

REPORT ON BOILERS.

Sld. No 29051
Gls. No 44437

18 APR 1925
25 FEB 1925

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Date of writing Report 21 Feb. 1925 When handed in at Local Office 28.2.1925 Port of Glasgow
No. in Reg. Book. Survey held at Annan, Scotland Date, First Survey 6 April 1925
on the Cochran Boiler No 9518 for Messrs Osbourne Graham & Co. Sunderland for S.S. 264 Tons Last Survey 20 February 1925
Master Built at Sunderland By whom built Osbourne Graham & Co. When built 1925
Boilers made at Annan By whom made Messrs Cochran & Co. Annan Ltd When made 1925
Owners Joseph Constantine S.S. Line, Ltd Port belonging to Middlesbrough

VERTICAL DONKEY BOILER— No. One Description Cochran Type Manufacturers of steel D. Colvilles Sons Ltd.
Made at Annan By whom made Messrs Cochran & Co. Annan When made 1925 Where fixed Strathclyde Working pressure 100 lbs
tested by hydraulic pressure to 200 lbs Date of test 20.2.25 No. of Certificate 6732 Fire grate area 18.1 sq. ft. Description of safety valves 4 Spring
No. of safety valves 2 Area of each 3.14 sq. ft. Pressure to which they are adjusted 104 lbs If fitted with easing gear YES If steam from main boilers can enter the donkey boiler No. Dia. of donkey boiler 6'-0" Length 12'-6" Material of shell plates steel Thickness 1/2" 7/16" 1/2" 1/2" Range of tensile strength 28-32 Descrip. of riveting long. seams D.R. L.A.P. Dia. of rivet holes 2 5/32 Whether punched or drilled drilled Pitch of rivets 2.75" 2.692"
Lap of plating 3 7/8" Per centage of strength of joint Rivets 65.5% Plates 71.6% Working pressure of shell by rules 105.5 lbs Thickness of shell crown plates 13/32" 1 1/16"
Radius of do. 3'-0" No. of Stays to do. None Dia. of stays Diameter of furnace Top Hemisphere Bottom 5'-0" Length of furnace 2'-7 3/16"
Thickness of furnace plates 1/2" Description of joint Seamless Ogee Ring Working pressure of furnace by rules 137.5 lbs Thickness of furnace crown plates 1/2" Radius of do. 2'-6" Stayed by Hemisphere Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 9/16"
Thickness of water tube plates FRONT. 2 5/32" BACK. 2 1/32"

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

Dates of Survey { During progress of work in shops - 17.12.1924, 17.12.1924, 19.12.1924, 19.12.1924, 23.12.1924, 23.12.1924, 27.12.1924, 27.12.1924, 31.12.1924, 31.12.1924, 4.1.1925, 4.1.1925, 8.1.1925, 8.1.1925, 12.1.1925, 12.1.1925, 16.1.1925, 16.1.1925, 20.1.1925, 20.1.1925, 24.1.1925, 24.1.1925, 28.1.1925, 28.1.1925, 31.1.1925, 31.1.1925, 4.2.1925, 4.2.1925, 8.2.1925, 8.2.1925, 12.2.1925, 12.2.1925, 16.2.1925, 16.2.1925, 20.2.1925, 20.2.1925, 24.2.1925, 24.2.1925, 28.2.1925, 28.2.1925, 31.2.1925, 31.2.1925, 4.3.1925, 4.3.1925, 8.3.1925, 8.3.1925, 12.3.1925, 12.3.1925, 16.3.1925, 16.3.1925, 20.3.1925, 20.3.1925, 24.3.1925, 24.3.1925, 28.3.1925, 28.3.1925, 31.3.1925, 31.3.1925, 4.4.1925, 4.4.1925, 8.4.1925, 8.4.1925, 12.4.1925, 12.4.1925, 16.4.1925, 16.4.1925, 20.4.1925, 20.4.1925, 24.4.1925, 24.4.1925, 28.4.1925, 28.4.1925, 31.4.1925, 31.4.1925, 4.5.1925, 4.5.1925, 8.5.1925, 8.5.1925, 12.5.1925, 12.5.1925, 16.5.1925, 16.5.1925, 20.5.1925, 20.5.1925, 24.5.1925, 24.5.1925, 28.5.1925, 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