SAACKE Training

Competency for safety, efficiency & energy saving

Practical & theoretical training

All mandatory design codes, guidance notes, and 'Best Practice' advice from all sources state that operation and maintenance of boiler plant must be carried out by a 'Competent Person'.

Under Health & Safety legislation trained, competent operators are essential to comply with duties of care placed on owners or asset/facilities management operators. In addition to enhancing the health and safety of your operators and plant, the increased knowledge gained from regular training can show bottom line savings by improved maintenance and reduced downtime.

As process loads change the ability to recognise the impact on performance of heat generating equipment and taking action to optimise settings is paramount to delivering the highest level of efficiency at lowest cost. The SAACKE training concept with continuous internal training measures is a key instrument for ensuring the highest quality of our service and to deliver the highest quality of customer experience. You can develop the competency of your personnel by tapping into this reservoir of knowledge. Training is delivered by SAACKE training officers who are ACS and BOAS accredited.

Training courses can be structured to suit your specific plant and levels of expertise held by your operators and managers and deliver on-site practical and theoretical content options. Annual refresher courses can be designed to highlight the key elements as part of a site energy efficiency programme.

Advantages at a glance

- Courses tailored to suit your plant and personnel
- Increases expertise in operation and knowledge for early fault diagnosis
- Reduced downtime by planned maintenance
- Enhanced safety for plant and personnel
- Awareness of environmental impact
- Knowledge of mandatory safety tests
- Best practice for Insurance requirements
- Comply with legal 'Duty of Care'

SAACKE Service

Target group

Designed for operators, maintenance personnel, plant supervisors, energy and health & safety managers

Typical content of burner / automation course

- Combustion theory
- Burner management design codes
- Liquid and gaseous fuel handling systems
- Industrial burner types and applications
- Liquid fuel atomising requirements
- Gas shut-off leak detection systems
- Air/fuel ratio controllers
- Electronic burner management and boiler water controls
- Optimising combustion and emissions
- Energy saving devices
- Heat recovery systems
- Mandatory burner and boiler safety tests
- Electronic control – 'Safety Test System' for best available technology, and best practice
- Written examination
- Certificate of attendance

Boiler-house technical risk assessment

- Training or full assessment can be undertaken

Typical content of boiler training courses

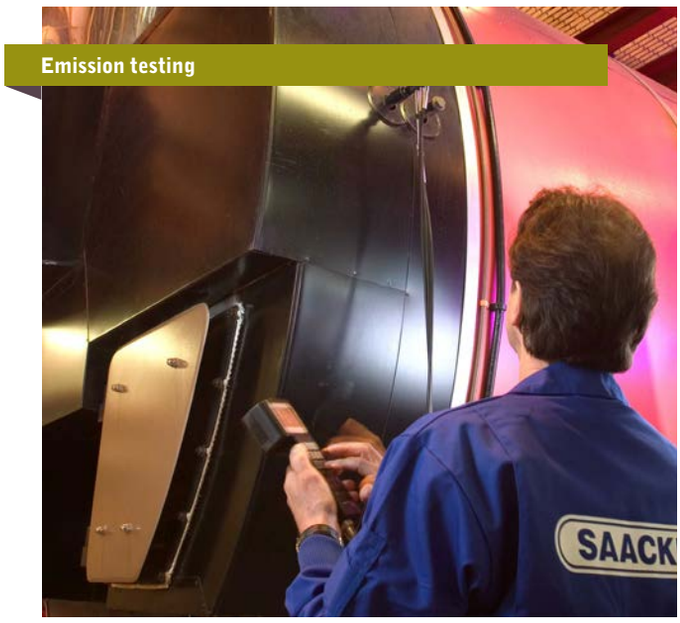
BOAS / Boiler Operator Accreditation Scheme

- Certified Industrial Boiler Operator (CertIBO) for operators
- Diploma in Boiler Plant Operation Management (DipBOM) for managers

BG01 Boiler operator overview course

- Guidance on safe operation of boilers BG01 & INDG436
- Site specific training
- Boiler and burner operation
- Boiler start-up and shut down
- Action to be taken in an emergency
- Burner controls with fuel used
- Boiler and burner failure modes
- Feed water analysis
- Drainage water hammer
- Responsibilities of all parties involved
- Legal aspects
- Written examination
- Certificate of attendance

Safety testing


Emission testing

UK2015-Nr.006-02

SAACKE Combustion Services Ltd.
Langstone Technology Park, Langstone Road,
Havant, Hants, PO9 1SA United Kingdom

Tel. +44 (0) 23 92 333900
Fax +44 (0) 23 92 333901

ukadmin@saacke.com
www.saacke.com

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