



Client: Pfizer

Project: Upgrade of water chemical-treating systems

Background

Pfizer is one of the world's leading research based global pharmaceutical companies, specialising in prescription medicines and some of the world's best known consumer products.

Requirement

Pfizer wanted to improve the efficiency and control of its cooling and water boiler systems at its plant in Loughbeg, Cork. Minimising plant downtime was critical to ensure that system integrity was not impacted.

Our response

HFL and water treatment specialist, Nalco, worked together through an alliance agreement to upgrade Pfizer's existing water chemical-treating systems for its four boilers and cooling towers across the plant. Nalco's 3D TRASAR technology was installed on all cooling systems, to monitor and control the chemical dosing and operational parameters for each system and webmasters were used on the boiler system. HFL centralised the data sources from the 3D TRASAR units and webmasters allowing all information to be collated, monitored and controlled from a central position enabling greater control and efficiency of resources. Information from both systems is collated in a special web-enabled data collection hub, which converts the data in to a clear graphical form viewed using a web browser. The system also allows for remote monitoring of the boiler system, meaning adjustments to water treatment chemicals can be made on an ongoing basis.

Result

"Pfizer is now able to monitor and control chemical dosing levels around the plant with greater accuracy and improved efficiency. This will result in significant long term cost savings.

We now have much greater control over chemical levels in the plant, which will result in significant long term energy and cost savings."

Nalco

“ This project is the latest in a series of high profile jobs that HFL has worked on in Ireland, in conjunction with Nalco. We are increasingly making a name for ourselves in the country.”

Ian Dunkley
Engineering Director
Haden Freeman Limited

