

Partial Discharge Expertise

- PD surveys of MV / HV / EHV plant and substations
- Permanent or short-term PD monitoring of power transformers, GIS, cables and switchgear
- Insulation diagnostics, consultancy, risk assessment
- Design and implementation of high voltage PD test systems
- PD testing of small / medium sized HV components
- Customised training courses (PD awareness, detection principles, diagnosis, best practice)
- Design, prototyping and optimisation of PD sensors





HFDE Ltd provides testing and consulting services for all aspects of Partial Discharge. We have been operating for more than 10 years, serving clients in the UK, Europe and East Asia.

HFDE's founder, Martin Judd, is a Chartered Engineer with over 30 years' experience. Previously, he was Professor of High Voltage Technologies at the University of Strathclyde in Glasgow, where he carried out pioneering R&D on PD for 20 years and was latterly manager of the HV Laboratory.

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