of writing Report 7th June 1917 When handed in at Local Office

Port of Glasgow.

Date, First Survey 9th March 1917 Last Survey 7th June 1917

(Number of Visits 8) Gross 1144.21 Tons Net 516.30

on the Donkey boiler for the R.F.A. "OAKOL". Central maine S.W. N° 889

Built at W. Hartlepool By whom built W. Gray & Co. Ltd.

By whom made Cochran & Co. Annan Ltd When made 1917

Port belonging to London.

VERTICAL DONKEY BOILER— No. 7297 Description Cochran Manufacturers of steel Glasgow J. & S. Co.

made at Annan By whom made Cochran & Co. When made 1917 Where fixed Working pressure 100

tested by hydraulic pressure to 200 Date of test 7-6-17 No. of Certificate 13804 Fire grate area 22.54 Description of safety valves Spring

of safety valves 2 Area of each 4.912 Pressure to which they are adjusted 100 lb. If fitted with easing gear Yes If steam from main boilers can

er the donkey boiler Dia. of donkey boiler 6' 6" Length 16' 3" Material of shell plates Steel Thickness 1/2" + 19/32" Range of tensile

length 23/32" Descrip. of riveting long. seams D.R. Lap Dia. of rivet holes 27/32" Whether punched or drilled drilled Pitch of rivets 2.64"

of plating 4 1/8" Per centage of strength of joint Rivets 41.4 Working pressure of shell by rules 105 Thickness of shell crown plates 37/32" + 1/16"

radius of do. 39" No. of Stays to do. nil Dia. of stays Diameter of furnace Top Radius Bottom 66" Length of furnace 43 1/4"

thickness of furnace plates 1/2" + 3/32" Description of joint Working pressure of furnace by rules 100 Thickness of furnace crown

es 1/2" Radius of do. 33" Stayed by Hemispherical Diameter of uptake 15" x 23" Thickness of uptake plates 9/16"

thickness of water tubes Plate Hunt 13/16" Back 23/32"

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

During progress of work in shops— 1917 Mar 9-16-23-30 Apr 13 May 10-25 June 7
Survey while building During erection on board vessel —
Total No. of visits 8

Is the approved plan of boiler forwarded herewith for Drawing No. 11419.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The material & workmanship is good

The boiler has been built under special survey. And has been fitted on board the above-named vessel.

The boiler is fitted to burn oil fuel.

Survey request form C146 attached

Survey Fee £ 2 : 2 : When applied for, 10
Travelling Expenses (if any) £ : : When received, 10

MONTHLY ACCOUNT.

John H. Copeman. M. Phil.
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW. 12 JUN 1917
Signed TRANSMIT TO LONDON

TUE MAR. 26 1918.

See W. Appl. for 1st 15462

Lloyd's Register Foundation