

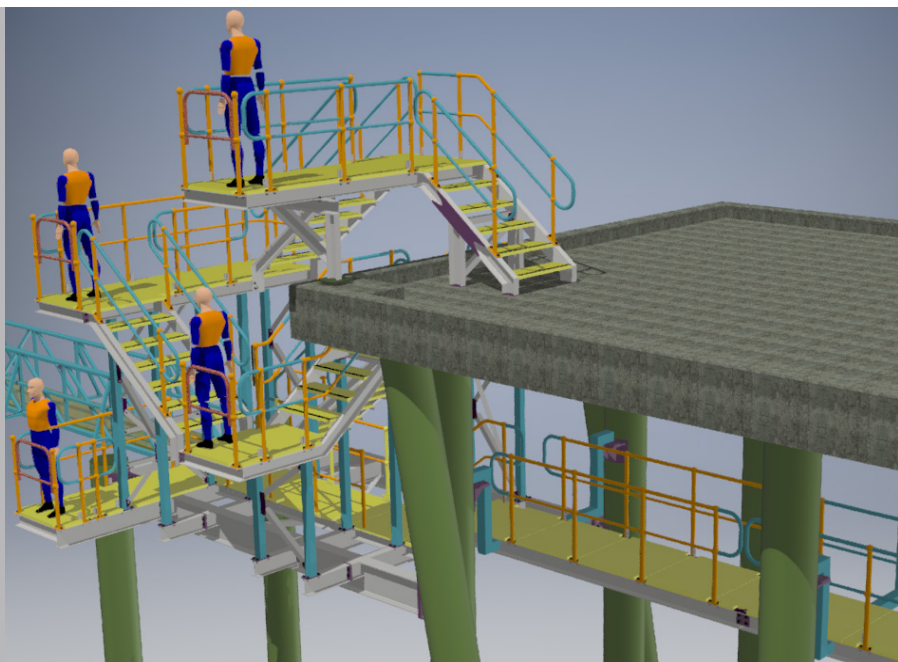


Utilities & Infrastructure



WHARF UPGRADE AND REPLACEMENT CONVEYOR DESIGN

PEA were engaged to complete a condition assessment of a sand barge unloading area, including an Australian Standards compliance audit.



Following initial feasibility studies, PEA also completed detailed design of the vessel unloading sand conveyor and dolphin access walkways. In addition, PEA designed a new vessel access system which allows for safe access on and off the vessels by considering the height of the tides and the changing freeboard during unloading.

Services and outcomes delivered:

- Condition assessment and inspection of existing conveyor and access system
- Options study
- Structural design of vessel access system
- Mechanical and structural design of sand conveyor
- Detailed drafting and fabrication drawing set

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