

COPY.

Lloyd's Register of Shipping.

71, Fenchurch Street, E.C.3.

Enclosures.

17th March, 1938.

Dear Sirs,

Messrs. Swan, Hunter & Wigham Richardson Ltd.,  
Yard No. 1555 - The Wallsend Slipway & Eng.Co.,  
Order No. 404/933.  
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E.

I duly received your letter of the 9th instant, with plans, in duplicate, advised therein of shafting proposed by Messrs. Crossley Bros. Ltd., in connection with the above Contract.

The plans have been examined and I have to inform that with 4 SCSA oil engines for driving auxiliary machinery, having 6 cylinders, diameter 5", stroke  $6\frac{1}{4}$ ", span of bearings  $12\frac{1}{4}$ ", maximum pressure in cylinders 750 lb. per sq. inch, M.I.P. 110.6 lb. per sq. inch, B.H.P. 72, and revolutions per minute 850, the following sizes of crankshaft will be approved, viz:-

Pins.....  $3\frac{1}{4}$ " diameter.  
Journals.....  $3\frac{1}{2}$ " diameter.

The plans showing details of the crank shaft, connecting rod and air compressor crankshaft and connecting rod will also be approved.

Further, the plans of oil fuel service tank and of solid drawn air receiver for a working pressure

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Messrs. Swan, Hunter & Wigham  
Richardson Ltd., Yard No.1555.  
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of 600 lb. per sq. inch will be approved provided these components be constructed under the usual conditions of survey and testing.

One set of the plans now approved is returned herewith.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,  
MANCHESTER.



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