

REPORT ON BOILERS.

No. 43796 attached to
No. 44971

Received at London Office

WED. JUL 9 1924

Report 19 When handed in at Local Office 5. 7. 1924 Port of Glasgow
Survey held at Annan Date First Survey 23rd May Last Survey 4th July 1924.
No. Cochran Boiler No. 9105 City of Stockholm (Number of Visits 5) Gross 5075
Built at Glasgow By whom built Barclay Curle & Co. Ltd. When built 1925
By whom made Cochran & Co. Annan Ltd. When made 1924.
Port belonging to Liverpool

AL DONKEY BOILER No. one Description Cochran type Manufacturers of steel J. Colville & Son.
By whom made Cochran & Co. Annan Ltd. When made 1924 Where fixed Bottom plate Working pressure 100 lbs.
Hydraulic pressure to 200 lbs. Date of test 4th July 1924. of Certificate 16549 Fire grate area 225 sq. ft. Description of safety valves Rust & Spring
valves 2 Area of each 30 Pressure to which they are adjusted 100 lbs. If fitted with easing gear yes If steam from main boilers can
key boiler Dia. of donkey boiler 6'6" Length 6'3" Material of shell plates Steel Thickness 1/2" Range of tensile
Descript. of riveting long. seams D.R. lap. Dia. of rivet holes 27/32" Whether punched or drilled drilled Pitch of rivets 2-663 - 2 1/16 + 2 27/32
Per centage of strength of joint Rivets 68.8 Working pressure of shell by rules 110 lbs Thickness of shell crown plates 1/32 + 27/32
No. of Stays to do. none Dia. of stays Diameter of furnace Top Hemispherical Bottom 5'6" Length of furnace Sphere
furnace plates 1/2 + 27/32 Description of joint Seamless & overlapping Working pressure of furnace by rules 25 lbs Thickness of furnace crown
Radius of do. 2'9" Stayed by radius Diameter of uptake 15" x 23" Thickness of uptake plates 9/16"
water tubes plates front 3/16" back 23/32"
The foregoing is a correct description,
FOR COCHRAN & CO. ANNAN LIMITED Manufacturer.
Thomas Stalley

During progress of work in shops - 1924 May 23-30 Jun 6-27 July 4
During erection on board vessel - -
Total No. of visits 5. Is the approved plan of boiler forwarded herewith Yes. ✓
Drawing No. 13892

AL REMARKS (State quality of workmanship, opinions as to class, &c.)

Boiler, which has not been built under Special Survey, has been
inspected throughout, the scantlings checked and found in accordance
with the plan. The materials have been tested by the Society's Surveyors
the marks on the plates verified with the invoices.
Boiler has been tested by hydraulic pressure, in my presence, to
100 lbs per square inch with satisfactory results; the workmanship
good.

Boiler is to the order of Messrs North British Diesel Engine Works
Contract No. 35.

This boiler has been satisfactorily fitted on board the
City of Stockholm (Barclay Curle & Co. No. 608) examined under
steam and safety valves adjusted to 100 lbs per sq. in.
Annual Survey Request

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

A. Campbell

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW - 8 JUL 1924

Signed TRANSMIT TO LONDON

GLASGOW 8-SEP 1925

See Gen. Rep. No. 444971

Lloyd's Register

Foundation

W219-0162