

Messrs.Fredriksstad mek.Verksted.

Yard No.287.

Steamer "VIVA".

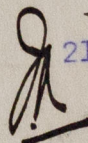
IT IS SUBMITTED the Oslo Surveyors be informed that their remarks regarding the sizes of the safety valves of these boilers are noted.

With reference to the sketch No.40171 of the safety valves forwarded with their letter, it should be pointed out that whilst the diameter of the valves is 100 mm., the lift is restricted to 12 mm. and the minimum area through the annular spaces is therefore $7,530 \text{ mm}^2$ as against $15,708 \text{ mm}^2$ through the valves.

Since the valves appear to be of the high lift type, the area through the annular spaces, viz $7,530 \text{ mm}^2$, meets the requirements of the Rules for these boilers, and the valves could be accepted in this instance.

It should be pointed out that to describe the proposed valves as being 100 mm. diameter is misleading, since due to the restricted lift of the valves, the area is considerably curtailed. The Surveyors should therefore be requested to forward to this Office plans showing complete details of the safety valves and to draw the Maker's attention to the above mentioned restriction in area.

Retain plan.


21.6.38.



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