

IS A DONKEY BOILER FITTED? *Yes* If so, is a report now forwarded? *Yes*
HYDRAULIC TESTS:—

DESCRIPTION.	DATE OF TEST.	WORKING PRESSURE.	TEST PRESSURE.	STAMPED.	REMARKS.
ENGINE CYLINDERS					
COVERS	<i>Face test 1000 Paraffin jackets 50lb hydraulic \$</i>				
JACKETS.....	<i>50lb hydraulic \$</i>				
PISTON WATER ^{oil} PASSAGES.....	<i>Pistons oil Cooled 20lb with judgeon in place.</i>				
MAIN COMPRESSORS-3rd STAGE.....	<i>2000lb paraffin \$</i>		<i>Cooler Coil 2000lb paraffin</i>		<i>(Internal air pressure)</i>
1st & 2nd	<i>450 lb hydraulic \$</i>		<i>1st Stage Cooler 150lb</i>		<i>2nd Stage 400lb hydraulic</i>
2nd ^{3rd} jackets	<i>50 lb hydraulic \$</i>				
AIR RECEIVERS-STARTING	<i>2000lb - 4 -</i>	<i>Flagston Surveyors at Harland & Wolff</i>			
INJECTION					
AIR PIPES	<i>2000lb paraffin</i>				
FUEL PIPES	<i>" "</i>				
FUEL PUMPS	<i>" "</i>				
SILENCER	<i>✓</i>				
WATER JACKET	<i>✓</i>				
SEPARATE FUEL TANKS	<i>✓</i>				

PLANS. Are approved plans forwarded herewith for shafting *also foring Certificate* Crank *Yes* Receivers *✓* Separate Tanks *✓*
(If not, state date of approval)
SPARE GEAR *Cyl head, 1 liner, 1 piston, connecting rod & main bearing bolts & nuts, Sets of piston & valves for all purposes, 1 HP air comp^d coil, Springs for all purposes & ample main spare*

The foregoing is a correct description,

For W. H. ALLEN, SONS & Co., Ltd.

W. H. Allen

Manufacturer.

Dates of Survey while building { During progress of work in shops - - }
{ During erection on board vessel - - }
Total No. of visits

Dates of Examination of principal parts—Cylinders *10.11.24 until Completion.* Covers *✓* Pistons *✓* Rods *✓* Connecting rods *✓*
Crank shaft *✓* Thrust shaft *✓* Tunnel shafts *✓* Screw shaft *✓* Propeller *✓* Stern tube *✓* Engine seatings *✓*
Engines holding down bolts *✓* Completion of pumping arrangements *✓* Engines tried under working conditions *✓*
Completion of fitting sea connections *✓* Stern tube *✓* Screw shaft and propeller *✓*
Material of crank shaft *282 TH 24.7.24* Identification Mark on Do. *327 T.H. 13.8.24* Material of thrust shaft *280 TH 22.7.24* Identification Mark on Do. *✓*
Material of ~~tunnel~~ ^{armature} shafts *Do.* Identification Marks on Do. *✓* Material of screw shafts *Do.* Identification Marks on Do. *✓*
tested at Bedford under survey
Is the flash point of the oil to be used over 150° F. *Yes*
Is this machinery duplicate of a previous case *No* If so, state name of vessel *✓*

General Remarks (State quality of workmanship, opinions as to class, &c.) *These generating sets have been constructed under special survey. The materials & workmanship are good. The Diesel engines are directly Coupled to D.C. Dynamos having multiple with interpoles. 220 volts 955 Amps 210 KW. Official test bed trials of 6 hours duration were witnessed followed by a 2 hour 10% overload trial. These trials were satisfactory in every way & there was no overheating in engine & dynamo. The sets were afterwards dismantled & forwarded to Belfast where they will be installed.*

This machinery is efficiently installed & fixed in the vessel & was tried under working conditions.

The amount of Entry Fee ... £ : : When applied for, *26 FEB 1925*
Special *2 3/4 per NHP* £ *27 : 8*
Chargeable to H.M. Customs
Donkey Boiler Fee ... £ : : When received, *23 FEB 1925*
Travelling Expenses (if any) £ *8 : 8*

Committee's Minute

Assigned

See Bel 9352



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