

**COPY**

# Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

19th September, 1946.

Dear Sirs,

s.s. "EMPIRE CONSEQUENCE"

With reference to your letter of the 12th instant and to Mr. Ferguson's subsequent discussion with Mr. Fotheringham on the question of replace boiler tubes for this vessel, I am asked to confirm the Society's opinion that the heavy deposit of scale in the tubes of the Prudhon-Capus boilers has led to overheating of the tubes and subsequent failure.

Provided the boiler water be maintained in a satisfactory condition, it is considered that a tube thickness of 0.134" will prove satisfactory in service; on the other hand, if conditions are such that scale is deposited in the tubes, a thickness of 0.197" would not materially increase the life of the tubes.

It is thought well to point out that the feed water treatment is just as important in Prudhon-Capus boilers as in other types of water tube boilers and accordingly it is strongly recommended that Owners should make suitable arrangements for conditioning and maintaining the boiler water in a satisfactory condition, so as to prevent the deposit of scale.

Yours faithfully,

Clerk to the  
Classification Committee

The Shipping & Coal Co. Ltd.  
37-38, Fenchurch Street,  
London, E.C.3.



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