



Name:	Clarence Valley Sewage Treatment Upgrade Project	Client:	Haslin Constructions
Owner:	Clarence Valley Council	Site Location:	Grafton, Nth Grafton, Clarenza & Woodford Island, NSW
Value at Completion:	Approx. \$1,150,000	Year Completed:	2009

Project Description: The Motor Control Centres were manufactured utilising the B&R Signature Series modular, type tested switchboard system to IP55 & Form 4A segregation. The PLC Panels and Sludge Pontoon SCAs were custom manufactured from either 2mm zinc seal mild steel or 3mm Marine Grade Aluminium in our sheetmetal facility. The works for Woodford Island were undertaken on a design and construct basis and included all design and SLD, Schematic and Termination drawings.

- Technical Highlights:**
- Design and CAD drawing of General Arrangements, Layouts, SLDs,
 - Schematic & Termination Drawings
 - Manufacture of 10 x Motor Control Centres (SCAs)
 - Manufacture of 5 x Auto Control Panels (PLC Control Panels)
 - Manufacture of DBs, Sludge Pontoon SCAs, FTP Panels, Generator
 - Connection Boxes & Power Factor Correction Panels
 - Factory Acceptance Testing & Commissioning

Personnel: Switchboard Manager: Brett Dunning
Project Designer: Paul Dent

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PROJECT PROFILE

Special Project Achievements The project was delivered to schedule and within budget to an extremely high standard of quality.

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

Specific OH & S Requirements IP2X Touch Protection, Type 2 Co-ordinated Starters, Form 4A

Referees:	Selby Dutailis	Tom Blow
	Project Manager	Project Officer
	Haslin Constructions	Dept. of Commerce
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