



# DANIEL SMITH INDUSTRIES LTD

## JOB PROFILE

### Manihiki Island (Cook Islands) Cyclone Shelter, Housing, Power Generation Project

<b>Client:</b>	Island Council of Manihiki Te Pae Roa Ngake e Tukao and NZ Government Overseas Development Agency
<b>Design:</b>	AC Consulting Group, Wellington
<b>Main Contractor:</b>	Mainworks, Auckland
<b>Contract value:</b>	NZ \$5.1 million
<b>DSI Subcontract value:</b>	NZ \$400,000.00
<b>Project Manager:</b>	Peter Gregan (Daniel Smith Industries)
<b>Contract Period:</b>	October 1998 to June 1999

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Daniel Smith Industries subcontracted to Mainworks to provide equipment resources for construction of a new cyclone shelter headquarters, 115 no. new housing units and a power generation (diesel/electric) plant on the remote Manihiki Island after it was devastated by 'Cyclone Martin' in November 1997.

Daniel Smith Industries chartered ship 'Tokalau' ex Auckland and transported to site excavator, concrete truck, concrete batching plant, gravel screening operation, compressor and rock drilling equipment, small tools, generation plant, transportation barge and materials. The scope of work consisted of manufacturing 1,000m<sup>3</sup> high grade 40mpa concrete, excavation and laying of 25km power and phone cables, and construction of building foundations for 115 micro shelters.

Because Manihiki Island is a group of small islands around a lagoon the barge was used to transport excavator, concrete truck and building components between the islands. Also, as there is no port at Manihiki all equipment and materials were transferred from ship to barge and beach unloaded on the various islands.

