

**DIESEL ENGINE PURIFIERS**

**COMALCO WEIPA**

**Project Overview:**

The project involved the system upgrade of the oil purification process used in a Diesel-Fired Power Station. This process is used on the older types of diesel engine. The existing control system used older technology that had become unsupported and difficult to maintain.



**Details:**

The system consisted of a GE Fanuc Series One PLC and 50 off associated digital and analogue I/O.

Our project scope included the following:

- Conversion of Logicmaster PLC program to windows-based Versapro programming software.
- Replace Series One PLC's with Genius Field I/O drops
- Network configuration of Genius Field I/O
- Upgrade of 3 off 90-30 PLC's to include new Field I/O

PLC - 9030

SCADA - Citect

NETWORKS - Genius Field I/O, Ethernet

