



C&D ACCESS

Case Study – Alumina Storage Silo, SIMEC Power SUF

Alumina Storage Silo

Inspection

Engineering

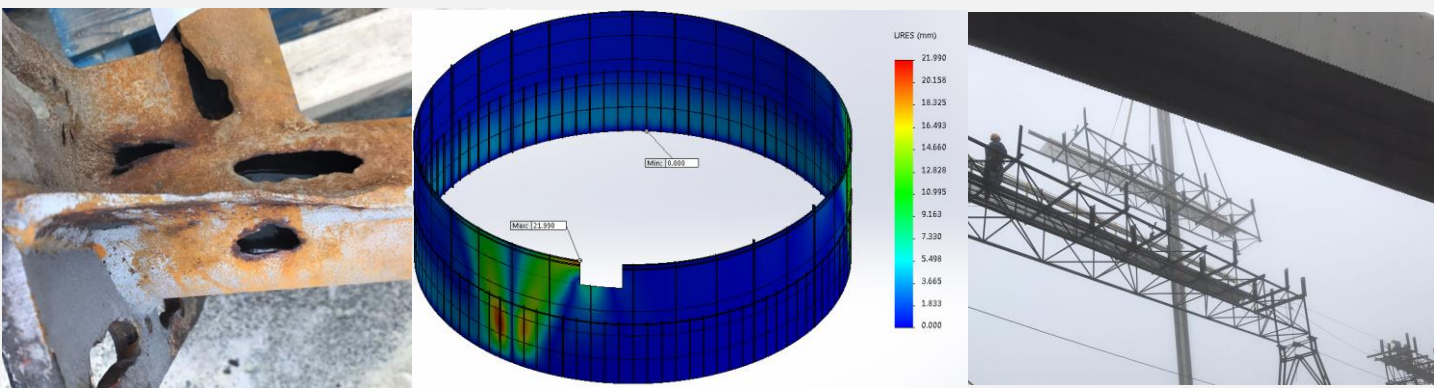
Deconstruction

Repair

Servicing

Coating

Commissioning



Inspection

Internal and external visual inspection, NDT on welds, UTT, dimensional control and ground investigation carried out to assess buckling failure on alumina storage silo structure.

Engineering

FEA carried out as per original design. Local analysis for evaluating repair method. Deconstruction of overhead structures and unloading of silo to mitigate further structural damage.

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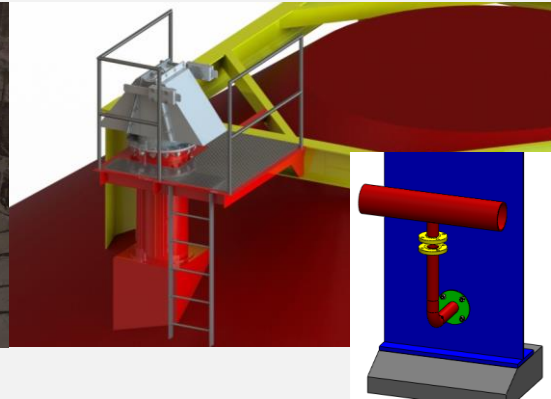
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Repair

Structure repair performed by combining different mean of access, including Rope Access, MEWP, cranes and scaffolding.

Servicing

Carry out major overhaul on operating systems of storage silo reducing the dead stock to design level. Coating system applied suitable for marine environment,

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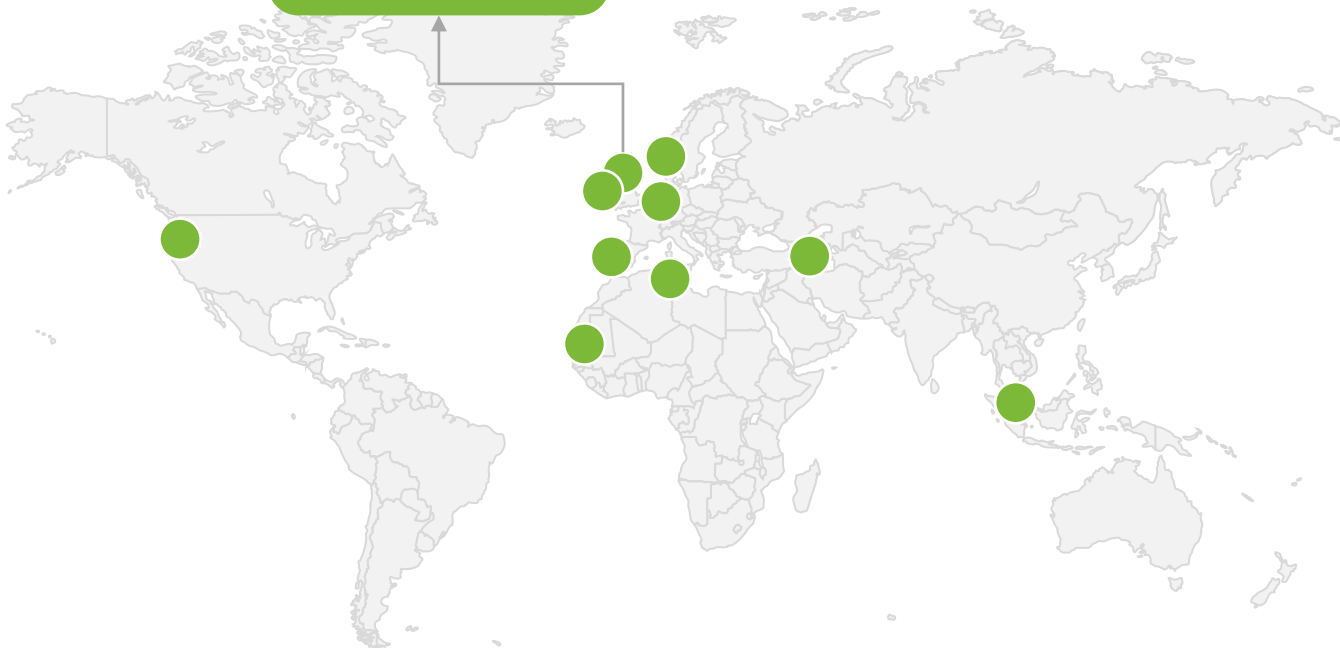
Commissioning

Fully operational alumina storage silo delivered to Client within quality specification, cost and time schedule.

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Offer one stop solution for all your projects, including inspection, engineering, repair, fabric maintenance and commissioning.

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