

COPY.

17 MAR 1944

C.2869

Lloyd's Register of Shipping.



Port

BIRMINGHAM.

7th October, 1943.

This is to Certify that

F.C.LLOYD.

the undersigned Surveyor to this Society did at the request of

Messrs. Richardson Westgarth & Co. Ltd., West Hartlepool, attend at the
Wingshall Engineering Works of Messrs. John Thompson (Wolverhampton) Ltd.,
for the purpose of examining during construction and welding by the Union Melt
the undernoted Steam Drum (Starboard) which forms part of a Foster
"D" Type Boiler.

Steam Drum Reference E.W.1423.			
Internal Diameter	Length of Shell	Shell Thickness	End Thickness
3'6"	9'8"	1.5/8"	1.3/4" & 1.7/8"

The Drum was made of tested mild steel plates having an ultimate breaking
strength of between 26/30 tons per square inch for the ends and between 28/32
tons per square inch for the shell.

The Drum was examined before, during and after welding, and as far as
could be ascertained was found to be sound and free from defects.

The scantlings of the Drum and the shape and position of the welded
joints are in accordance with the approved design.

All the requirements relating to routine tests, X-ray examination, heat
treatment and hydraulic test detailed in the Society's "Requirements for Class
Welded Pressure Vessels" have been complied with.

The Drum was calibrated for distortion after annealing and found
satisfactory.

A hydraulic test of 770 lb. per square inch was applied to this drum
whilst under this test the Drum was well hammered on both sides of and
close to the welded seams without any signs of leakage being observed.

For the purpose of identification the Drum was stamped:-

E.W.1423
LLOYD'S No. 414
Hydraulic Test 770 lb. per sq. in.
W.P.480 lb. per sq. in.
F.C.L. 27/9/43.

Surveyor to Lloyd's Register of

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
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Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."