



Utilities & Infrastructure



PRACTICAL[®]
ENGINEERING

SEQWATER WIVENHOE DAM RADIAL GATE WINCH CODE ASSESSMENT

Practical Engineering were engaged by Seqwater to undertake the 25 yearly mechanical and electrical certification of the Radial Gate Winches at Wivenhoe Dam.



The project involved engineering assessment of the mechanical, hydraulic and electrical systems for the ten winches, including back-up hydraulic systems.

Practical Engineering's in-house engineers, fitters and riggers developed Lift Plans and Works methodologies to ensure safety of dam critical infrastructure and personnel to facilitate works to be completed through on and off site activities.

Services and outcomes delivered:

- 25 year certification of the ten winches
- Maintenance Methodology
- Electrical Assessment Report
- Hydraulic Assessment Report
- Non-destructive testing of critical components
- Commissioning

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