SPILL DETECTION SYSTEM AT ENGINE MANUFACTURING PLANT

SECTOR
Manufacturing.

APPLICATION
Monitoring drains to detect spillages that lead to pollution, fines and loss of reputation.

CUSTOMER
Engine manufacturer, UK.

INSTALLATION DATE

PROBLEM
During the testing phase of engines, spillages of diesel and other harmful substances can happen. After previous pollution events the company decided to implement a detection system to prevent this from happening.

PRODUCT
MS1000, upgraded to MS1100, 4-20mA output + modification that allows air to be drawn from the drain as sampling of water was not possible.

INSTALLATION FACTS
The system was installed after a heavy fine was issued for breaching emission limits. The system draws air into the analyser from the drain with a fan.

The instrument is used to drive an audible alarm and warning light as well as implementing an automatic fuel shut off in the event of a leak being detected.

A picture of the unit installed in the manufacturing plant