DEMEX
Demolition | Civil | Remediation

DEMOLITION
INDUSTRIAL
WESTERN AUSTRALIA

PLANT DISMANTLE & RELOCATION (WA)

JAN 2024
CONFIDENTIAL CLIENT
$1.5 M

DEMEX was engaged as principal contractor to dismantle and relocate a waste processing plant located in an industrial precinct in the outer suburbs of Perth. The plant was housed in a large 2,500m^2 industrial shed, which was to remain in situ once all plant items were removed. The site remained operational during the dismantling before the plant was transported approximately 4,300 kilometres by road across country to Southeast Queensland. The plant was reconstructed in the new location by DEMEX under an amended design.

The team delivered phase one of the project a week ahead of schedule, successfully dismantling and recycling 100 percent of plant items. No safety incidents were recorded during the project and approximately 30 percent of project value was spent with local contractors and labour.

PROJECT CHALLENGES

- The plant was comprised of 100 separate items, however, limited availability of engineering drawings needed to be addressed before dismantling could commence. Without accurate drawings for all items, there was potential that construction issues would emerge during reassembly.
- The new site was located over 4,300 kilometres from the original site, a factor which presented challenges in terms of transport options to avoid damage to plant items on route.

PROJECT SOLUTIONS

The limited available drawings were supplemented through purchase of drawings from the original builder and inhouse engineering. This allowed a complete package of engineering drawings to be assembled and each item to be labelled, numbered, and coded to facilitate safe transport and accurate reassembly.

Due to the logistics and distance involved in relocation of the plant from WA to Queensland, the team worked methodically to calculate the optimal distribution and placement of items on transport vehicles and in the two 40 foot shipping containers used for all ancillary items. All items were transported by road on escorted wide loads and road trains.