

REPORT ON BOILERS.

No. 45526

Date of writing Report

16/3/27

When handed in at Local Office

22/3/27

Received at London Office

31 MAR 1926

No. in Survey held at

Annan

Date, First Survey

19.2.26

Last Survey

26.3.26

Reg. Book.

72172

on the COCHRAN BOILER N. 9729 for Stabilimento Tecnico Triestino Trieste 6/4/26 - 5/3/27 (six)

MOTOR VESSEL "HILDA"

(Number of Visits 5)

Gross 6137

Net 3826

Master

Built at Trieste

By whom built Cantieri San Rocco (S.T.T.)

When built 1927

Boilers made at Annan

By whom made Cochran & Co Annan

When made 1926

Owners Societa Anonima di Navigazione a Vapore "Lussino"

Port belonging to Lussino

VERTICAL DONKEY BOILER—

No. One

Description Cochran Type

Manufacturers of steel D. Colville & Co.

Made at Annan

By whom made Cochran & Co Annan

When made 1926

Where fixed

Stabilimento E.R.

Working pressure 100 lbs.

tested by hydraulic pressure to 200 lbs.

Date of test 26/3/26

No. of Certificate 7077

Fire grate area 478 sq ft

Description of safety valves

Spring loaded

No. of safety valves 2

Area of each 1.660 sq ft

Pressure to which they are adjusted 100 lbs

If fitted with easing gear

Yes

If steam from main boilers can enter the donkey boiler

Dia. of donkey boiler 3'0"

Length 8'3"

Material of shell plates Steel

Thickness 3/8"

Range of tensile strength 28/32

Descrip. of riveting long. seams D.R. Lap.

Dia. of rivet holes 23/32"

Whether punched or drilled drilled

Pitch of rivets 2.266"

Lap of plating 3/4"

Per centage of strength of joint

Rivets 75.8

Plates 68.1

Working pressure of shell by rules 82.8 lbs

Thickness of shell crown plates 5/16"

Length of furnace 2'6/6"

Radius of do. 3'0"

No. of Stays to do. none

Dia. of stays

Diameter of furnace Top 2'6"

Bottom 2'6"

Working pressure of furnace by rules 236.8 lbs

Thickness of furnace crown plates 1/2"

Thickness of furnace crown plates 1/2"

Thickness of uptake plates 7/16"

Thick. of water tubes 1/2"

Radius of do. 14 1/2"

Stayed by Hemisphere

Diameter of uptake 8' x 9 3/4"

Thickness of uptake plates 7/16"

Thick. of water tubes 1/2"

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