

CASE STUDY



DGC
DE GOEY CONTRACTORS

GPC Shiploader Telechute Fabrication

Client Gladstone Ports Corporation

Project type Fabrication, machining,
surface treatment,
wear lining & assembly



RG Tanna Coal Terminal,
Gladstone

**Project
duration**
(months)

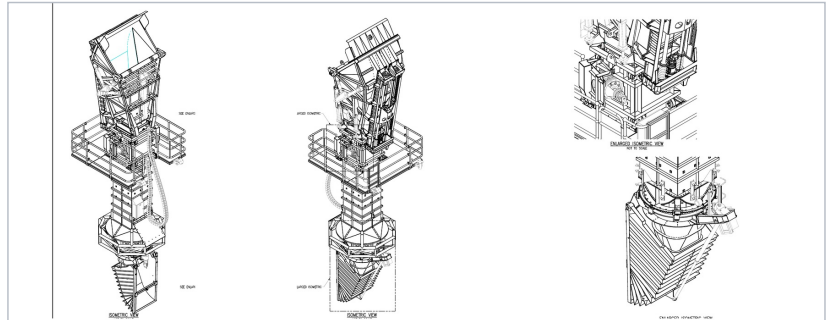
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**Estimated
project
value**

\$1M

Scope of works

- Project planning, procurement and technical-query control.
- Full structural-steel fabrication across all chute assemblies.
- Precision machining of pins, shafts and bearing interfaces.
- Mechanical fit-up and staged trial assembly.
- Alumina tile and stainless/duplex wear-liner installation.
- Abrasive blast and protective coating to GPC specifications.
- ITP, NDT, MDR and red-line drawing documentation.
- Transport preparation and delivery to RG Tanna.



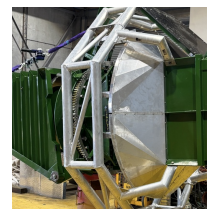
Engineering, fabrication & precision machining

- ✓ Fabricated the structural assembly from GPC's standardised drawing package with material traceability and technical-query control.
- ✓ Precision-machined mechanical components and completed staged ITP and NDT hold points.



Trial assembly & mechanical fit-up

- ✓ Assembled the lobsterback, upper and lower chutes, trimmer, spoon, platform and interfaces.
- ✓ Verified pivot, sliding and rolling joints, alignment and principal-supplied equipment interfaces.



Wear protection, coatings & delivery

- ✓ Installed alumina and stainless/duplex liners, then applied GPC System B coatings in G14 Moss Green.
- ✓ Completed MDR and red-line records and prepared assemblies for delivery to RG Tanna Coal Terminal.

