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Piling Rigs - Access, Egress and Maintenance

This good practice has been shared by Balfour Beatty Ground Engineering (BBGE). Access, egress and a safer system for carrying out maintenance tasks on piling rigs has long been a safety issue. A fabrication company was engaged to retro fit the fleet to the following requirements:

- Access and egress to the cab while on the back of the transport.
- Working at height while maintenance was carried out.
- Re fuelling equipment.
- Associated risks from the use of ladders.



Technical Considerations:



- Designed to be strong and robust to stand up to the rigors of a construction site.
- Equipped with all round hand rails and toe boards.
- Walkways should be quick and simple to set up and have the ability for the steps to retract once the piling rig was set to work.
- The platform had to afford 3 point of contact to the user and the ability to completely fold away for transportation on the highway.

BBGE have extended the walkway platform installation program to include Crane fleet, bringing additional benefits in terms of rigging / de-rigging from a solid platform.