

P. Smet Jr no 475.

Steel Screw Tug "EBRO".

Rot. Rpt. 20163

Dijkers High Lift Safety Valves.

The Rotterdam Surveyors were advised on the 26th March 1925 that the Makers' formula for determining the required size of safety valve could not be accepted in lieu of the formulae embodied in the Rules.

It was pointed out, however, that in the case of certain high lift safety valves, approval had been given for a reduction of the aggregate sectional area of the valves to two-thirds of that specified by the Rules for the ordinary type of safety valves, and also to the cross-sectional area of the waste steam pipe and passages leading to it being 1.1 times the combined area of the actual safety valves, provided that during the steam tests specified in the Rules the accumulation of pressure does not exceed 10% of the working pressure.

The Rotterdam Surveyors now state that the steam tests specified in the Rules have been made in this case with satisfactory results.

The aggregate area of the safety valves as fitted is 88% of the Rule area, as against 66.6% permissible for high lift valves of approved type.

It is submitted that the safety valves fitted in this vessel might be accepted in this instance.

It should, however, be pointed out that in each case the Surveyors should assure themselves that the conditions of acceptance of the valves in question have been fully complied with, and they should report the results of the steam accumulation tests.

G. H. M.

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