

**issued by**

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



**Accredited to  
ISO/IEC 17025:2017**

**Issue No: 034    Issue date: 08 September 2025**

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**Testing performed at the above address only**

| Materials/Products tested                                     | Type of test/Properties measured/Range of measurement                                                          | Standard specifications/ Equipment/Techniques used                                                                    |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| ENGINEERING MATERIALS,<br>MACHINERY, STRUCTURES &<br>PRODUCTS |                                                                                                                |                                                                                                                       |
| METALS, ALLOYS and METAL<br>PRODUCTS                          | <u>Mechanical Tests</u>                                                                                        |                                                                                                                       |
| Carbon steel, stainless steel, duplex<br>stainless steel      | Tensile - ambient temperature<br>(forces from 0.25kN to 500kN)                                                 | BS EN ISO 6892-1:2019 Method A<br>ASTM A370-24a<br>ASTM E8/E8M-24a Method B<br>API 5L (46 <sup>th</sup> Edition) 2018 |
|                                                               | Hardness:<br>Brinell HBW 10/3000                                                                               | BS EN ISO 6506-1:2014<br>ASTM A370-24a<br>ASTM E10-23                                                                 |
|                                                               | Vickers (HV10)                                                                                                 | BS EN ISO 6507-1:2023                                                                                                 |
|                                                               | Charpy Impact (V notch)<br>(-101°C to ambient & -196°C)<br>including lateral expansion and<br>percentage shear | BS EN ISO 148-1:2016<br>ASTM A370-24a<br>ASTM E23-25                                                                  |
|                                                               | Izod (ambient)                                                                                                 | BS 131-1:1961 (2007)                                                                                                  |
|                                                               | Bend                                                                                                           | BS EN ISO 7438:2020                                                                                                   |
| Metals & weldments - corrosion<br>Stainless steels            | <u>Corrosion Tests</u>                                                                                         |                                                                                                                       |
|                                                               | Pitting corrosion                                                                                              | ASTM G48-11 (2020e1) Method A                                                                                         |
|                                                               | Intergranular corrosion                                                                                        | ASTM A262-15 (2021) Method E<br>ASTM G28-24 Method A                                                                  |



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**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Induction Pipe Bending UK Limited**  
**Trading as IPB Mechanical Testing**  
**Issue No: 034    Issue date: 08 September 2025**

Testing performed at main address only

| Materials/Products tested                                  | Type of test/Properties measured/Range of measurement                                              | Standard specifications/ Equipment/Techniques used                                                                                                                                                                                                                                               |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| METALS, ALLOYS and METAL PRODUCTS (cont'd)                 | <u>Chemical Tests</u>                                                                              |                                                                                                                                                                                                                                                                                                  |
|                                                            | <u>Metallurgical Tests</u>                                                                         |                                                                                                                                                                                                                                                                                                  |
| Metals & weldments - metallurgical Duplex stainless steels | Phase analysis (Ferrite count)                                                                     | ASTM E562-19e1                                                                                                                                                                                                                                                                                   |
|                                                            | Grain size - comparative method                                                                    | ASTM E112-24                                                                                                                                                                                                                                                                                     |
|                                                            | <u>Mechanical and Metallurgical Tests</u>                                                          |                                                                                                                                                                                                                                                                                                  |
| Weldments, Steels and Aluminium Alloys                     | Test designated in specified welding codes, excluding non-destructive testing, as detailed below - | BS EN ISO 17639:2022<br>BS EN ISO 4136:2022<br>BS EN ISO 5173:23<br>BS EN ISO 9015-1:2011<br>BS EN ISO 9016:2022<br>BS EN ISO 9017:2018<br>BS EN ISO 9606-1 2017<br>BS EN ISO 9606-2 2004<br>BS EN ISO 15614-1: 2017 + A1: 2019<br>BS EN ISO 15614-2: 2005<br>AWS D1.1.1M: 2025<br>ASME IX: 2025 |
| END                                                        |                                                                                                    |                                                                                                                                                                                                                                                                                                  |