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Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

Enclosures.

16th November, 1938.

Dear Sirs,

E.

I return herewith two copies of the plan, forwarded with your letter of the 9th instant, of oil fired cylindrical boilers proposed for Messrs. Swan, Hunter & Wigham Richardson's Engine No. 1606, Yard No. 1567, and I have to inform you that this plan will be approved for a working pressure of 120 lb. per sq. inch, provided the boilers be constructed under the usual conditions of survey and testing.

The Steel Testing Surveyors should be advised regarding the tensile strength of the shell plates, viz:- 29/33 tons per sq. inch.

I have also to acknowledge the receipt of your further letter of the 9th instant, forwarding one from Messrs. Swan, Hunter & Wigham Richardson Ltd., from which it is noted that it is proposed to use two of these oil fired cylindrical boilers in conjunction with an exhaust fired La Mont boiler.

In reply to Messrs. Swan Hunter's enquiry regarding the safety valves, I have to say that where it is proposed to fit the safety valves on the oil fired boiler to deal with the evaporation of that boiler and the exhaust

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Messrs.Swan, Hunter & Wigham
Richardson Ltd., Yard No.1567.

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fired La Mont boiler, the sizes of the safety valves should be determined from the evaporation of these boilers, but in no case is the evaporation to be less than six and three pounds per square foot per hour for the oil and exhaust fired boilers respectively.

I may add that a small safety valve should also be fitted to the La Mont boiler to avoid overloading in the event of the inlet and outlet valves being closed when the boiler is in service.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,
NEWCASTLE-ON-TYNE.



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Foundation

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