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BOWERS ELECTRICALS LTD have been involved in a major upgrade of their transformer servicing and repair facilities.

The heavy engineering workshop has been completely re-laid out with the lifting facilities upgraded to 50 tonnes, a new oven installed approximately 5 metres cubed for drying out large grid type transformer cores and windings.

There are new painting facilities of similar capacity and storage tanks for the oil.

To facilitate lifting out the cores and windings from the transformer tanks a specialist pit has been installed which gives additional lifting height capacity but the pit is also suitable with its own closed sump system for cleaning down and shot blasting tanks.

Other facilities include a new test area with variable frequency changers, variable voltage testing systems including high voltage testing over 100kV with AC and DC facilities.

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Mr Bowers also stated that the company had increased its winding facilities by installing a 40 foot long lathe with very fine speed control so that coils up to approximately 6 foot diameter and 25 foot long could be wound.

MAJOR TRANSFORMER REPAIRS