

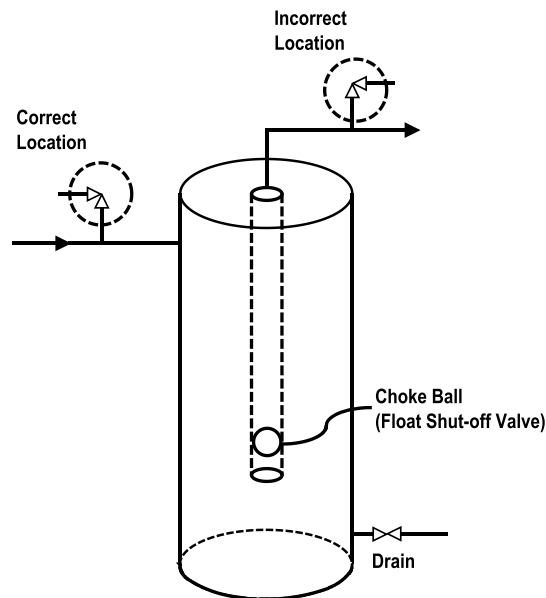
ALERT

Loss of Overpressure Protection for Fuel Gas Scrubbers

ABSA has been made aware that some fuel gas scrubbers have an internal choke ball (float shut-off valve) that closes off the outlet line if the liquids get too high in the vessel. In many installations, the pressure relief valve (PRV) is installed on the gas outlet line of the fuel gas scrubber. The choke ball could isolate the PRV from the equipment being protected. We have also been advised that there is no way of telling, externally, if a vessel has a choke ball installed.

An owner of pressure equipment is responsible to ensure that all pressure equipment is protected against overpressure in accordance with section 38 of the Pressure Equipment Safety Regulation.

Owners must check their installations of fuel gas scrubbers and, they must ensure that the relieving path of the PRV cannot be blocked. If the owner does not have verification that a fuel gas scrubber installation does not have a choke valve, this could involve moving the PRV to the upstream side of the fuel gas scrubber.



Schematic Fuel Gas Scrubber PRV locations

Schematic showing a fuel gas scrubber with a choke ball (float shut-off) valve and PRV location

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