



## 1375 kW, 6600V, 8 pole, Hawker Siddeley, AC Induction Motor

There are literally thousands of Hawker Siddeley motors installed throughout South Africa. When repairing these motors, particular attention have to be paid to two specific areas:

- The stator winding, since there are several different variations of almost every stator design. Doing a "copy wind" is extremely dangerous. The stator winding design is carefully verified by our electrical design department.
- The mechanical repairs. This is because many of these motors suffer from very poor frame designs and can have significant high vibration levels. Through more than 50 years of experience, M&C have however mastered the art of repairing these motor in order to achieve even the most stringent vibration specifications. Typical values achieved is less than 1 mm/s RMS overall level.



The connection end of the full class H VPI insulation system is shown. The stator winding is ready to be processed with our industry leading, custom designed EpoVolt HV, full class H, Epoxy based VPI resin in our fully SCADA controlled VPI plant.