Forterra, Measham

With a requirement to increase production from Measham H2 beyond 95 million bricks per year a new process was required to support output at this level.

The current limitations of the production facility were constrained by the drying plant after the kiln in the production process. The client's proposal to overcome this issue was to install a Clayton Steam generating plant producing 99.5% dry saturated steam at the mixer on the DeBoer which essentially reduces the water input required to the materials and therefore reducing the drying cycle time of the bricks.

During a planned shutdown period for essential maintenance of the plant, we supplied, installed, tested and commissioned the new steam generating plant and associated pipework/equipment serving the production lines.

At a cost of many of thousands of pounds per week in lost production it was essential that the installation was completed in the time scale allocated and that any issues or defects where inspected and completed daily so that handover was achieved with a fully working installation free of defects.

To achieve this, our experienced engineers carefully planned daily activities and inspections with the client to ensure all health, safety and quality issues were monitored and signed off in accordance with our integrated management system ISO: 9001 and OHSAS 1800.

Mechanical Installation

- Clayton Steam Boiler
- Electrical Wiring and Controls
- Steam Pipework
- Gas Pipework
- Thermal Insulation
- Ventilation
- Testing and Commissioning.

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Client
Forterra (formerly, Hanson Brick)

Project
Brick Plant Steam Generator

Value
£162K

Services
Installation of new Steam Generator, Pipework and Controls