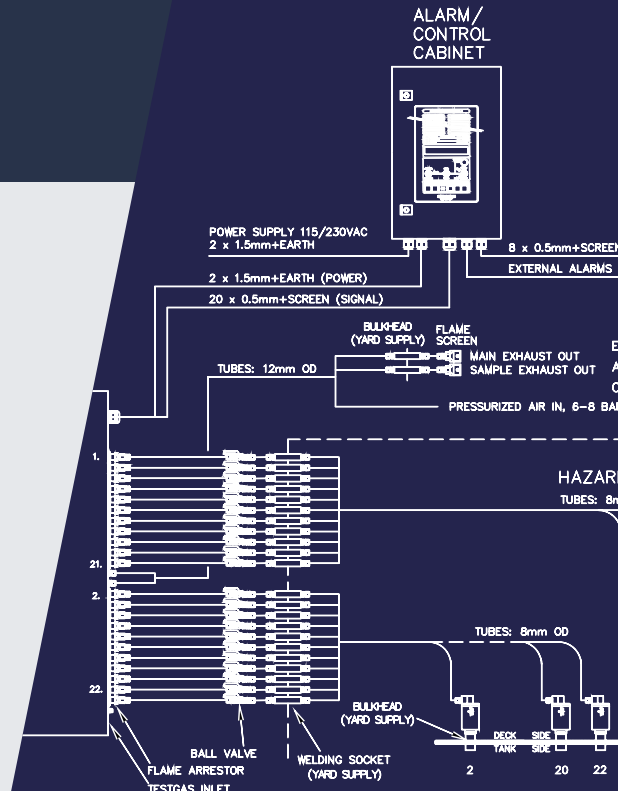


Gas detection systems

KEEP YOUR CREW SAFE WITH H₂S AND LEL GAS DETECTION

Platform supply vessels with chemical bulk capabilities are, according to the NMA circular RSV 23-2020, required to have installed H₂S and LEL gas detection systems that alert the crew in case of on board gas leakages. We deliver the whole scope from system design to commissioning and testing - tailored to meet the needs of your vessels.



The updated NMA regulations require PV valves on cargo tanks, which restricts the selection of gas detection technology. Our solution is to install a gas sampling system with a monitoring cabinet and a detector cabinet connecting each cargo tank by sampling pipes via non-return valves. This is a safe and cost efficient solution with limited operational disruption.

Scope of delivery

- System design and engineering
- Hardware supply
- Welding of cabinet, cable and pipe support
- Cable and pneumatic pipe installation
- Termination
- Commissioning and testing
- Tailor made solutions for specific vessel needs

System hardware

- Alarm and sampling cabinets
- Alarm panel
- Flow controller
- Solenoid valves
- No-return valves
- Shut off valve
- Air sampling pipes
- Calibration and test kit
- Modbus ext. signal interface

System features

- Multiple gas analysis
- Infrared hydrocarbon sensor with 1-100% LEL
- H₂S 0-50 ppm scale
- Automatic and sequential purging
- Ex Zone 1 design

Options

- Remote alarm panel
- Remote alarm units (LED and sounder)