



## **Ignite: 1 day Woodfuel Quality Standards**

This one day course introduces woodfuel suppliers and users to the full range of standards and quality assurance schemes in use in the supply chain and how to produce and specify the correct type of fuel. It looks at how to ensure your woodfuel is compliant with the Timber Standards of Heat and Electricity covering the legal and sustainability criteria and the requirements of the Biomass Suppliers List. The course also looks at how woodfuel properties can affect compliance with standards, how to specify and test fuel, and match fuel specifications to combustion systems. The course provides an introduction to the BS EN ISO solid biofuels standard that has been adopted in the UK and reviews the various woodfuel quality assurance schemes and what relevance these may have to your business. The course involves a practical sampling demonstration. Course attendees will also receive a copy of our Woodfuel Quality Standards handbook and a Lantra Awards certificate of attendance.

### **Course Aims**

The course is designed to help participants:

- Understand the range of BS EN ISO standards for wood fuels.
- Appreciate the different properties of wood fuel that can be specified.
- Know how to specify firewood, wood chip and pellet fuel.
- Know how to find out if a particular type of wood is appropriate for a specific combustion system.
- Recognise the importance of quality assurance and labelling.
- Understand the requirements of the Ofgem Biomass Suppliers List and the GHG and sustainability criteria required from biomass fuel being supplied to biomass systems receiving the RHI.

This course concentrates on solid biofuels, specifically wood fuel, from forest, arb and primary wood processing sources.

It is a one day course divided into four sessions, including an outdoor based practical and demonstration.

### **9.30am Start**

#### **Session one: General Introduction**

This session introduces the BS EN ISO standard for wood fuel. We introduce the traded forms of woody biofuels and the standards or technical specifications available to determine fuel properties.



## **Session two: Specifying Woodfuel**

During this session we look at:

- The specifications for firewood, wood chip and pellet fuel
- Wood fuel properties
- Matching fuel specifications to combustion systems

## **Session three: Chipping and Sampling**

Session three consists of two exercises. The first is intended to give an insight into the features on certain chippers that help control woodchip fuel quality and the differences between chippers. The second is a practical looking at the methodology for sampling small stockpiles.

## **Session four: Fuel Quality Assurance**

This session begins with feedback from the exercises earlier in the afternoon and includes an introduction to fuel quality assurance and covers the Woodsure and Woodsure+/Hetas schemes. It also provides an introduction to the requirements of the Ofgem Biomass Suppliers List and the GHG and sustainability criteria required from biomass fuel being supplied to biomass systems receiving the RHI.

### **4.30pm Finish**

This content is subject to change with developments in the sector.

### **General Information**

Throughout the course participants are encouraged to contribute their own experience either of woodfuel or of other aspects of renewable to the course. There is a lively, good humoured atmosphere at courses, where participants can discuss issues of particular relevance or interest to themselves and the group within the framework of the course.

Ignite courses have been developed and are run by RDI Associates Ltd. The course is accredited by Lantra Awards under their Customised Award provision.

Lunch and all refreshments will be provided and please bring a waterproof and boots as we will be leaving the confines of the classroom!

**For content or technical enquiries please contact Will Richardson on 01765 609355.**