Prefabricated Boiler Modules

New boilers were to be installed in an existing building as the existing ones were coming to the end of their economic life. Prefabricated boiler modules were chosen due to the available floor space in the boiler house and the constraints of the building. Access was via a single door and floor space for fabrication and assembly was extremely tight. The logistics of bringing materials in and out of the building would have been very time consuming. The modules were constructed off site, painted, flushed and tested in the factory. These were then split down, shrink wrapped for delivery and reassembly on site.

Benefits

- Each boiler module has a small foot print; 620w x 750d x 1850h consisting of a boiler, primary LPHW flow & return mains and gas header with interconnecting pipes and boiler shunt pump
- Header and pump assembly designed such that it could be easily broken down and reassembled.
- Significantly reduces the element of hot work
- Boiler modules could be easily manoeuvred
- Improved speed of installation
- Good ‘clean’ quality installation
- Less on site ancillary plant required such as welding sets, screwing machines etc.
- Cost Effective

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