

REPORT ON BOILERS.

No. 86948

26 MAR 1931

Received at London Office

Date of writing Report

19

When handed in at Local Office

24/3/31

Port of

NEWCASTLE-ON-TYNE

No. in Survey held at
Reg. Book.

St. Peter's

Date, First Survey

28 April 1930

Last Survey

19 March 1931

ing in

on the 12 Acid Tanks for the S. S. M. V. "Aguila"

(Number of Visits)

Gross

Tons

Net

Master

Built at

Hebburn

By whom built

Hawthorn Leslie & Co. Ltd. When built 1931.

Boilers made at

St. Peter's

By whom made

Hawthorn Leslie & Co. Ltd.

When made 1931.

Owners

Anglo Saxon Petroleum Co. Ltd.

Port belonging to

The Hague.

Acid Tanks

VERTICAL DONKEY BOILER

No. 12

Description

riveted tanks

Manufacturers of steel

D. Colville & Co.

Made at

St. Peter's

By whom made

Hawthorn Leslie & Co.

When made

1931

Where fixed

In main tanks

Working pressure

80 lbs

Tested by hydraulic pressure to

1200 lbs

Date of test

18.4.30

No. of Certificate

Fire grate area

Description of safety valves

Relief valve

at main deck

Time

No. of safety valves

Area of each

Pressure to which they are adjusted

80 lbs

If fitted with easing gear

Valve

If steam from main boilers can

enter the donkey boiler

Dia. of donkey boiler

14-3"

Length

26-6 1/8"

Material of shell plates

S

Strength

29/11

Descrip. of riveting

Long. seams

T.R.D. S. S.

Dia. of rivet holes

1 1/16"

Whether punched or drilled

Drilled

Pitch of rivets

3.85"

X

Lap of plating

Per centage of strength of joint

Rivets

73.9

Working pressure of shell by rules

99.84

Thickness of shell crown plates

4/8-1"

Radius of do.

8-4 1/2"

No. of stays to do.

Dia. of stays

Diameter of furnace Top

Bottom

Thickness of furnace plates

Description of joint

Riveted

Working pressure of furnace by rules

Thickness of furnace crown

plates

Radius of do.

Stayed by

Diameter of uptake

Thickness of uptake plates

Thickness of water tubes

The foregoing is a correct description.

Manufacturer.

Dates

During progress of

work in shops

1930

April 28. May 7. 13. 16. 30. June 12. 20. July 14. 18. 30. 31. Aug 6. 11. 12. 18. Sep. 2. 3. 9. 15.

of Survey

During erection on

board vessel

1931

Oct. 7. 31. Nov. 22. 26. Mar. 19.

building

Total No. of visits

24.

Is the approved plan of ^{tanks} forwarded herewith yes.

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

The twelve acid tanks have been built under special survey & in accordance with the approved plans & have been securely riveted in position inside the main tanks on board the vessel. The Relief valves on the main discharge line have been adjusted under air pressure to 80 lbs per sq. inch. The workmanship & materials are of good quality throughout.

Survey Fee 12 @ 4-4-0 £ 50: 8

Travelling Expenses (if any) £

When applied for,

25 MAR 1931

When received,

31. 3. 1931

H. A. Ferguson

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

Committee's Minute

WED. 8 APR 1931

Assigned

See F.B. Rpt.



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