



Overview

As part of the maintenance regime of a chemical plant designated a Major Hazard Facility, a vessel inspection indicated structural corrosion behind refractory brick. To enable further detailed inspection, removal of existing brick 'windows' was required, both internal and external.

Vecta were engaged to deliver an end-to-end solution from scope delivery, design, inspection, the additive dosing system project end-to-end.

Scope

The scope of work included the following:

- Detail design
- Structural drawings
- Material specification
- Site works
- Inspection and reporting

Challenges

Lack of existing vessel construction information, meant that all materials had to be designed. These materials included refractory bricks, mortar, and structural steelwork. Testing of existing materials was also required to confirm nil presence of hazardous substances.

Solutions

End-to-end control of the process ensured that the design component was effected in a lean and efficient manner, with reporting back to the client aligning with milestone intervals.

Our in-house subject experts were able to source the required materials expeditiously, ensure time-critical durations were achieved.

Outcomes

Our Client was able to ensure their legislative obligations were satisfied by the completion of these works in the designated timeframe. With the responsibility and accountability matrix determined prior to commencement of works, smooth work flow process and methodology was implemented to achieve the desired of outcomes.

Want to Know More?

For more information, please contact our office on +61 (03) 9326 9384, email info@vectagroup.com.au, or visit our website vectagroup.com.au