



IS A DONKEY BOILER FITTED?

If so, is a report now forwarded?

Is the donkey boiler intended to be used for domestic purposes only

General purpose

PLANS. Are approved plans forwarded herewith for Shafting 29/11/28 Receivers 23/3/26 21/12/28 Separate Tanks

Donkey Boilers Yes other than (If not state date of approval) General Pumping Arrangements Yes Oil Fuel Burning Arrangements

SPARE GEAR.

Has the spare gear required by the Rules been supplied

State the principal additional spare gear supplied

- One pair of crank shaft bearings of each size. One bottom end connecting rod bearing. One top end connecting rod bearing. One additional set of piston rings. One complete valve for exhaust or air inlet. One starting valve. One relief valve. Four exhaust valve seatings. One set (Four) Rocker rollers. Various Bolts, Studs, etc. One Compressor Bottom & Bearing. One Compressor Top & Bearing. 1/2 set each stage 1, 2 & 3. suction & delivery valves including seats plates & springs. Four of each plates for valves. One fuel pump plunger with bush. One each complete suction & delivery valves for water pump. Two plates & springs for water pump. One plunger with connecting rod for water. One each bearing bushes for oil pump. One each valve spindles coxes & seats for air starting & injection vessels. Piping in cut lengths for fuel & H.P. air with unions for one line. One set of important springs and joints other than fitters in valves.

The foregoing is a correct description,

Maschinenfabrik Augsburg-Nürnberg A.G.

Mr. P. Müller, Völklingen, Aachen, Germany Manufacturer.

Dates of Survey while building During progress of work in shops - 1929 Jan. 21, 29, 31 Feb. 6, 20, 22 Mar. 21, 29, 23, 27, 28 Apr. 2, 11, 16, 23, May 2, 21, 29, 23, 24, 31, June 4, 8, 20, 21, 22, 23 July 2, 3, 10, 17, 22, 27 (Bristol) 1930 - Apr 28 May 15, 19, 21, 26, 27, 29 Jun 11, 14, 16, 23, 24 Total No. of visits 33 + 12 = 45

Dates of Examination of principal parts - Cylinders 27-28/3/29 Covers 20/6/29 Pistons 8/6/29 Rods Connecting rods

Crank shaft 31/5/29 Flywheel shaft 31/5/29 Thrust shaft 26-5-30 Intermediate shafts Tube shaft

Screw shaft 15-5-30 Propeller 29-5-30 Stern tube 14-5-30 Engine seatings 12-5-30 Engines holding down bolts 26-5-30

Completion of fitting sea connections 29-5-30 Completion of pumping arrangements 11-7-30 Engines tried under working conditions 24-6-30

Crank shaft, Material S. A. Steel Identification Mark 1462 MEK Flywheel shaft, Material S. A. Steel Identification Mark

Thrust shaft, Material Steel Identification Mark 7-3-30 Intermediate shafts, Material Identification Marks

Tube shaft, Material Identification Mark Screw shaft, Material Steel Identification Mark 1461 MEK 7-3-30

Is the flash point of the oil to be used over 150° F. Yes

Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with

Is the vessel (not being an oil tanker) fitted for carrying oil as cargo If so, have the requirements of the Rules been complied with

If the notation for Ice Strengthening is desired, state whether the requirements in this respect have been complied with

Is this machinery duplicate of a previous case If so, state name of vessel

General Remarks (State quality of workmanship, opinions as to class, &c. This 41/2 Engine and its accessories have been constructed under special survey in accordance with the Society's Rules & Regulations as well as with the approved plans and instructions thereto. It has been ordered by Messrs. J. Wright of Gillingham Kent, for pilot purposes, originally intended for the m.s. Marguerite, now Gresham. The materials used in the construction are good and the workmanship is satisfactory. The air receivers are found in accordance with the approved plans and the Society's Requirements. In my opinion the vessel in which this engine may be fitted, will be eligible for the record of the M.C. with the date provided the engine and its accessories be satisfactorily fitted to board and tested under full working conditions and the spare gear be supplied as required by the Society's Rules. The cylinder jackets have been stamped for identification.

No 628 LLOYDS TEST 6 ATM. P.K. 27-28/3/29 and 2/4/29 resp. This machinery has now been fitted to a vessel on board the above named vessel according to the Rules & approved plans. It has been tested under full working conditions & found satisfactory in my opinion for record of L.M.C. 8-30

The amount of Entry Fee ... £ 4.0.0 When applied for, 16.9.1929 Special ... £ 63 8 10.9.30 Donkey Boiler Fee ... £ 2-2-0 When received, 23rd Oct. 1929 Travelling Expenses (if any) £ 2 : 0 : 18/10/30

Committee's Minute TUE. 12 AUG 1929 Assigned T. M. P. 8:30 of ... TUE. 21 OCT 1930 Lloyds Register Foundation