



Fuel-Air Ratio Commissioning and Boiler Control

Description

Combustion Technology is the official Autoflame boiler controller training provider in South Africa. This training course covers the installation, set-up and maintenance of the MM controller in hot water and steam plant systems. By the end of the course, candidates will be assessed and certified on installing and commissioning the MM controller, with a full understanding of how to operate the boiler plant reliably and safely.

Duration - 3 days (9.30am – 4.30pm) Additional study required on days 1 - 2 (recommended 1 hour per day)

Requirements - Attendees to have some tertiary Engineering background, preferably registered as a gas practitioner, but not a requirement.

Price - R19,000 + VAT per delegate

Modules

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|-------------------------------------------------|------------------------------------------|
| Overview of the Autoflame System | Adding 3-Parameter trim to a fuel curve |
| Electrical installation guide and wiring checks | Reducing cycling through PID |
| Setting options and parameters | Boiler sequencing |
| Setting VSD | Remote control and data logging |
| Burner start-up and flame safeguard | Troubleshooting system faults |
| Valve proving system | Water level control in steam boilers |
| Commissioning Autoflame Controller | Commissioning water level probes |
| Fuel flow commissioning | Surface top blowdown and bottom blowdown |
| Upload/downloading commission data | Maintaining stack pressure |
| Single point change | Steam flow metering |
| Exhaust gas analysis | First out annunciation |

Mobile Boiler Room for hire throughout South Africa