

Reference Project

Energy

Industrial Coatings: Wheao Hydro Power Station

Location Wheao Hydro Power Station

Date 2000 and 2005

Client Trustpower NZ

Abseil Access Ltd were chosen to provide a coatings and corrosion survey and repairs of the interior steel surface of the twin penstocks. The penstocks drop 170m down a steep slope to feed the main turbines.

Due to operational requirements, the project had to be completed within a 5 day period during turbine overhaul.

All corrosion sites were marked and recorded as well as adhesion and DFT testing of the existing coating. Work began immediately on the corrosion sites with power tools working to ST2. All sites had 2 coats of high build epoxy applied following an Altex specification.

Projects like this involving confined space, working at heights, poor ventilation, power tools and epoxy paints present a unique combination of problems and hazards.

