

Case Study – Siemens Robicon GH180 10 Year Service

CHB Drives were engaged to carry out a Ten-year service on Siemens Robicon GH180 Medium Voltage Drives. The tasks carried out are as per the Siemens Document Perfect Harmony Air-Cooled Drives Maintenance Services CSLS-00001-0513-ver1. This included the following scope of work.

- Supply of new power cells, blowers, and single board computer batteries
- Onsite testing of all new power cells before installation
- Replacement of all old power cells
- Replacement of blowers on top of drive
- Replacement of single board computer batteries
- Cleaning
- Visual inspections

The work was completed safely and as per the customer's schedule. The drive was put back into service and without any faults or alarms.

Previously this drive was experiencing regular power cell faults due to its age. An option to refurbish the old power cells was also considered. The old power cells have been retained as emergency spares.

