



# HEAT TREATMENT WORKSHOP



**2 DAYS**

Providing a basic understanding of the relationships between structure, processing & properties of the more important industrial metals.

Suitable for those in technical, production, quality or commercial roles involving heat treatment

## Fundamentals of Metallurgy

Tuesday 16th January

- Review of existing knowledge
- Structure of metals
- Properties of metals & how they are measured
- Processing of metals
- Choosing a metal
- Standards & quality assessment

## Principles of Heat Treatment

Wednesday 17th January

- Why heat treat?
- Strengthening of metals
- Heat treatment terminology
- Heating, soaking, cooling, quenching
- Furnaces & furnace issues
- Accreditation & testing

Participation is free of charge to qualifying SMEs in the Sheffield City Region.

To register please contact Jack Greenwood  
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