



Geothermal Plant Cleaning

Contact Energy

Contact is New Zealand's largest producer of geothermal electricity operating five geothermal power stations located in central North Island.

Charley Beagle is responsible for maintaining a wide range of highly specialised plant, turbines, pipeline and general infrastructure at Contact Energy.

A regular challenge is conducting annual shuts to perform essential maintenance on generating equipment. Every hour of downtime comes with significant opportunity cost so planning and reliability is critical.

Unlike other types of blasting, Aquamax's low-flow water jetting allows much of the work to be completed in-situ, reducing the requirement to move heavy rotors and gear outside the turbine house.

Health and safety management is of utmost importance. In addition to observing good practice, Aquamax operators are keen to work with plant supervisors to initiate improvements.

Customer Outcomes

- ▼ All deposits removed and contained
- ▼ Much of the work conducted indoors and in-situ
- ▼ Plant downtime minimised
- ▼ Superior process without damage to equipment
- ▼ Reliable, professional and safety conscious team

We've used Aquamax for 15 years on our annual shuts. I continue to be impressed with their project planning, health and safety management and the quality work delivered for us.

Charley Beagle
Asset Manager
Contact Energy



Cleaning deposits from blading



Cleaning paint & corrosion from pipework