



Level Measurement at Europe's Most Modern Animal Feed Mill.

Pulsar Measurement has shown the versatility of their non-contacting, ultrasonic level measurement equipment at Fane Valley Feeds. Solids and liquid measurements range from grain to molasses to diesel. While the transducer choice varies with the range of the measurement the Blackbox controllers remain constant and interchangeable, making life easier for maintenance and installation staff alike.

The new mill has a compounding capacity of around 300,000 tonnes (330,693 US tons) per annum, a significant proportion of the 2,000,000 tonne (2,204,622 US ton) total animal feed production in Northern Ireland.

Pulsar's equipment has given Fane Valley Feeds a number of benefits: increasing efficiency of refill and restocking

procedures, providing overflow protection on liquid materials, and giving important data on levels and usage of fuel around the site. On the main grain silos, holding wheat, maize, and barley, Pulsar has installed dB25 transducers using 'aiming kits' to make sure that the equipment measures right down to the bottom of the silo. Signals from the Blackbox controller are loaded into the PLC on site, so staff have an immediate, visual indication of silo contents. This provides important re-ordering information to avoid expensive and inconvenient raw material shortages. On the liquid raw material vessels, materials including palm oil and molasses are measured. Local indication of level provides vehicle drivers with the indication they need to make sure they don't overfill, and diesel tanks are measured to both provide refill information and to monitor usage of this important resource around the site.

Mr William McAusland, Fane Valley's Mill Construction Project Manager, said 'We designed this new facility to resolve the capacity limitations of the old mill, to meet



"We designed this new facility to resolve the capacity limitations of the old mill, to meet the latest feed quality and environmental requirements, and reduce production costs, including our energy consumption. This meant installing the best equipment available. We have been delighted with Pulsar's support, from project specification, through delivery, installation, and commissioning. The accuracy and reliability of the equipment has allowed us to make significant efficiency improvements both in production and vehicle usage"

William McAusland, Project Manager, Fane Valley Mill

the latest feed quality and environmental requirements, and reduce production costs, including our energy consumption. This meant installing the best equipment available. We have been delighted with Pulsar's support, from project specification, through delivery, installation, and commissioning. The accuracy and reliability of the equipment has allowed us to make significant efficiency improvements both in production and vehicle usage'.

More Information

Blackbox 130: <https://pulsarmeasurement.com/Blackbox.html>



Featured Products



dB Transducer Aiming Kit



Blackbox 130 Controller



dB10 Transducer



INFO@PULSARMEASUREMENT.COM

Pulsar Measurement is a trading name of Pulsar Process Measurement, Ltd.

*Copyright © 2020 Pulsar Measurement
Registered Address: 1 Chamberlain Square CS, Birmingham B3 3AX
Registered No.: 3345604 England & Wales*

Delivering the Measure of Possibility

United States

11451 Belcher Road South
Largo, FL 33773

+1 888-473-9546

Canada

16456 Sixsmith Drive
Long Sault, Ont. K0C 1P0

+1 855-300-9151

United Kingdom

Cardinal Building, Enigma
Commercial Centre
Sandy's Road, Malvern WR14 1JJ

+44 (0) 1684 891371

Rev 1.0