

As an accredited Inspection Body, this inspection body is entitled to use the following accreditation symbol



Valid from 28 November 2017  
to 27 November 2020  
Issued on 28 November 2017



ISO/IEC 17020  
IB 002-01  
Type A

## Schedule of Accreditation

Accreditation Scheme for Inspection Bodies  
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: IB 002-01

### National Centre for Non-Destructive Testing

Sri Lanka Atomic Energy Board

977/18, Bulugaha Junction

Kandy Road

Kelaniya

**Scope of Accreditation:** Performing NDT Inspections on Magnetic particle testing (MT), Penetrant testing (PT), Ultrasonic testing (UT) and Concrete testing of structures for surface strength (CT)

The inspection body is accredited as type A inspection body for the following inspections.

SI NO.	Type/Field of Inspection	Inspection method / Reference Standard	Products/ Processes/ Items inspected	Locations (In-house / Off-site inspections)
01	Pre inspection and in-service inspection	Magnetic Particle Testing (MT) Yoke Technique - ASME Boiler and Pressure Vessel Code, Section V, Article 7:2010 - ASME Boiler and Pressure Vessel Code, Section V, Article 25:2010 - EN ISO 17638:2013	Engineering components: 1. Castings (ferromagnetic materials) 2. Forgings (ferromagnetic materials) 3. Welds (ferromagnetic materials) 4. Tubes and Pipes (ferromagnetic materials) 5. Wrought products made of ferromagnetic materials (plates, bars, rods, etc)	In-house and Off-site inspections

SI NO.	Type/Field of Inspection	Inspection method / Reference Standard	Products/ Processes/ Items inspected	Locations (In-house / Off-site inspections)
02	Pre inspection and in-service inspection	<p>Liquid Penetrant Testing (PT) Method C – Type I &amp; II</p> <ul style="list-style-type: none"> <li>- ASME Boiler and Pressure Vessel Code, Section V, Article 6:2010</li> <li>- ASME Boiler and Pressure Vessel Code, Section V, Article 24:2010</li> <li>- EN ISO 3452-1:2013</li> </ul>	<p>Engineering components:</p> <ol style="list-style-type: none"> <li>1. Castings (ferrous and non ferrous materials)</li> <li>2. Forgings (ferrous and non ferrous materials)</li> <li>3. Welds (ferrous and non ferrous materials)</li> <li>4. Tubes and Pipes (ferrous and non ferrous materials)</li> <li>5. Wrought products (plates, bars, rods, etc)</li> <li>6. Composite materials</li> </ol>	In-house and Off-site inspections
03	Pre inspection and in-service inspection	<p>Ultrasonic Testing (UT) Pulse Echo Technique – A Scan</p> <ul style="list-style-type: none"> <li>- ASME Boiler and Pressure Vessel Code, Section V, Article 4:2010</li> <li>- ASME Boiler and Pressure Vessel Code, Section V, Article 5:2010</li> <li>- ASME Boiler and Pressure Vessel Code, Section V, Article 23:2010</li> <li>- EN ISO 17640:2013</li> </ul>	<p>Engineering components:</p> <ol style="list-style-type: none"> <li>1. Castings (ferrous and non ferrous materials)</li> <li>2. Forgings (ferrous and non ferrous materials)</li> <li>3. Welds (ferrous and non ferrous materials)</li> <li>4. Tubes and Pipes (ferrous and non ferrous materials)</li> <li>5. Wrought products (plates, bars, rods, etc)</li> <li>6. Composite materials</li> </ol>	In-house and Off-site inspections
04	Pre inspection and in-service inspection	<p>Concrete testing (CT) Measurement of Surface Strength using Rebound Hammer</p> <ul style="list-style-type: none"> <li>- BS 1881 - Part 202 - 1986</li> <li>- BS 1881 - Part 204 - 1988</li> </ul> <p>Ultrasonic Pulse Velocity Test</p> <ul style="list-style-type: none"> <li>- BS 1881 - Part 203 - 1986</li> <li>- BS 1881 - Part 204 - 1988</li> </ul> <p>Reinforcement Measurement Test (cover depth, bar diameter, location of the rebar)</p> <ul style="list-style-type: none"> <li>- BS 1881 - Part 204 - 1988</li> </ul>	Concrete structures	In-house and Off-site inspections