

PROJECT FACT SHEET

Customer: Mercy Hospital

Project: Mercy Hospital Main Switchboard Repair and Rebuild

Project Profile:

This was not a planned project. There was no tender. The job arose out of a crisis that saw the Mercy Hospital's electrical switchboard blow up during a regular maintenance procedure. As such, Nilsen did not fully know the scope of work beforehand but rather, learnt of it as we took on the job. Every day, additional works were added to the schedule as we unveiled more problems and repairs needed to fix them.

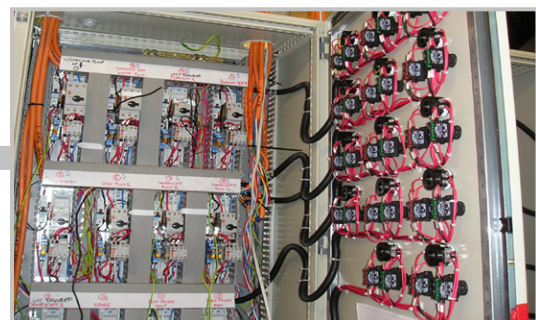
The extent of Nilsen's work on this project included: design, construct, supply, install, test, commission, maintain and warrant the following:

- Cooling Towers
- Compressor Room
- Domestic Cold Water and Flush
- Chillers inc Pumps x2
- Boilers (Steam & Water) inc Pumps
- Fire / EWIS Panel
- BAS Front End
- Plant Generally
- Sterilisers
- Mixing Valves & Shower Heads
- Switchboards
- Lifts Operational Check

Instead of replacing the existing BAS system (which controlled the compression for gas) with another BAS system, we decided to install a Program Logic Controller (PLC). This saved running additional electrical cabling and allowed Nilsen to get the power on quicker.

Instead of building a new switchboard from the start, we thought laterally and considered what projects we were currently implementing that might be of use. As we were building a switchboard for the Alfred Hospital, we approached them and received permission from the Alfred Hospital to use a switchboard we had partly constructed for them and re-worked it to suit Mercy's requirements, saving 7 weeks.

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