

Independent High Level Alarm Panel

Introduction

The ISS Projects Independent High Level Alarm panel is a fail safe system designed to protect against tank over fills. The panel is designed and built by ISS to BS EN 61511 and it can be tailored to any specific requirements.

Once installed and commissioned by ISS Projects Engineers the alarm panel can form part of a Safety Integrity Level (SIL) 2 Safety Instrumented System (SIS).

System description

Each tank is fitted with a vibrating fork or capacitance level switch.

The panel is a standard IP66 enclosure housing all the control electronics.

Each tank is clearly identified and has its own high intensity LED and test switch providing the means for an end to end test.

An alarm is indicated by the red LED for the relevant tank and a panel/remote sounder which can be muted.

A system power LED is also fitted to the panel.

Features

- Pump and valve control for each tank is a standard feature of the panel.
- The panel can be monitored by an ISS Tank in Touch gauge.
- An option to connect to a Remote Telemetry Unit (RTU) for SMS or email alerts.
- The panel can either be located in a hazardous area using a flameproof box or mounted in a safe area with intrinsically safe outputs.

