EnPro

ODI – Direct Injection Odouriser

The EnPro ODI odouriser has been developed to offer a base system that can easily be expanded with options depending on the level of control and reporting required.

The basic system offers the following:-

- PLC based controller
- Pump panel
- Odourant Vessel
- Pipeline dispersion probe

The PLC based controller specification:-

I/O signals

- 24 VDC – Supply
- analogue or digital flow signal from pipeline flow meter
- Ethernet conn (DCS ; SCADA etc)
- Input signal from pipeline flowmeter. Analogue or Digital
- Pipeline flow and odourant output comparator c/w deviation alarm
- SCADA or DCS controls and signals - alarm, control adjustments.
- Automatic back-up (swap solenoid valve control signal)

Pump panel:

- CA - Calbration Tube (optional)
- Bellows injection pump
- Odourant flowmeter
- IP66 controller enclosure. Powder coated steel.
- Solenoid valve with Ex 'd' solenoid valve coil
- Filter regulator
- 24 VDC system

Odourant storage vessel:-

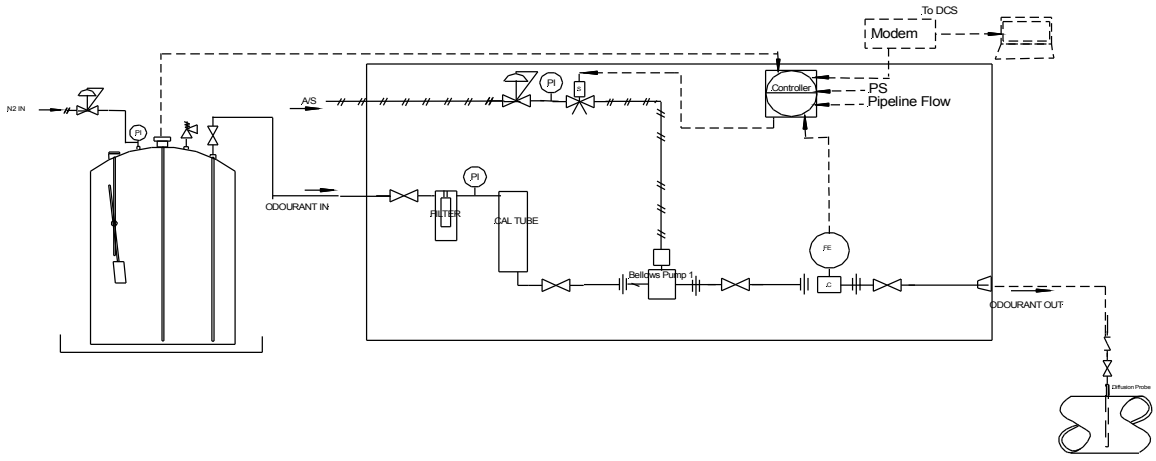
- Relief Valve
- Pressure gauge
- Mechanical level gauge
- QC hose connections
- TFE braided hoses
- constructed to AS 1210.

Pipeline Dispersion probe:-

- Allows even odourant dispersion relative to gas flow. This allows for the pump output to be limited thus extending pump life and reliability

Options:

- Temperature compensation.
- Redundancy, separate control line for switch-over.
- Modem for computer interface RS232 – adjustment and history logs retrieval.
- Alarm event;
- Ex'd' or Ex'e'



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