

COPY.

Lloyd's Register of Shipping. *658028*



Port GLASGOW.

6th May, 1946.

This is to Certify that

G. BALLARDIE,

the undersigned Surveyor to this Society did at the request of Messrs. G. & J. Weir, Ltd., Glasgow, attend at their Works on the 15th April, 1946 and subsequently for the purpose of examining and witnessing tests on 2 - 7" x 9 $\frac{1}{2}$ " x 21" Boiler Feed Pumps, manufactured by them under Job Nos. 202659, 202660, to the order of Messrs. Wallsend S. & E. Co. Ltd., - 415B, S.S. "HOPESTAR".

Satisfactory hydraulic tests of 500 pounds per square inch were made on the steam cylinders and 625 pounds per square inch on the pump ends; the following results were obtained under working conditions:-

Pump No.	Steam inlet lbs/sq.inch	Exhaust Steam lbs/sq.inch.	Disch.press. lbs/sq.inch.	Double Strokes per minute.	Capacity lbs/hour.
202659	140	5.0	250	10 $\frac{1}{2}$	3,360
	145	5.0	250	12 $\frac{1}{2}$	3,990
202660	140	5.0	250	10 $\frac{1}{2}$	3,380
	145	5.0	250	12 $\frac{1}{2}$	3,985

For purposes of identification the parts were stamped:-

LLOYD'S TEST
500 lbs/sq.inch.
G.B.
15.4.46.
on steam cylinders.

LLOYD'S TEST
625 lbs/sq.inch.
G.B.
15.4.46.
on pump ends.

Ballardie
Surveyor to Lloyd's Register.

hmc
FEE:- £ 6: -: -.

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:-

"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."