



Name:	Dalrymple Bay Coal Terminal Sample Plant Motor Control Centre	Client:	Quality Handling Systems Pty Ltd
Owner:	Dalrymple Bay Coal Terminal	Site Location:	Dalrymple Bay, QLD
Value at Completion:	Approx. \$141,000	Year Completed:	2008

Project Description: The switchboard was custom manufactured to IP65 from 2mm 316 grade stainless steel with a polished N4 finish and mounted on custom manufactured 316 grade stainless steel channel plinth. The space available for the MCC restricted the height, width and length of the MCC and therefore the design & layout was critical to successfully accommodate the 2 VSD motor starters, 12 DOL motor starters, MCCB feeders, PLC system and UPS backup supplies.

- Technical Highlights:**
- Custom manufactured 316 grade Stainless Steel IP65 enclosure
 - Removable Stainless Steel Weatherhood
 - Form 2 DOL & VSD motor starters c/w DeviceNet communications
 - Control Logix PLC System c/w HMI Panel, DeviceNet & Ethernet
 - UPS System c/w Extended Batteries, Bypass switching & Line Filter
 - Factory Testing, On site installation and re-assembly, Site Testing

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

Special Project Due to restricted space available for the MCC on site the design was critical to be able to

PROJECT PROFILE

Achievements adequately house the required equipment and be able to maintain adequate ventilation and cooling for VSDs, PLC & UPS Equipment

Quality Standards AS/NZS 3000, AS/NZS 3439.1

Applicable

Specific OH & S Requirements IP2X Touch Protection

Referees:	Peter Taylor	Peter Skoljarev
	Project Manager	Project Supervisor
	Quality Handling Systems Pty Ltd	Quality Handling Systems Pty Ltd
	Ph: 02 9756 1921	Ph: 02 9756 1921

ELECTRICAL &
COMMUNICATIONS
ENGINEERING

G O'DONNELL GRIFFIN
EXPERTISE • COMMITMENT • RESULTS



Global-Mark.com.au®
OHS Management - AS 4801
Quality Management - ISO 9001
Environmental Management - ISO14001

odg.com.au | info@odg.com.au | 1300 100 ODG

NORFOLK 
INTEGRATED ENGINEERING