



**SHEFFIELD**  
FORGEMASTERS

**Casting and Forging  
Solutions for the  
World's most  
Complex Engineering  
Challenges**



**Test House Capabilities**



# Test House Capabilities

**Our independent test house provides mechanical and metallurgical testing services to the steel industry.**

Equipped with a range of preparation techniques for metallurgical examination of metals and alloys for steel foundries, forges, rolling mills and steel stockholders. These techniques are supported by comprehensive photographic and digital imaging capabilities.

## Key Capabilities

- Independently UKAS accredited to the requirements of ISO/IEC 17025
- Metallurgical Testing Available
  - Macro & micro
  - Anodised surface depth
  - Decarburised depth
  - Grain size determination
- Charpy Impact testing
  - Measuring projector measuring 'V' and 'U' notch Charpys
- Hardness testing including micro and macro Vickers tests
- Tensile testing
- Microscope imaging



Independently Accredited



Extensive Testing Services Available

## Applications

**Defence | Civil Nuclear | Offshore | Steel Processing | Renewables | Power Generation | High Pressure Reactors | Steel Plant | Ingot & Bar**

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