



1 Skellerup distribution centre in action. 2 Front facade of the new Wigram facility. 3 Moulding hall under construction. 4 Aerial view of the project construction.

PROJECT VIKING

Beca for Skellerup Holdings

Project Location: Christchurch



Skellerup Industries (Skellerup) is a world leader in the design and manufacture of food grade dairy rubberware including liners and tubing for customers throughout the world. The 2010/2011 Canterbury earthquakes meant a new home had to be found for their 200-staffed Christchurch business, and Skellerup was delighted to secure an outstanding location at Wigram. The decision to rebuild in New Zealand was based on a reputation built over 100 years of high-quality, innovative and dependable product solutions, and this became a key driver for Skellerup's Project Viking.

Project Viking saw the relocation from Woolston of 78 years of manufacturing operations spread over two separate sites and 18 buildings, into a single building with room for growth into the coming decades. Most of the existing manufacturing equipment was included in this move, and intensive preparation went into the planning of the move itself by the Skellerup project team to enable production to continue with uninterrupted supply to customers.

Considerable complexity existed within the previous 78-year-old Woolston site, requiring significant untangling of multiple manufacturing process streams and associated infrastructure into a streamlined purpose-built facility. Beca was brought on board to help form up Project Viking and to provide expertise in the preliminary design and procurement of civil and building works suitable for an Industrial facility, including water supply and drainage, people and traffic flows, hazardous goods management, and resource consenting. Calder Stewart Industries contracted for the design and build of the new building, starting construction in late 2014. Inovo Projects joined the team leading the integration of manufacturing plant with building construction sequencing and scheduling in order to achieve the uninterrupted supply objective. Of ultimate concern to Skellerup was the need to maintain continuity of supply to customers throughout the transition phase of moving production from Woolston to Wigram. Careful scheduling as well as the creation and maintenance of a detailed BIM model proved invaluable in providing the surety of outcome needed in a carefully orchestrated move. A large part of the success of Project Viking was the bringing together of the differing expertise of all four parties in a Best-for-Project approach. Without the skillsets that each party brought, Project Viking would not have been the success it is today.

Judging & Copyright Statement

This project is an entrant in the 2016 INNOVATE NZ Awards of Excellence competition. The winners will be celebrated at our Awards Gala Dinner on Saturday, 12th August 2017 in Taupo.

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