

LEEDS TO

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## Lloyd's Register of Shipping.



Port

LEEDS.

September 5th, 1946.

Messrs. Ames &amp; Smith Ltd., Order No. 9112.

Arctic

Pioneer

53830

This is to Certify that

D. R. WALSHAM

the undersigned Surveyor to this Society did at the request of

Messrs. The Universal Metallic Packing Co. Ltd., attend their Works in Bradford on the 4th September, 1946, in order to examine and test one Horizontal Two Stage, Feed Water Heater No. 722, together with Automatic Air Release, Bypass Valves, Drain Bottle, 2½" Pressure Filter No. 732 and 2½" Gravitation Filter No. 733 intended for Messrs. Ames & Smith Ltd., Engine No. 793.

Two Stage Heater.2½" Pressure Filter.2½" Gravitation Filter.

The tubes and headers of the feed water heater, the Automatic air release, the by-pass valves and pressure filter were hydraulically tested to 300 Lbs. per square inch, the body of the feed water heater and drain bottle were hydraulically tested to 150 Lbs. per square inch and the gravitation filter to 30 Lbs. per square inch, with satisfactory results.

The materials and workmanship, so far as could be seen, are considered satisfactory.

For identification purposes the parts have been marked:-

LLOYD'S TEST  
300, 150 or 30 Lbs./sq.in.  
D.R.W.  
4-9-46.

Fe: £3. 1. 0.

Ex: £3. 0.

£3. 4. 0.

Surveyor to Lloyd's Register of Shipping.

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 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."