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Lloyd's Register of Shipping,

71, Fenchurch Street, E.C. 3.

4th August, 1935.

Dear Sirs,

I am in receipt of your letter of the 1st instant enclosing one from Messrs. Metropolitan Vickers Electrical Co.Ld., regarding independent fusing of alarm circuits for the exhaust turbo-electric propulsion scheme for the steamer "CITY OF VENICE", and have to say that the Firm's remarks are noted.

The circumstances now described make it clear that the alarm circuit cables are adequately protected in accordance with the Rules and subject to a satisfactory test on the fuses, described below, the arrangement shown on the plan will be approved, provided the remaining requirements of the Rules for Electric Fittings be complied with.

I have to add that it is not usual practice to connect fuses in field circuits and as the circuit will be highly inductive it is considered necessary to demonstrate that the fusible cut outs will satisfactorily rupture the circuit. A test should therefore be carried out with the field circuit connected to the fuses, the latter being mounted exactly as they will be in service, and run for one hour at normal load in order to heat up the fuse holders. A loading circuit should be connected in parallel with the field winding

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"CITY OF VENICE"

and at the end of the hour the load should be increased until a fuse blows. The fusing test should be made three times using the same holder at intervals not exceeding 5 minutes.

As this is essentially an electrical test Mr.R.C.Clayton, the Electrical Surveyor at Liverpool, is being instructed to attend and I shall be glad if you will make the necessary arrangements with him in the matter.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,

MANCHESTER.



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