



DANIEL SMITH INDUSTRIES LTD

Job Profile

Crane and lifting Services
Mt Stuart Wind Farm – Milton / Otago, NZ



Client Crane / lifting services: Pioneer Generation
Client / Contact Representative: Peter Mulvihill
Subcontract Value: not disclosed
Project Manager: Daniel Smith
Site Crane Manager: Mike Hannan
Contract Period: 5 Sept. 2011 to 12 October 2011

General Description.

Daniel Smith Industries supplied crane lifting services for the construction / erection of 9 no. Gamesa G52 850KW wind turbines at Mount Stuart Wind Farm in Milton, Otago, New Zealand.

Gamesa G52 850KW turbines were erected in components being:

Blades (assembled)	11.0 ton lifted to 44.0 metres
Nacelle	25.0 ton lifted to 44.0 metres
Top tower section	21.0 ton lifted to 19.0 metres
Base tower section	22.0 ton lifted to 0.0 metres

Programme:

Daniel Smith Industries were employed as crane / lifting services consultants during the project planning stages (July 2011) through to contract commencement in 5 September 2011.

- Turbine erection / lifting contract was completed 5 September 2011 to 12 October 2011.
- DSI best performance was erecting 2 no. turbines in 6 days and with weather hold ups the 9 no. G52 turbines were erected over a 6 week period.



DSI Equipment Resources Supplied to Contract:

Unload components at Turbine Sites:

- Tadano GT800 80-ton truck crane.
- Grove YB7722 22-ton pick and carry crane.

Onsite lifting of towers, blades, hubs and the erection of wind turbines on site

- Manitowoc M12000 110-ton crawler crane.
- Tadano GT800 80-ton truck crane.
- Grove YB7722 22-ton pick and carry crane.

Health / Safety and Environmental:

DSI completed contract with zero lost time injury or incident, and zero environmental issues. The Pioneer Generation, Mount Stuart Farm Contract was completed safely, on time and at the tendered price, without variations and to the clients and project engineers' specification / expectations.

This was achieved because Daniel Smith Industries supplied quality / modern equipment, utilised well planned construction methods and employed a team of 'can do' capable and safe personnel.

