



engenium

smart project delivery

Demonstrated Capabilities

- Ability to modify designs quickly to overcome changes in vendor item supply.
- Working with a client's multi-discipline team.
- Delivering work on Brownfield sites.
- Integrating with the client site based teams for project delivery.

Coke Sampling Baghouse Engineering Design, Equipment Specification, Commissioning

Client

Blue Scope Steel

Project Location

Port Kembla, Illawara, New South Wales

Scope

Engenium was responsible for concept to detailed design and as well as equipment specification of a dust extraction system on a Greenfields plant. Engenium also completed commissioning.

Business Objective

The client required adequate duct collection on a new coke sampling station.

Challenges to Overcome

This was considered a standard engagement, with only minor challenges relating to ducting configuration and system pressure balancing without the need for balance dampers.

Smarts

Detailed modelling was conducted on the ducting system to ensure fan selection was adequate and pressure balancing was achievable.

Project Outcome

The project was successful in achieving the stated requirements for functionality, plant performance, project delivery time and cost. The project was undertaken in a brownfields environment within a continuous manufacturing plant. The commissioning and plant restart process was highly effective leading to plant restart with high reliability and efficiency. This was achieved through close integration of the design and drafting teams with the site operations and commissioning teams.

Want To Know More?

For more information please contact our Newcastle office on +61 (0)2 4940 4100, email info@engenium.com.au, or visit our website engenium.com.au.

Delivering Value. Delivering Results.