



Name:	Cascade & Orchard Hills WTP Upgrade Projects	Client:	Sydney Water
Owner:	Sydney Water	Site Location:	Cascade & Orchard Hills Water Treatment Plants, NSW
Value at Completion:	Approx. \$1,250,000	Year Completed:	2009

Project Description: ODG was employed by Sydney Water to design, manufacture, install and fully commission new switchboards for the Cascade & Orchard Hills Water Treatment Plants. The switchboards were manufactured utilising the B&R Signature Series modular, type tested switchboard system for internal SCAs and custom manufactured stainless steel switchboards for external SCAs & PLPs.

- Technical Highlights:**
- Design of SLDs, Schematics, General Arrangement drawings and Enclosure Layout drawings
 - 15 x SCAs (Motor Control Centres)
 - 23 x PLP Control Panels (PLC Panels)
 - Manufacture of Remote Metering Panel, RTU Cabinets, Pump Starter Panels etc.
 - Factory Acceptance Testing & Commissioning

Personnel: Switchboard Manager: Brett Dunning
Project Designer: Neil McLeod

Special Project Achievements The SCAs and PLP Control Panels were manufactured and Factory Tested to strict Sydney Water standards and procedures with no nonconformances or failures.

PROJECT PROFILE

Quality Standards AS/NZS 3000, AS/NZS 3439.1
Applicable

Specific OH & S Requirements Form 3b Segregation, IP2X Protection.

Referees:	Seng Yeoh	Fred Reid
	Project Engineer	Project Manager
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