

Flogas solves drying problem for Animal Feeds Company



Grain Drying Case Study

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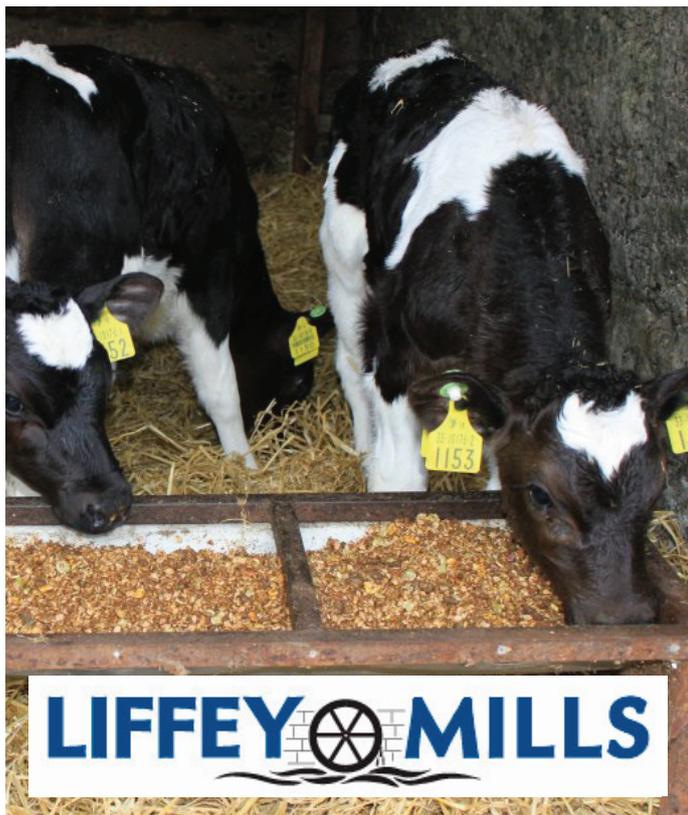
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The Liffey Mills Animal Feeds Challenge

Liffey Mills Animal Feeds is one of the largest agricultural merchants in Ireland with plants in Offaly, Louth, Kildare and Tipperary. It specialises in the manufacture of animal feedstuffs and grain drying is a major part of the company's business.

Liffey Mills wanted to explore the option of using LP Gas as an alternative fuel to oil for its grain drying operation in Shinrone, Co. Offaly. Aside from the financial savings that would accrue from using LP Gas, the company was also interested in its clean-burning nature due to the reduced sulphur and carbon emissions.

The grain drying season is from August to October depending on the weather, so the season is short but extremely intensive and the dryers operate 24/7 during this period. Any downtime could result in grain backlogs and huge financial losses so a reliable source of energy and equipment was critical.



The Flogas Solution

Brian Murphy, Flogas Technical Services Engineer and Flogas Area Representative Donal Moran met with Pat Ryan, Managing Director of Liffey Mills and Stephen Mounsey, Maintenance Manager to discuss the project and make recommendations.

Flogas proposed the replacement of the existing oil burners with Weishaupt gas burners and the installation of 3 x 4 tonne LP Gas tanks to service their gas requirements. Weishaupt is one of the world's market leaders in gas, oil and dual fuel burners. It has extensive experience in the grain drying industry and the reliability of their burners was well-known. Its Irish agent, MA Services in Kilkenny, recommended three Weishaupt Monarch WM-20s, which are equipped with digital combustion management and full modulation to ensure optimum efficiency and load matching.

Once agreement was reached, the gas burners were ordered by Liffey Mills while Flogas designed and arranged the installation of the necessary gas pipework. At the same time, Flogas also converted their Drummond Seeds facility at Townrath outside Drogheda from oil to LP Gas.

Brian Murphy said, "Our goal was to improve efficiency, reduce emissions and generate substantial financial savings for Liffey Mills without compromising the reliability of the system. The project was straightforward from a technical point of view and the installation was completed on time and on budget without any major hitches occurring."

The project was completed in time for the grain drying season in 2012 and everything went very smoothly. Pat Ryan said, "Our goal in changing from Oil to LP Gas with Flogas is to enhance food safety while at the same time carrying out our Drying Process in a more cost efficient manner."

As an energy solutions specialist, Flogas can design and implement a complete turnkey solution for your business, whatever its size so why not avail of our no-obligation free survey? We'll analyse your existing energy costs and outline the benefits and savings you'll enjoy by converting to Flogas LP Gas.

