Case study 209

Temporary Boiler for Public Services

Doncaster council's mechanical engineering services team are replacing all ageing and coal fired boilers in public buildings. During this replacement project council engineers must ensure that heating and hot water services within buildings are maintained. Guaranteeing these services remain intact whilst at the same time removing the heat source can create complications. The Andrews Boilers technical team were called in to provide a solution that could be used on this project yet could also be implemented for future projects.

Andrews Boilers initially provided heat and hot water for a care home. It was decided a 100 kW boiler be set up close to the existing boiler house. The unit included a gas burner system to ensure natural gas could be utilised to keep overheads to a minimum. This boiler was connected to their existing flow and return pipework, and valved BSP T connections. Once commissioned our boiler provided a bypass system, allowing their existing fixed units to be decommissioned and replaced without any interruption to services within the building.The equipment was delivered and sited late Friday afternoon to avoid the comings and goings of outpatients and visitors. The units were then installed and commissioned on the Monday morning, again before the building became heavily populated.

The interesting thing about this project is that Andrews Boilers were able to demonstrate to the client how we can deliver a bespoke solution that maintained critical services to a care industry sector, without disruption, within a tight budget and within schedule. This project impressed the client so much, that even before the equipment had been removed from the site we were called to survey and price two projects for primary schools for installation and commission early in February 2014.

The client was very happy with our recommendation, solution and installation. Keeping this project on schedule and issue free has resulted in the next two scheduled projects being offered to Andrews Sykes and the client was impressed with the professional and courteous manner in which the job was completed.

Power supply 230 V 1 ph N+E 50 Hz Run 8 A
Noise level (max) 45 dBA @ 10 metres
Weight 980 kg
Dimension 2,030 x 1,310 x 1,780 mm
Fuel consumption 12.5 ltrs/hr
Fuel type Gas Oil
Plug type BS4343 16 A

ANDREWS BOILERS

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