

REPORT ON BOILERS.

L.A. 11377
No.

Received at London Office

24 FEB 1947

Report 20-2 1947 When handed in at Local Office

Port of CASABLANCA

Survey held at CASABLANCA

Date, First Survey

AND

Last Survey 20 FEB 1947

the 1/2 CANE ALLAL EX CHESHIRE COAST

(Number of Visits 1) Gross 1122 Tons Net 466

Built at MIDDLESBROUGH

By whom built SIR RAYLTON DIXON & CO.

Yard No. 591

When built 1915

at MIDDLESBROUGH

By whom made RICHARDSONS, WESTGARTH & CO. LTD

Engine No.

When made 1915

at " "

By whom made

"

"

Boiler No.

When made 1915

orse Power 226

Owners UNION D'ENTREPRISES MAROCAINES Port belonging to CASABLANCA

TUBULAR BOILERS—MAIN, AUXILIARY, OR DONKEY.

ers of Steel

(Letter for Record)

ing Surface of Boilers (2) 4080 SQ. FT.

Is forced draught fitted

NO

Coal or Oil fired COAL

Description of Boilers TWO CYLINDRICAL SCOTCH BOILERS

Working Pressure 200 LB

hydraulic pressure to

Date of test

No. of Certificate

Can each boiler be worked separately YES

regate in each Boiler 60.5 SQ. FT. No. and Description of safety valves to each boiler

2 OF 3" DIA. ✓

ach set of valves per boiler { per Rule 11.9 0" as fitted 14.1 0" ✓

Pressure to which they are adjusted 200

Are they fitted with easing gear YES ✓

donkey boilers, state whether steam from main boilers can enter the donkey boiler

Distance between boilers or uptakes and bunkers or woodwork

6' 8 5'

Is oil fuel carried in the double bottom under boilers

NO ✓

Distance between shell of boiler and tank top plating

2'

Is the bottom of the boiler insulated

YES ✓

Internal dia. of boilers 14' 3 15/32"

Length 11' 9"

Shell plates: Material

STEEL

Tensile strength 29-33

1 7/64"

Are the shell plates welded or flanged

NO ✓

Description of riveting: circ. seams { end 1 1/4" DOUBLE ✓

1 1/4" TREBLE

Diameter of rivet holes in { circ. seams 1 5/16" ✓

long. seams 1 5/16"

Pitch of rivets { 3 1/2" ✓

8 3/4" ✓

of strength of circ. end seams { plate 62.5 rivets 44.2

plate 85 rivets 83 combined 86.4

Percentage of strength of circ. intermediate seam { plate rivets

of strength of longitudinal joint { plate 85 rivets 83 combined 86.4

plate 85 rivets 83 combined 86.4

Working pressure of shell by Rules 199 LB

of butt straps { outer 1 3/16" inner 1 3/32"

outer 1 3/16" inner 1 3/32"

No. and Description of Furnaces in each Boiler 3 CORRUGATED DEIGHTON

Tensile strength 26-28

Smallest outside diameter 3' 5 1/16"

plain part { top 5 3/32" bottom 5 3/32"

top 5 3/32" bottom 5 3/32"

Thickness of plates { crown 19/32" bottom 19/32"

crown 19/32" bottom 19/32"

Description of longitudinal joint

is of stiffening ring on furnace or c.c. bottom

Working pressure of furnace by Rules 209 LB

es in steam space: Material

STEEL

Tensile strength 26-30

Thickness 19/32"

Pitch of stays 17" x 21" ✓

stays secured SCREWED INTO FRONT END PLATE DOUBLE NUTS & OUTSIDE WASHERS

Working pressure by Rules 222 LB

tes: Material { front STEEL back

front STEEL back

Tensile strength { 26-30 26-30

Thickness { 3 1/32" 2 1/32"

3 1/32" 2 1/32"

h of stay tubes in nests 14 1/4" x 9 1/2"

Pitch across wide water spaces 14 1/2" ✓

Working pressure { front 158 LB back 119 LB

front 158 LB back 119 LB

o combustion chamber tops: Material

STEEL

Tensile strength 28-30

Depth and thickness of girder

(9 1/2" x 1") 2

Length as per Rule 3' 0 1/2" ✓

Distance apart 9" ✓

No. and pitch of stays

3 x 1 3/4" - 8 3/4" PITCH

Working pressure by Rules 230 LB

Combustion chamber plates: Material

STEEL

length 26-30

Thickness: Sides 1/16" ✓

Back 2 1/32" ✓

Top 1/16" ✓

Bottom 15/16" ✓

stays to ditto: Sides 8 3/4" x 8" ✓

Back 9 1/2" x 8" ✓

Top 9" x 8 3/4" ✓

Are stays fitted with nuts or riveted over NUTS IN CHAMBERS ONLY

pressure by Rules 179 LB

Front plate at bottom: Material

STEEL

Tensile strength 26-30

3 1/32" ✓

Lower back plate: Material

STEEL

Tensile strength 26-30

Thickness 15/16" ✓

stays at wide water space 14 1/2" x 8" ✓

Are stays fitted with nuts or riveted over NUTS & WASHERS ✓

Pressure 283 LB

Main stays: Material

STEEL

Tensile strength 28-32

At body of stay 3 1/2" ✓

No. of threads per inch (5) 6 ✓

Area supported by each stay 360 sq"

Over threads

pressure by Rules 301 LB

Screw stays: Material

STEEL

Tensile strength 26-30

At turned off part 13 1/4" ✓

No. of threads per inch 9 ✓

Area supported by each stay 76 sq"

Over threads

Type of Superheater	NONE	Manufacturers of	<div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 5px;">{</div> <div> Tubes Steel forgings Steel castings </div> </div>
Number of elements	Material of tubes	Internal diameter and thickness of tubes	
Material of headers	Tensile strength	Thickness	Can the superheater be shut off and the boiler be worked separately
Area of each safety valve	Are the safety valves fitted with casing gear		Working pressure as per
Rules	Pressure to which the safety valves are adjusted		Hydraulic test pressure :
tubes	forgings and castings	and after assembly in place	Are drain cocks or valves fitted to free the superheater from water where necessary

The foregoing is a correct description.

Total No. of visits

GENERAL REMARKS (State quality of workmanship, opinions as to class,

They were previously examined in their entirety and are
tested hydraulically to the W.P. Their safety valves have been adjusted
steam to 200 lb. All repairs carried out during the first examination
to the local surveyor's satisfaction.

John Guthrie
Engineer Surveyor to Lloyd's Register of Shipping.

Assigned

See F.E. mch. apt. 2

Lloyd's Register
Foundation