

Duration: 1 day

12th November 2025

9.30am – 4.30pm

**Venue: Dudley Archives &
Local History Service,
Tipton Road, Dudley,
West Midlands,
DY1 4SQ**

Introduction to Melting

What's in it for you?

To understand the construction, operation and fundamental technology of melting in an induction furnace.

- Induction Melting Basics
- Personal Protective Equipment
- Furnace Operation and safety precautions
- Charging and pre-heating systems
- Refractory lining
- Electrical operation
- Other electric furnaces – Automatic pouring, Channel Holding & Vacuum Melting Furnaces
- Metallurgy of melting in electric induction furnaces

Who should attend?

Melt shop operators and supervisors, technicians, charge hands, new recruits and apprentices and all those looking to improve their knowledge what a furnace is and how it works.

Price: ICME/CMF Member Price £250 pp plus VAT*

* Price includes attendance, drinks, lunches and Certificate

Non Member Price £350 pp plus VAT**

** Price includes attendance, drinks, lunches and Certificate

For more information, please email **ICME** at **training@icme.org.uk** or call **0121 752 1810**

Help with Fees: Foundry Training Trust grant support will be available[†] towards the cost of the course. A grant of £125 is available towards the fees for this course. Additional grant funding is also available towards the costs of travel and accommodation. Visit **www.foundrytrainingtrust.uk** to contact the Clerk of the Trust for details and for the application form.

[†]Subject to application and Trustee approval.

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