

Plasma Platform Equipment Training Course

An intermediate-level course providing a detailed examination and exploration of multiple hardware blocks, software diagnostic options, and electrical schematics of your plasma system/s.

Suitability

Equipment engineers seeking to develop the essential skills required to better understand the various system components and interlock scheme.

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| ⚙️ Intermediate-level | 📍 Classroom, cleanroom or remote on request |
| 👤 Training Manager | 👥 6 places |
| 📍 Customer facility | 🕒 3 days |

Course details

- System health and safety
- System health checks and benchmarking tool performance prior to maintenance
- Software – using service mode/hold and force option to isolate and diagnose faulty components, writing recipes to automate system health checks
- Introduction to vacuum
- LogViewer/Activity Explorer for identifying system health trends
- Using TeamViewer for remote assistance
- Location of the main hardware components
- Full schematic walkthrough
- X20 PLC and the Diagnostic Viewer/Diagnostics IQ
- EN13849 (machinery standard safety circuit)
- Implementing essential procedures involving RF Matching and returning the Automatic Matching Unit (AMU)
- Basic maintenance procedures
- Fault identification and example diagnosis
- Handling configuration including wafer placement
- Understanding the interlock scheme and interpreting alarm signals
- Optional candidate assessment included (multi-choice question sheet)

