

No. 62750

Received at London Office AUG 28 1941

Date of writing Report *19* When handed in at Local Office *26. 8. 1940* Port of *Glasgow*

No. in Survey held at *Annan* Date, First Survey *1940 Jan'y 18* Last Survey *22-8-1940*

Reg. Book. on the *M/V. "CAPT HAWKE"* (Number of Visits *29*) Tons { Gross *5081*  
Net *2933*

Built at *Port Glasgow* By whom built *Lithgows Ltd* Yard No. *930* When built *1940*

Boilers made at *Annan* By whom made *Leckman & Co Annan Ltd* Boiler No. *14493* When made *1940*

Owners *Ryan Shipping Company* Port belonging to *Glasgow*

VERTICAL DONKEY BOILER— No. one Description Composite Manufacturers of steel Bohrile Ltd  
Made at Annan By whom made Buchanan & Co Annan Ltd When made 1940 Where fixed \_\_\_\_\_ Working pressure 120  
tested by hydraulic pressure to 230 Date of test 22-8-40 No. of Certificate 20619 Fire grate area \_\_\_\_\_ Description of safety valves Enclosed spring  
No. of safety valves 2 Area of each 7.06 sq" Pressure to which they are adjusted \_\_\_\_\_ If fitted with easing gear yes If steam from main boilers can  
enter the donkey boiler \_\_\_\_\_ Diameter of donkey boiler 8'-0" Length 19'-3" Material of shell plates S Thickness 2 1/32 13/16  
Range of tensile strength 28-32 tons Description of riveting long. seams VR lap Diameter of rivet holes 1 1/32 Whether punched or  
drilled Pitch of rivets 3.14" 3.09" 3.29" Lap of plating 5" Per centage of strength of joint \_\_\_\_\_ Rivets 63.6 54.6 Working pressure of shell by  
rules 121 Thickness of shell crown plates 1 1/32 19/32 Radius of do. 4'-0" No. of stays to do. \_\_\_\_\_ Diameter of stays 3 \_\_\_\_\_ Diameter of  
furnace—Top \_\_\_\_\_ Bottom 7'-0" Length of furnace \_\_\_\_\_ Thickness of furnace side plates 23/32 Description of joint seamless Working  
pressure of furnace by rules 144 Thickness of Ogee ring 1 1/32 Working pressure of Ogee ring by rules 124 Thickness of furnace  
crown plates 23/32 Radius of do. 3'-6" Stayed by hemisphere Diameter of uptake 21 1/2" x 25" Thickness of uptake  
plates 9/16 Thickness of tube plates front 1 1/4" back 1 1/4" Mean pitch of stay tubes in nest 8.729 Exhaust gas inlet Pitch in outer vertical rows 5 1/4" 6 1/2"  
Diameter of tube holes FRONT stay 2 3/16 1 1/16 BACK stay 2" 1 1/2" Working pressure of tube plates by rules F 123.126 B 195.161 Tubes: Material S  
plain 2 1/16 1 1/16 plain 2" 1 1/2"  
external diameter stay 2" 1 1/2" Thickness stay 1/32 No. of threads per inch 9 Pitch of tubes 2 11/16" x 2 5/8" 3.13" x 3.25"  
plain 2" 1 1/2" Thickness plain 10 LSC Working pressure by rules 215 Manhole compensation; Size of opening in shell plate 21" x 17" Section of compensating  
ring 7 1/2" x 1 1/32 No. of rivets and diameter of rivet holes 40 @ 1 1/32 Outer row pitch at ends 4.04"

*The foregoing is a correct description,*

Ear 9x.

*Manufacturers*

Dates	{ During progress of work in shops - - } { During erection on board vessel - - } Total No. of visits.	1940 Jan'y 18 Feb'y 2, 9, 20, 28 Mar.' 8, 14, 29 Apr. 4 11, 18, 25 May 2, 9, 16, 21, 30 June 7, 13, 19, 25 July 5, 9, 11, 25, 30 Aug. 9, 15, 22	Drawing No. 25051
Survey while building			
		29	Is the approved plan of boiler forwarded herewith <i>yes</i>

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

The materials and workmanship are good.  
The boiler has been constructed under special survey.  
To the order of Messrs David Rowan & Co. Ltd and intended to be fitted with their engine No. 1037.

Heating surface - Exhaust gas 760 sq ft. - oil fired 590 sq ft.

This trailer has been satisfactorily installed in the vessel and the safety valves have been adjusted to the working pressure.

Survey Fee	...	...	£ 7	:	-	:	} When applied for.....19
Travelling Expenses (if any)	£	:	:	:	:	} When received.....19	

Shelars

*Engineer Surveyor to Lloyd's Register of Shipping.*

## Committee's Minute

*Assigned*

GLASGOW 27 AUG 1940

TRANSMIT TO LONDON-

Lloyd's Register  
Foundation

010924-010932-0117