

Industrial Burner Operator Training: 2 Days £475 per person

Safe use of a steam boiler including: warming up, shutting down, steam valves, chemistry of combustion, efficiency monitoring, safe/unsafe combustion, burner parts, air system, oil supply / metering system, gas train, electrical, light up sequence, operations, fuel change over, fault finding and maintenance, shut downs.

Boiler Operator Course: 2 Day £450 per person

Shell boiler fittings and functions, principles of operation regarding shell type boilers, warming-up, new brickwork curing procedure, typical steam system, oil system, gas system, fuel isolation, fuel changeover - dual fuel burners, emergency shutdown procedure, daily/weekly burner/boiler routines

In Depth Burner Training: 2 Days £495 per person

Burner machine components, functions, overall burner assessment, condition, faults, rectification, detailed metering block, oil passages, strip-down, control valves resetting, servicing, detailed combustion exhaust analysis, fault finding and rectification, O₂ etc, what/how to adjust, detailed electrical fault finding

Dual Fuel Rotary Cup Burner: 2 Days £460 per person

Principles of operation regarding shell type boilers including: chemistry of combustion, safety, warming-up, cooling down procedure, analysis of fuels and conditions required at burner (oil, gas and dual fuel), fuel change over routine, requirements for efficient running, principles of atomisation, gas train components and functions, main gas valve proving systems and Ignition system settings, light up procedures and examination of control drawings, fault finding and diagnosis, maintenance with demonstration on simulators.

All you need to know about Combustion 1 Day £235 per person

What is Combustion, chemistry of combustion – exhaust gas analysis, fuels and fuel properties, control philosophies for combustion systems, efficient running, terms associated with combustion, safe storage of fuels, combustion efficiency, fuel / air ratios and the safety implications of incorrect ratios.

Training courses are deliverable at 'The Hamworthy Combustion Institute' in Poole, Dorset.

All courses are written and delivered to accreditation standards, including a final assessment, under exam conditions.

Facilities in Poole, include:

- Technical training workshop including: working burner and boiler models, gas trains, control simulators, ignitors etc.
- Hamworthy Combustions test-rig - housing 16 firing test rig stations up to 100MW
- CFD – Computational Fluid Dynamics workshop
- Three modern training rooms with an additional lounge area

Training courses are designed to be delivered to a 60% practical and 40% classroom basis.

Contact: The Hamworthy Combustion Training Institute, Fleets Corner, Poole, Dorset BH17 OLA
Tel: +44 (0) 1202 663904
e-mail: training@hamworthy-combustion.com
Website: www.hamworthy-combustion.com