

# POWER TRANSFORMER

## Site Work Capability

*Accurate Controls offer a highly efficient and competitively priced site work capability with engineering teams which have a combined experience of over 20 years covering the following area of activity:*

- Full site surveys and investigations to determine instrument requirements.
- Complete Instrumentation Kiosk installation and commissioning.
- Installation, up grading and commissioning of Oil and Winding Temperature Indicators.
  - ◇ New installations with test link boards including on Transformers in low noise enclosures.
  - ◇ Replacement and removal of old instruments including the safe disposal of capillaries and hazardous capillary fluids such as mercury.
  - ◇ Re-siting of instruments.
  - ◇ Re-setting of WTI gradients following cooling system upgrades.
- Periodic on site Calibration of installed OTI's and WTI's
  - ◇ Includes current injection to confirm winding temperature simulation.
  - ◇ Includes instruments produced by other manufacturers.
- Retrofit and commissioning of remote indication to transmit Oil and Winding Temperatures to SCADA/SCS systems.
  - ◇ LVDT based, user selectable, industry standard, analogue output.
  - ◇ Addition of remote indication to existing installed instruments.
  - ◇ Replacement of old potentiometer versions of remote indication.
- Installation and commissioning of PFM's – Pump and Fan Monitoring and Exercising systems.
  - ◇ Includes the fitting of CT's to Pump and Fan supplies.
  - ◇ Training of personnel in the operation of the system
- Training, including the supply of custom designed training rigs.
- Up dating of site drawing packages.

### Staff Competencies

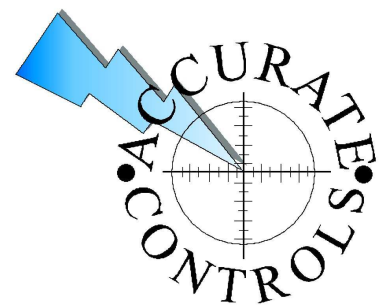
- ◆ National Grid - Competent Person (Section 6 of NSI 6 for HV & LV)
- ◆ ECITB - Client/Contractor National Safety Group Safety Passport
- ◆ RWE - Approved Contractor
- ◆ British Energy - Safe Unescorted Access status.



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