

Air Mail.

Shipbuilders. Messrs.

Yard No.

Engineers. Messrs.

S.S. "Esso El Salvador"

Engine No.

ex "Avila"Propane Storage Tanks.

~~It is submitted~~ In accordance with the Society's Rules the scantlings of the cylindrical shells for the above tanks are suitable for a working pressure of 273 lb/in². The Owners now state their experience shows that, with some variations in the composition of the gas carried in these tanks, it is desirable to adjust the relief valves to 300 lb/in² instead of 250 lb/in².

Based on boiler practice of allowing the safety valve to be set 3% above the approved working pressure, the relief valves for the above system could be set at 281 lb/in² i.e. the setting proposed by the Firm is 19 lb/in² in excess of this pressure.

It is considered that the Firm's proposal to adjust the relief valves to 300 lb/in² could be accepted in this instance.

It is submitted the New York Surveyors be informed that the contents of this letter are noted and it is considered that in this instance the relief valves in the system could be set at 300 lb/in².[†] In future cases, however, it is considered that the scantlings of similar pressure vessels should be in accordance with the Society's Rules and the relief valves should be set at not more than 3% above the designed working pressure of the vessel.

[†] in order to provide a liberal margin above the maximum working pressure

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