

s.s. "CONTE ROSSO".

Safety valves for Loeffler Boiler.

IT IS SUBMITTED the Trieste Surveyors be informed the plan showing details of typical safety valve merits approval for a steam pressure of 140 Kgs. per sq. cm.

In considering the aggregate area for the escape of steam to be provided for this boiler, which has a steam capacity of 20 tons per hour at 475°C., these valves have been regarded as being equivalent to the improved high lift type, and accordingly it appears the aggregate area should not be less than 50% of that required by the Rule formula.

This would require 4 valves of the size indicated on the plan.

It is realised, however, that the Rule formula may not be applicable to safety valves operating at such high pressures and, should the Firm consider that two valves of the type and size proposed are sufficient, the Surveyors should ask them to state in detail their experience, in the light of which the matter could be further considered.

In any case, it should be understood that final approval will be dependent upon the Surveyors finding that the valves operate satisfactorily under working conditions and fulfil the requirements of Section 21, Clause 6, of the Rules for Engines and Boilers.

The Surveyors should be asked to state fully the material used in the construction of the various parts of this safety valve.

MF

[Handwritten signatures]

18.10.35.

Ludwig 18/10/35



© 2018

Lloyd's Register
Foundation