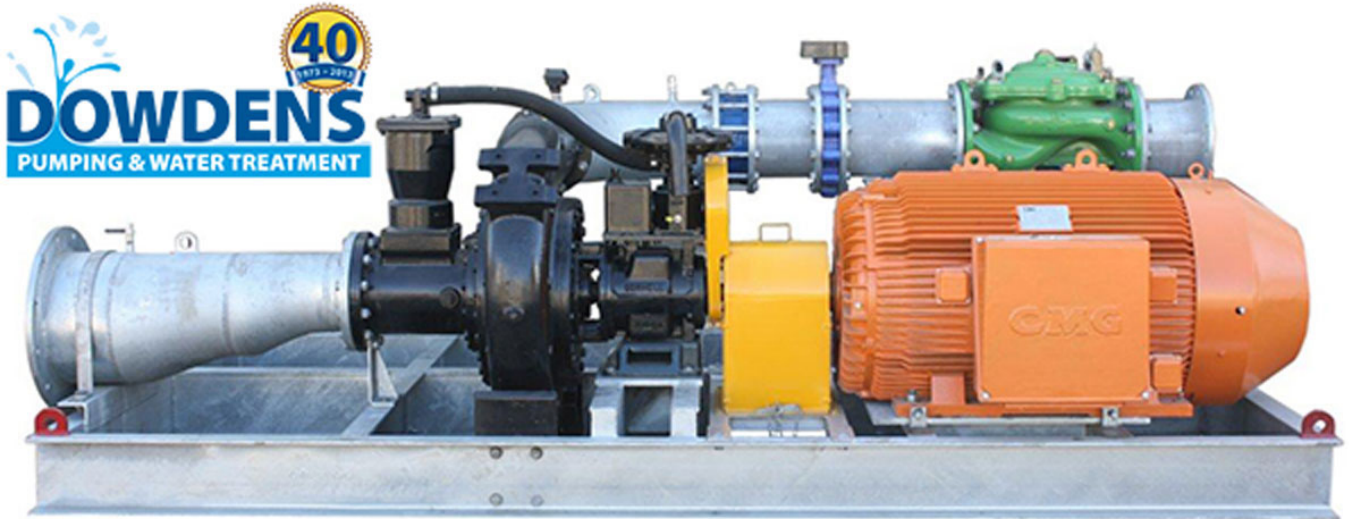




Burton Coal Mine Widening Project

Customer: THIESS Australia

Location: Burton, QLD

Case Study ID: CS-77

Date: February 2013

Overview

Dowdens Pumping and Water Treatment have successfully installed and commissioned an innovative dewatering pumps water management system for THIESS Australia at their Burton Coal Mine (located 150km South-West of Mackay).

The Problem

THEISS Australia required the supply of 5 electric dewatering pumps with S/S Impellers and a pumpset to be mounted on a common galvanized base frame with sustaining valve for their Burton Coal Mine.

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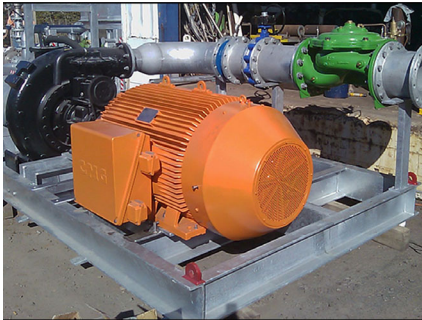
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Our Solution

Dowdens Pumping and Water Treatment installed soft start electric controls built to site specs and mounted on the pump set base frame. The pumps used were all dewatering pumps and have self-priming capabilities for ease of use. The pumping flow rates ranging from 300L – 40L/sec and have 36m of suction pipe with strainers.

Key Components

- Cornell and TKL Hydro Titan wet ends
- CMG 415v mine spec motors ranging from 450kW down to 22kW
- All motors supplied with four pole speed
- Bermad Control Valves
- Electric controls consist of soft starters, push-button start with flow switch protection to stop, all fitted within a mine spec cabinet

Brands used in this project



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