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## ***SAFETY CIRCULAR***

***05<sup>th</sup> Feb 2019***

TO: Fleet

### **SUBJECT: SECONDARY VENTING REQUIREMENTS / INERT GAS PRESSURE SENSOR ALARM LIMITS**

This Circular is a guideline to ensure compliance with Secondary venting requirements.

Pressure sensors are fitted in each tank protected by the primary venting arrangement with a monitoring system in the cargo control room. Such monitoring equipment shall also provide an alarm facility which is activated by detection of over-pressure or under-pressure conditions within a tank.

In the case of inerted vessels, where pressure sensors are provided as the means of secondary protection, the alarm settings for the pressure sensors must be set to actuate when the tank pressure reaches 10% greater than the normal actuation settings of the pressure valves themselves. In the case of the low-pressure settings, the pressure in a tank should never be permitted to fall below zero and the pressure sensors should be set to alarm above zero.

In the case of non-inerted vessels if pressure sensors are provided, the over-pressure setting should be set to alarm at 10% greater than the normal actuation settings of the pressure valves, and at a vacuum 10% greater than the normal actuation settings of the vacuum valves.

Note :

- Ensure that the IG sensors are properly calibrated as per manufacturer's instructions
- Ensure that the alarms are always switched on.
- Ensure the alarms are set to the correct level

Kindly discuss this Circular during the next Management meeting on board.

**QHSE**  
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