

Case study 221

Temporary shutdown requires boiler

By temporarily shutting down an industrial facility, companies can preserve or update parts of their site without taking all production streams offline. This practice is becoming more and more common in the manufacturing sector and ensures maintenance can be carried out during an assigned period without affecting operations on a broad scale.

A leading global chemicals firm based in Glamorgan planned a short-term mothballing of their site but needed an alternative heat source because the plant in question is typically fuelled by steam. Our solution was to use a plate exchanger and air handling unit to take maintain a temperature of 80°C, this had to be kept constant in order for the procedure to work effectively. A 100kW boiler, 150kW Air Handler and temporary heat exchanger was installed in case the temperature needed to be increased at any point.

Having done work for the client on previous occasions, we knew that this hire package would be more than adequate once implemented. However, due to an initial lack of funding, the project had to be put on hold due to extensive building work and general alterations to the application.

By installing the equipment as described, we were able to guarantee that if temperatures ever fell below the 80°C degree mark, the presence of our boiler would immediately rectify the issue. As with earlier projects, the customer was very satisfied with our recommendation.



Nominal heating duty 100kW
Power supply 230V 1ph 50Hz Run 10A
Plug type BS4343 16A
Noise level 45dBA @ 10 metres
Weight 1,230kg
Dimensions (mm) 2200 x 1550 x 2400
Fuel type Gas oil/natural gas
Max fuel consumption 12.5 l/h
LPHW connections 25mm (2") storz coupling
DHW connections 25mm (2") storz coupling
Natural gas connections 0.75" BSP coupling



HIRE SALES SERVICE INSTALL

0800 211 611

andrews-sykes.com