

# Project Profile

## Significant Quality Air Testing upgrade project



Dairy Crest is the leading British Dairy company processing and selling fresh milk and dairy products in the UK and Europe. The company's performance is driven by a strong portfolio of brands created from its rich and varied history. Nuneaton is their National Distribution Centre distributing food products throughout UK and also houses a cheese maturation store and packing facility for their Cathedral City and Davidstow brands.

*"The adi Healy Compressor Services team has done an excellent job. They have significantly improved our operating efficiency, with a better quality of compressed air provided, meaning less breakdowns and a better process. Also the energy savings will provide a project payback within two years. A superb return on our investment."*

**Dale Blunt, Engineering Manager, Dairy Crest**

adi Healy Compressor Services provides:

- Self-delivery model that utilises adi employed engineers
- One stop shop for compressors, compressed air systems, parts and service
- Comprehensive consultancy, design and installation service

### Get in touch:

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### The Opportunity

Dairy Crest uses atmospheric air compressors on its packing and processing lines in Nuneaton to operate hygienic blade paddles which move the cheese around. The business is growing and their two existing compressors were undersized for the tasks they need to perform. In 2014, adi Healy Compressor Services were invited to tender to provide a solution, being a recognised leader in compressor specification and Quality Air Testing.

### The Solution

The work included the installation of data-logging equipment to gauge the system demand, then installing two flow meters to calculate air flows to optimise energy consumption and provide the necessary payback savings

Two new air compressors were specified and installed, giving twice the capacity of the customer's current equipment.

These compressors were installed in a new compressor house, with the previous second floor facility being made redundant. This configuration means that all future maintenance activities will also be far easier to achieve.

The work commenced in March 2015, with the new facility being trialled from August and final commissioning taking place in November. The project also involved the installation of a state of the art controller which enables the site services team to monitor the system from a remote location. The design and installation was in conjunction with other adi Group businesses, specifically adi Mechanical (for pipework) and adi Electrical (for electrical services). The project concluded with a five year service and maintenance proposal.

### The Benefits

- Open and honest working partnership developed.
- Impressive approach to problem solving and risk reduction based on superior technical knowledge.
- Prepared to go above and beyond to provide great customer service.
- One point of contact to manage all adi Group businesses and associated supply chain