Plasma Platform Maintenance Training

**Trainer:** Oxford Instruments Technical Training Manager

**Places per session:** 4

**Duration:** 3 days

**Location:** Oxford Instruments Plasma Technology UK Headquarters

Course is classroom based and held in Oxford Instruments Plasma Technology UK Headquarters, the course duration is 3 days.

Lunch is included.

**Suitable for:** Equipment Engineers looking to develop the skills required to troubleshoot system hardware issues as they might arise, bringing self-sufficiency to the fault diagnosis process.

The Maintenance Training option includes the following core units, additional units can be added as required based on the hardware platform.

**System health and safety**

- System health checks and benchmarking tool performance
- Location of the main hardware components
- Introduction to vacuum (if required)

- Log viewer for identifying system health trends
- Full schematic walkthrough
- X20 PLC and the diagnostic viewer
- EN13849 (machinery standard safety circuit)
- RF Matching and the Automatic Matching Unit (AMU)
- Demonstration disassembly of a PlasmaPro 100 training tool, highlighting the vacuum critical components and the areas where Preventative Maintenance work is to be performed
- Exploration using 3D CAD of the customers hardware configuration, highlight the areas for Preventative Maintenance
- Fault tracing exercise using actual fault scenarios as seen in the field
- Optional candidate assessment included (multi-choice question sheet)

**Note:** The candidates will work in and around live conductors during the fault tracing exercises and must be suitably qualified and experienced before undertaking assessment.
Delivering Maximum Performance

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