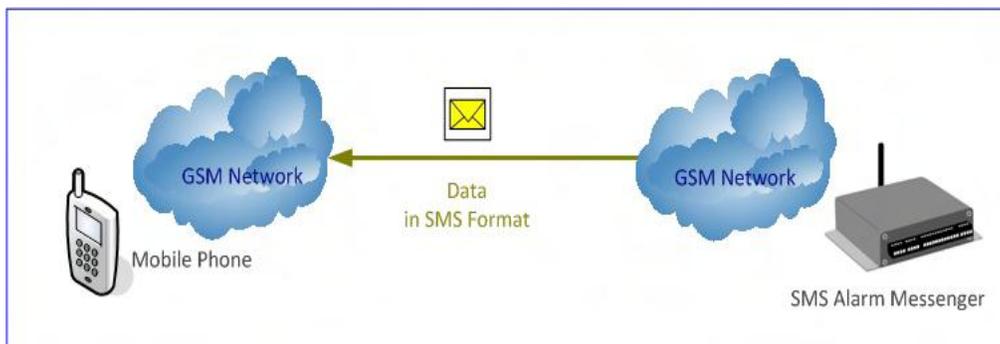


PDM® GSM Alarm

The latest in Predictive Maintenance....



Monitor your equipment, wherever you are with the affordable and flexible PDM® Sensor.

The PDM® Sensor can be programmed to send an alarm via text message to up to 10 individual mobile phones when a pre-defined parameter is reached.

This system offers end users the latest in 'Predictive' maintenance as the sensor will send an alarm prior to the final recommended pressure is reached. This

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enables the end user to schedule a maintenance call and thereby eliminates any possible loss of system integrity and resultant downtime.

Utilising the latest microprocessor technology coupled with state of the art GSM engineering the PDM® Sensor provides the most economical solution for remote telemetry.

The PDM® Sensor makes remote monitoring simple and affordable, wherever your location, wherever your equipment is, whatever your industry.

Case Study

Customer: ASDF Pharma. Ltd. Carrigtwohill, Co.Cork.

In February of last year, a PDM Sensor to measure differential pressure was fitted to a Donaldson® Torit Dust Extraction Unit containing 24 no. dust extraction cartridges.

The installation did not interfere with production as there are no intrusive works required to fit the unit. The annual PM schedule on this unit is normally carried out the 2nd or 3rd Week of July.

In April of this year, Calcium Chloride CaCl_2 a highly deliquescent compound was added to the existing formula and increased the moisture content in the dust being extracted to the filter unit.

The result was an unexpected and premature rise in differential pressure across the dust extraction unit.

In this instance the PDM Sensor had been pre-set for 250Pa below the recommended change out pressure. Once this pre-set differential pressure was reached, The PDM immediately sent out an alarm to notify both MultiFilter and the designated Site Engineers that the dust cartridges would need to be changed a lot sooner than the expected PM July schedule

The cartridges were changed out on Saturday the 7th of May when the differential pressure that morning was reading 100Pa short of the maximum recommended final pressure drop.

Production was not interrupted and there was no loss of filter integrity or breach of emission levels.