

## SCOPE OF ACCREDITATION

### Materials Testing Laboratories

**Speciality Steel UK Ltd. Trading as Liberty Speciality Steels**  
Aldwarke Lane  
Rotherham, S60 1DW  
United Kingdom

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: [www.eAuditNet.com](http://www.eAuditNet.com) - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

#### AC7000 Rev A - AUDIT CRITERIA FOR NADCAP ACCREDITATION

#### AC7101/1 Rev H - Nadcap Audit Criteria for Materials Testing Laboratories – General Requirements for All Laboratories (to be used on audits on/AFTER 10-Dec-2023)

#### AC7101/2 Rev E - Nadcap Audit Criteria for Materials Testing Laboratories – Chemical Analysis (to be used on audits on/after 30 August 2020)

- (F) Atomic or Optical Emission Spectroscopy (AES or OES)
    - (F3) Atomic Emission Spectroscopy – Spark/Arc (S/A–OES)
  - (G) Elemental Analysis (Combustion or Fusion)
    - (G1) Carbon
    - (G2) Hydrogen
    - (G3) Nitrogen
    - (G4) Oxygen
    - (G5) Sulfur
  - (W) Atomic Absorption
    - (W1) Flame (AA)
- Specify the Alloy Base for Accreditation  
Fe Base

#### AC7101/3 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Mechanical Testing (to be used on audits on/after 4 December 2016)

- (A) Room Temperature Tensile
- (N) Impact

#### AC7101/4 Rev F - Nadcap Audit Criteria for Materials Testing Laboratories – Metallography and Microindentation Hardness (to be used on/after 14 August, 2016)

- (L0) Metallographic Evaluation
- (L10) Near Surface Examinations – Carburization / Decarburization
- (L11) Grain Size

Rotherham, United Kingdom

(L12) Inclusion Rating

**AC7101/5 Rev E - Nadcap Audit Criteria for Materials Testing Laboratories – Hardness Testing  
(Macro) (to be used on audits on/AFTER 07-May-2023)**

(M1) Brinell Hardness

(M2) Rockwell Hardness

(M3) Vickers Hardness

**AC7101/7 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Mechanical Testing  
Specimen Preparation (to be used on audits on/after 15 May 2016)**

(Z) Standard Specimen Machining

**ISO/IEC - Currently accredited by an ILAC approved source**

**Lab Type - Lab Type**

Captive