



500 TONNE CRUSHING PLANT USING STUDIO 5000 AND POWERFLEX DRIVES

PROJECT FACT FILE

Project: Moree Quarries Plant Upgrade

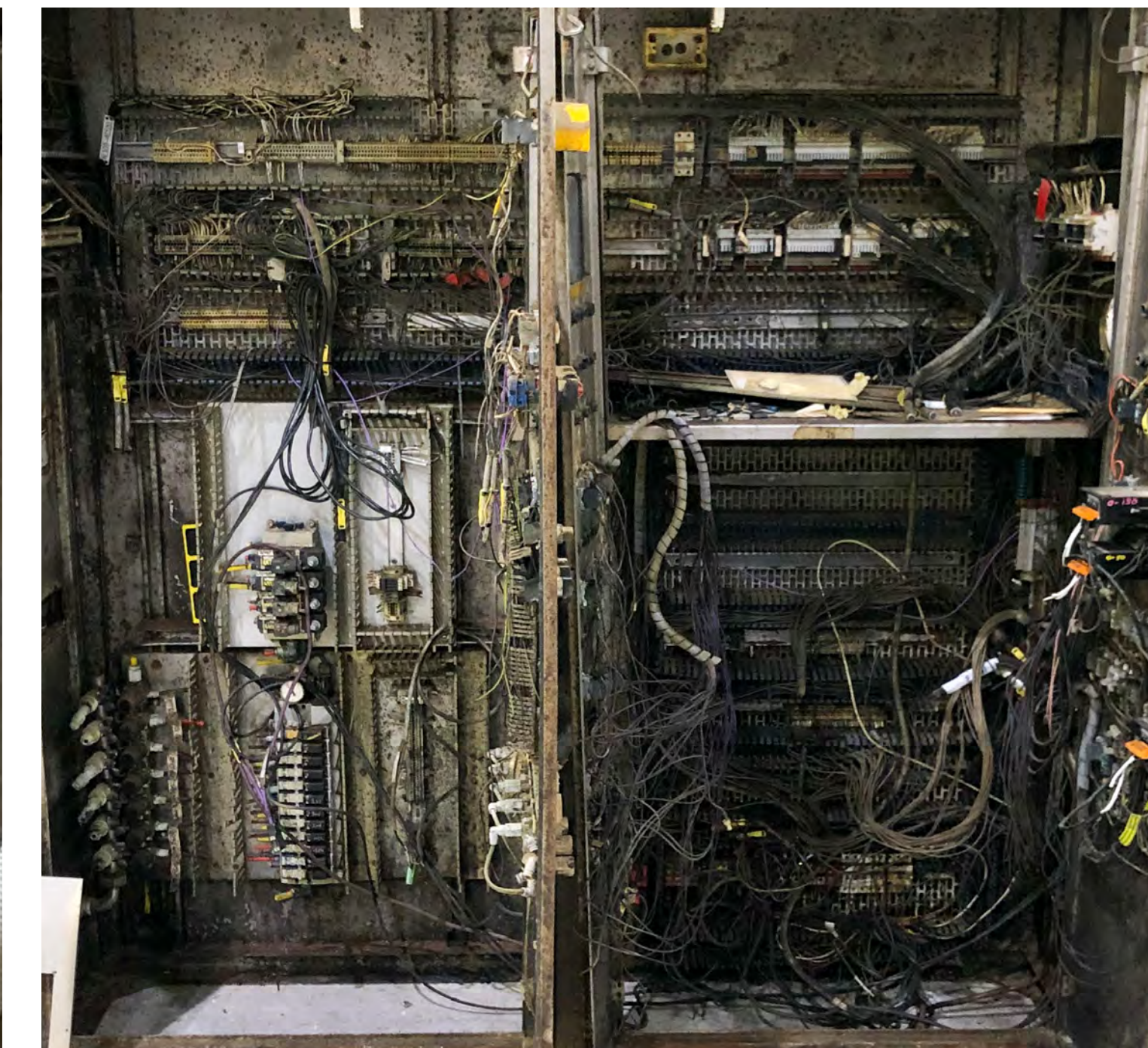
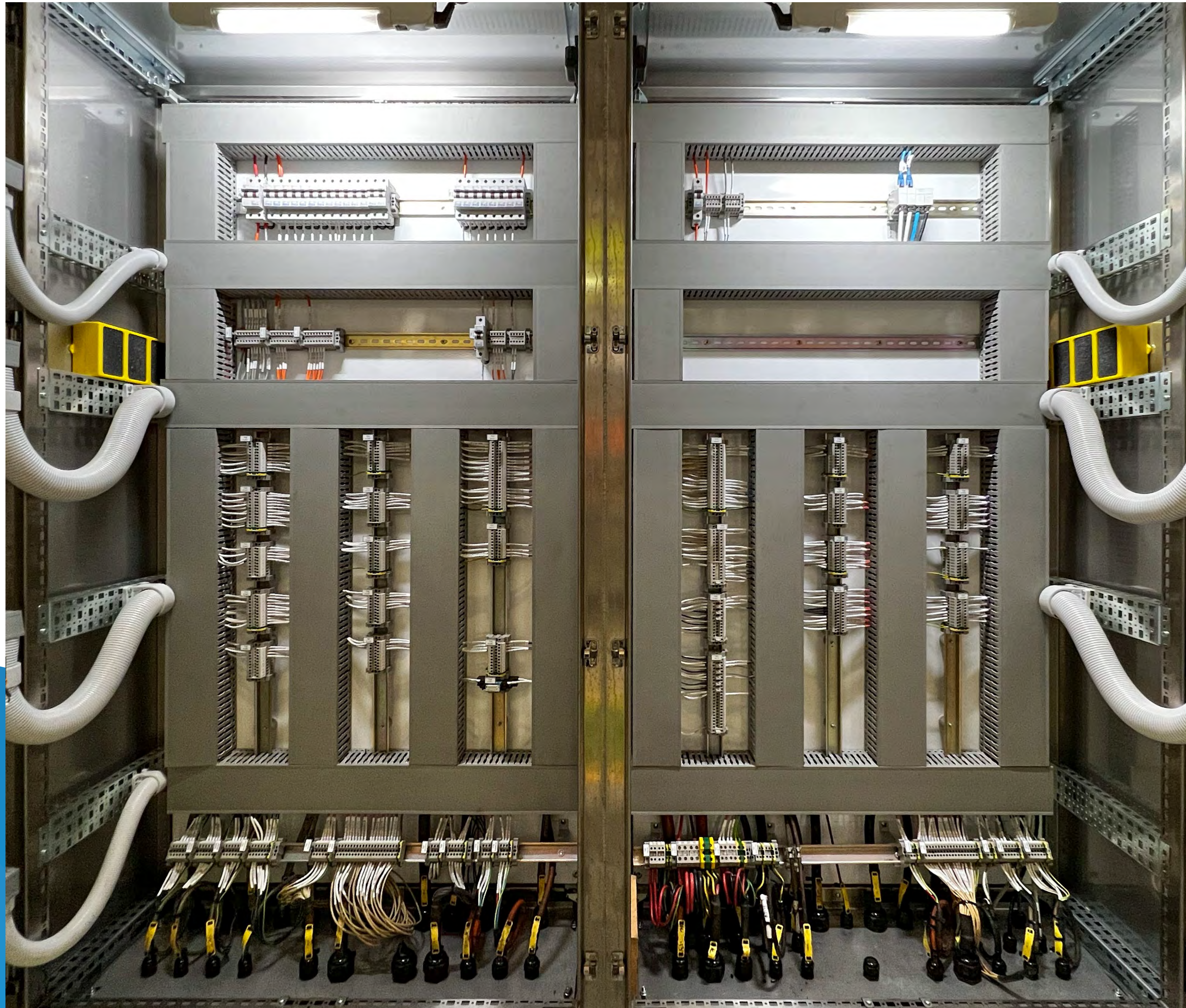
Location: Harrow, Victoria

Details: Construction of new rock crushing and screening plant, utilising Rockwell Automation's PlantPAx over CompactLogix and PowerFlex, increasing capacity to 500T/hr

Products/services:

- Custom CUBIC switchboard and MCC
- Terasaki ACB and MCBs
- Allen-Bradley CompactLogix with remote IO
- Allen-Bradley PowerFlex 753 and 525 VSDs
- Allen-Bradley SMC-Flex soft starters
- Allen-Bradley E300 DOL motor control
- Rockwell Automation PlantPAx
- 4G network remote access





TOUGH SOLUTIONS FOR A HARSH ENVIRONMENT

PROJECT FACT FILE

Project: Paper Machine Local Control Panel Replacement

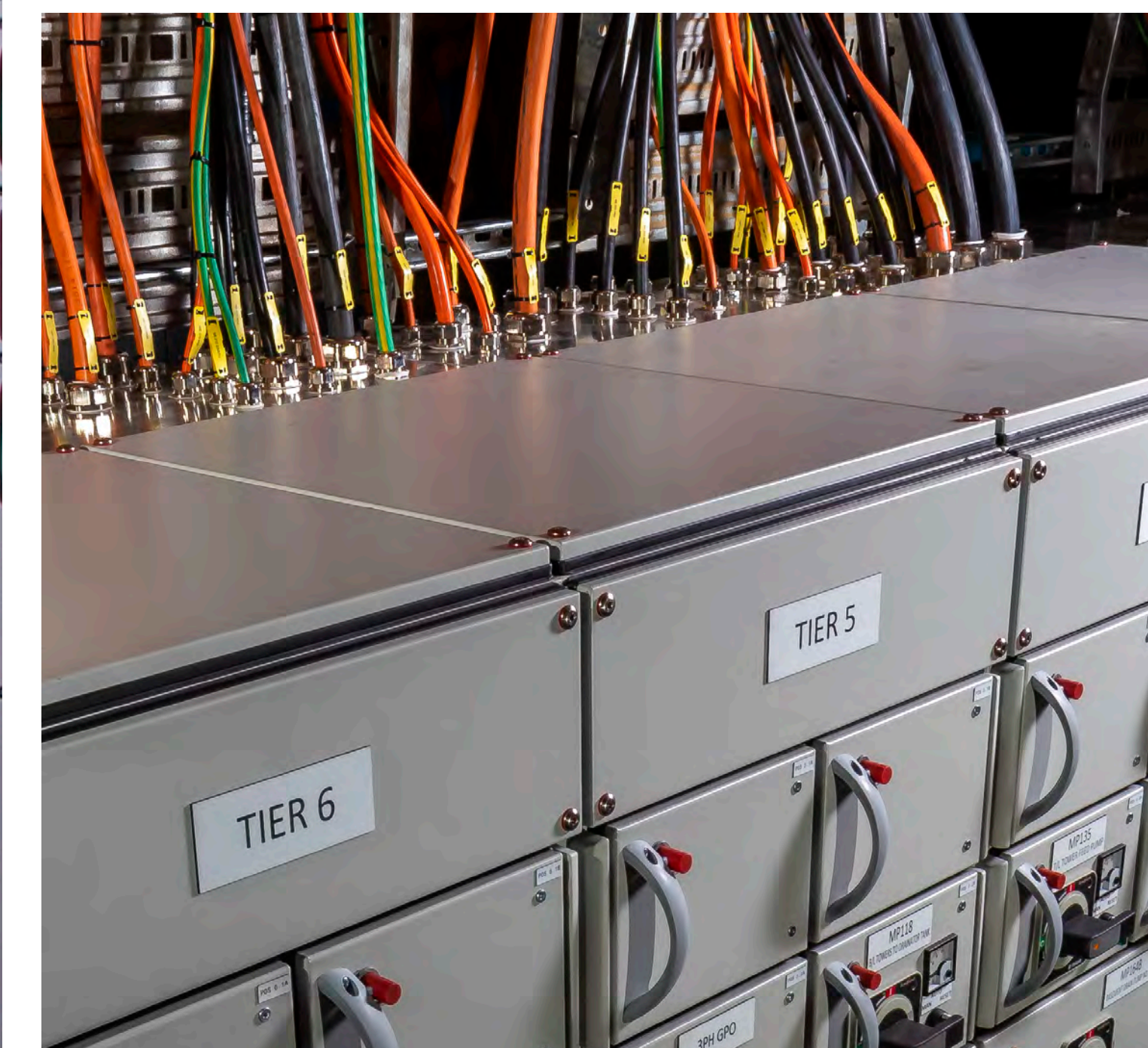
Location: Campbellfield, Victoria

Details: A turnkey project to replace a corroded control panel in a caustic environment. The scope consisted of retracing wiring, generation of documentation and fabrication of fit for purpose maintenance panel.

Products/services:

- nVent 316 EKSS IP66 enclosures
- Custom 316 SS control doors, plinth and hood
- Allen-Bradley 800H 30mm Type-4X operator range
- NHP DINT6 CBs
- nVent 24VDC lighting
- Multicore schedule and DCS I/O engineering documentation
- 16 hour change over shut down





MCC OBSOLESCENCE UPGRADE TO MEET AS/NZS61439

PROJECT FACT FILE

Project: Processing Plant MCC Replacement

Location: Reservoir, Victoria

Details: A turnkey solution to provide an obsolescence replacement for end of life hardware and upgrade to current AS/NZS61439:2016. Downtime reduced with use of fully withdrawable motor starters, improving IP ratings and allowing for fast changeout and maintenance on the run.

Products/services:

- CUBIC Switchboard MCC
- 3200 AMP Form 3B 50kA IP54
- Fully withdrawable motor starter arrangement
- Terasaki ACB and MCBs
- Allen-Bradley E300 DOL motor control
- Testing and verification documentation to AS/NZS61439:2016

