

No. 7265

No. in Survey held at A N N A N Date, First Survey 26. 10. 47 Last Survey 26. 2. 48
Reg. Book (Number of Visits 20) Gross

VERTICAL DONKEY BOILER—No. One Description Cochran Manufacturers of steel Colvilles Ltd.

tested by hydraulic pressure to 208 lbs./sq.in. Date of test 26-2-48 No. of Certificate 22608 Fire grate area 22 Description of safety valves double spring

enter the donkey boiler. Diameter of donkey boiler 4'9" Length 12'9" Material of shell plates S. Thickness 3/8" and 9/16"

Range of tensile strength 23,520 Description of riveting long. seams D.R. Lap Diameter of rivet holes 23/32" Whether punched or drilled drilled Pitch of rivets 2.39", 2.505" & Lap of plates 3 3/4" Per centage of strength of joint 72.9 Working pressure of shell 100

Des. 118.5 lbs Thickness of shell crushed plates 9/16" Radius of do. 4 1/8" No. of stays to do. none Diameter of stays - Diameter of sq. in. 4 1/8"

Pressure of furnace by rules $\frac{172 \text{ lbs}}{\text{sq. in.}}$ Thickness of Ogee ring $21/32"$ Working pressure of Ogee ring by rules 109 lbs/ Thickness of furnace

ates. 9/16" Thickness of tube plates

diameter of tube holes *FRONT* $1\frac{11}{16}$ " *BACK* $1\frac{11}{16}$ " *Ex.G. 123 of 126 lbs/sq.in*
Working pressure of tube plates by rule *Tubes: Material Steel*

external diameter	stay $1\frac{1}{2}"$ / 2"	thickness $2\frac{1}{16}"$ / $1\frac{1}{32}"$	No. of threads per inch	9	Pitch of Tubes	Ex.G. $2\frac{3}{4}" \times 2\frac{3}{4}"$	O.F. $3" \times 3" \times 22\frac{1}{2}"$
	plain $1\frac{1}{2}"$ / 2"	plain 10 LSG					

Working pressure by rules 215 lbs./sq.in. Manhole compensation; Size of opening in shell plate 21" x 16" Section of compensating
No. 7" x 7/8" No. of rivets and diameter of rivet holes 40 @ 23/32" 3 71"

FOR COCHRAN & CO., ANNAN, ETC. *Manufacturer*

Dates *During progress of* *work in shops* - *Drawing No.* **25961**
 3 Survey *Surveyor on regular attendance* *9/10/62*

Building	board vessel - - -		
	Total No. of Visits	20	Is the approved plan of boiler forwarded herewith Yes

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

The materials and workmanship are good.

When applied for _____ 19____

When received _____ 19____

When applied for _____ 19____

When received _____ 19____

Whipple

Committee's Minute

004799-004809-0087

Lloyd's Register
A-0087 Foundation

25 MAR 1948