

# Spill Detection System at Engine Manufacturing Plant

## APPLICATION

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

## CUSTOMER

Engine manufacturer, UK.

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

## WHY MULTISENSOR?

The customer had implemented an alternative system which proved ineffective after high costs of installation. Multisensor was able to use the existing infrastructure and work closely with the customer to produce a reliable implementation.

## 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.

*Learn more on the new oil in water monitor and analyser by clicking on the image*



**A picture of the unit installed in the manufacturing plant.**