


Schedule of Accreditation

Issued by

United Kingdom Accreditation Service

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

 8452 Type A Inspection Body Accredited to ISO/IEC 17020:2012	Hartford Steam Boiler UK Limited Issue No: 015 Issue date: 12 June 2025	
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Inspection performed at/from the locations specified below

DETAIL OF ACCREDITATION

Field of Inspection	Type and Range of Inspection	Methods and Procedures
Boilers and Pressure Vessels	<p>Flexible scope enabling new versions of existing accredited standard test methods to be introduced in accordance with documented in-house procedure QP 10.3-20</p> <p>Design verification, new construction inspection, inspection of repairs and modifications</p>	<p>Details of the specific standards covered please refer to QP 10.3-009</p> <p>PD 5500 - Specification for unfired fusion welded pressure vessels</p> <p>BS 2790 - Specification for the design and manufacture of shell boilers of welded construction</p> <p>BS 1113 - Specification for the design and manufacture of water tube steam generating plant (including superheaters, reheaters and steel tube economisers)</p> <p>EN12952 – Water-Tube boilers and auxiliary installations</p> <p>ASME 1 and ASME VIII - Rules for the construction of power boilers and pressure vessels</p> <p>ASME B16.34 - Valves-Flanged, Threaded and Welded end</p> <p>ANSI B31.1 - Power Piping, ASME Code for pressure piping</p>



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Field of Inspection	Type and Range of Inspection	Methods and Procedures
Boilers and Pressure Vessels (cont'd)	<p>Flexible scope enabling new versions of existing accredited standard test methods to be introduced in accordance with documented in-house procedure (cont'd)</p> <p>Design verification, new construction inspection, inspection of repairs and modifications (cont'd)</p>	<p>Details of the specific standards covered please refer to QP 10.3-009</p> <p>ANSI B31.3 - Process Piping, ASME Code for pressure piping</p> <p>BS EN 13480 Parts 1 to 8 - Metallic Industrial Piping</p> <p>EN 13445 – Parts 1 to 10 Unfired pressure vessels</p>
<p>Nuclear fuelled power plants Geographic locations – UK and manufacturing worldwide.</p> <p>Manufacturing inspection of items of equipment, sub-assemblies and assemblies Geographic locations - world wide</p> <p>Permanent Joining Qualification Tests</p> <ul style="list-style-type: none"> Welding Brazing Roller expansion <p>Permanent Joining personnel Qualification Tests</p> <ul style="list-style-type: none"> Welding Brazing Roller expansion 	<p>Nuclear island components and associated control and safety systems. Inspection of new products and modifications.</p> <p>Inspection of new products Scope to include Materials Pressure Vessels Steam Generators Piping and piping components</p> <p>Verification, approval and certification of Permanent Joining Procedure Qualification tests</p> <p>Verification, approval and certification of permanent joining personnel Qualifications tests</p>	<p>UK Regulations for Nuclear Installations</p> <p>Codes and standards: - ASME Section III Division 1</p> <p>Internal Procedures</p> <p>UK Regulations for Nuclear Installations</p> <p>Codes and standards: - ASME Section III Division 1</p> <p>Internal Procedures</p> <p>In house Procedure QP10.3-10 based on International Standards such as BS EN ISO 15614 and ASME IX</p> <p>In house Procedure QP10.3-10 based on International Standards such as BS EN ISO 9606 and ASME IX</p>



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Directive/Regulation	Conformity Assessment procedure/Module/Article	Category of products or individual products	Methods / Procedures Essential requirements: Product specification/ Properties / Standards
Pressure Equipment (Safety) Regulations 2016, SI 2016 No 1105 as amended	<i>Regulation 42 and Schedule 1A</i> Schedule 1A Part 2 – Module A2 Internal production control plus supervised pressure equipment checks at random	Category II Equipment	Schedule 2, Final assessment of the pressure equipment, or assembly
	Schedule 2 (21) Approval of permanent joining procedures	Category II Category III Category IV	Approval of procedures for the permanent joining of materials

Note: The inspection of items above are subject to legislative requirements including the appointment of bodies' to carry out conformity assessment. Reference should be made to the relevant Government Departments DBT for information on this and listings of bodies recognised under UK legislation



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**Accreditation for the purpose of Notified Body Activity relating to the Northern Ireland market (CE + UKNI)
taking into account EA-2/17**

Directive/Regulation	Conformity Assessment procedure/Module/Article	Category of products or individual products	Methods / Procedures Essential requirements: Product specification/ Properties / Standards
Pressure Equipment (Directive 2014/68/EU) implemented in Northern Ireland by the Pressure Equipment (Safety) Regulation 2016	Conformity assessment procedures in accordance with Article 14 of the Directive Annex III.1 Module A2 Internal production control plus supervised pressure equipment checks at random Annex I 3.1.3 Approval of permanent joining procedures	Category II Equipment Category II Category III Category IV	Annex 1, Final assessment of the pressure equipment, or assembly Approval of procedures for the permanent joining of materials

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Directive / Regulation	Conformity Assessment procedure/Module/Article and / or Inspection	Category of products or individual products	Methods / Procedures Essential requirements: Product specification/ Properties / Standards
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment 2009 (as amended).			
ADR, RID, IMDG Code Chapter 6.2.2.4	- Periodic Inspection	UN Cylinders * Seamless Steel Cylinders Seamless Steel Cylinders Welded CMn Steel Gas Cylinders Welded CMn Steel Gas Cylinders Seamless Aluminium Cylinder bundles Composite Cylinder Valves	Conformity assessment to 1.8.7.6 of the Annexes to 2008/68/EC <i>*Denotes a withdrawn or superseded standard.</i> <i>'until' denotes the date that application of the specified standard is no longer permitted.</i> ISO 6406:2005 (until 31/12/24) ISO 18119:2018 ISO 10460:2005 (until 31/12/24) ISO 10460:2018 ISO 10461:2005 +A1:2006 (until 31/12/2024) ISO 20475:2018 ISO 11623:2015 ISO 22434:2006

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Directive / Regulation	Conformity Assessment procedure/Module/Article and / or Inspection	Category of products or individual products	Methods / Procedures Essential requirements: Product specification/ Properties / Standards
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment 2009 (as amended).			
ADR, RID, IMDG Code Chapter 6.2.3 & 6.2.4	- Periodic Inspection	Non-UN Cylinders * Gas cylinders - Seamless steel and seamless aluminium-alloy gas Gas cylinders - Seamless steel and seamless aluminium-alloy gas Welded CMn Steel Gas Cylinders Cylinder bundles Cylinder bundles Cylinder Valves Composite Cylinder Valves	Conformity assessment to 1.8.7.6 of the Annexes to 2008/68/EC <i>"Denotes a withdrawn or superseded standard.</i> <i>'until' denotes the date that application of the specified standard is no longer permitted.</i> EN ISO 18119:2018 (until 31/12/24) EN ISO 18119:2018: 2018 + A1:2021 EN ISO 10460:2018 EN 15888: 2014 EN ISO 20475:2020 EN ISO 22434:2011 (until 31/12/2024) EN ISO 11623:2015 EN ISO 22434: 2022

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The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment 2009 (as amended).			
ADR/RID, IMDG Code Chapter 6.2.1 Chapter 6.2.2	<ul style="list-style-type: none"> - Type approval - Supervision of manufacture - Initial inspection and test - Surveillance of applicant's in-house inspection service - Periodic Inspection 	UN Pressure Receptacles *	Conformity assessment according to ADR 1.8.7.2, 1.8.7.3, 1.8.7.4, 1.8.7.6 and 1.8.7.7 of the Annexes to 2008/68/EC
		Gas Cylinder/Refil Seamless Aluminium Alloy	ISO 7866:2012+Cor1:2014
		Gas Cylinder/Bundles	ISO 9809-1:2010 (until 31/12/2026)
		Gas Cylinder/Bundles	ISO 9809-1:2019
		Gas Cylinder/Bundles	ISO 9809-2:2010 (until 31/12/2026)
		Gas Cylinder/Bundles	ISO 9809-2:2019
		Gas Cylinder/Bundles	ISO 9809-3:2010 (until 31/12/2026)
		Gas Cylinder/Bundles	ISO 9809-3:2019
		Gas Cylinder/Bundles	ISO 9809-4:2014
		Gas Cylinder/Bundles	ISO 10961:2010 (until 31/12/2026)
		Gas Cylinder/Bundles	ISO 10961:2019
		Gas cylinders/Refillable composite	ISO 11515: 2013 (until 31/12/2026)
		Gas cylinders/Refillable composite	ISO 11515:2013 + Amd 1:2018
		Gas Cyl – Non Refillable	ISO 11118:2015 (until 31/12/2026)
		Gas Cyl – Non Refillable	ISO 11118:2015+Amd.1:2019
		Seamless Gas Cyl – Refill	ISO 11120: 2015
		Gas cylinders/Refillable S/S	ISO 18172-1:2007
		Gas cylinders/Refill welded steel	ISO 4706:2008

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Directive / Regulation	Conformity Assessment procedure/Module/Article and / or Inspection	Category of products or individual products	Methods / Procedures Essential requirements: Product specification/ Properties / Standards
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment 2009 (as amended).			
ADR, RID, IMDG Code Chapter 6.2.3 & 6.2.4	<ul style="list-style-type: none">- Type approval- Reassessment of Conformity- Supervision of manufacture- Initial inspection and tests- Surveillance of the in-house inspection service- Periodic Inspection	Non-UN Pressure Receptacles to referenced standards * Cryogenic Composite Composite fully wrapped Carbon comp Gas Cyl – Refillable Aluminium Alloy Gas Cyl – Refillable Aluminium Alloy Seamless Steel cyl Welded Steel Cylinders - Refillable Welded Stainless Steel Cylinders - Refillable Seamless Steel Cyl Seamless Steel Cyl+Tubes Seamless Steel Cyl Gas Cylinders/Bundles Gas Cyl – Non Refillable Gas Cyl – Non Refillable Welded Drums Seamless Gas Cyl – Refill	Conformity assessment according to ADR 1.8.7.2, 1.8.7.3, 1.8.7.4, 1.8.7.6 and 1.8.7.7 of the Annexes to 2008/68/EC EN1251-2: 2000 EN 12257:2002 EN 12245:2022 EN 17339:2020 EN ISO 7866:2012 + AC:2014 EN ISO 7866:2012+ A1:2020 EN 1964-3:2000 EN 13322-1:2003/A1:2006 EN 13322-2:2003/A1:2006 EN ISO 9809-1: 2019 EN ISO 9809-2: 2019 EN ISO 9809-3: 2019 EN ISO 10961:2019 EN ISO 11118:2015 (until 31/12/2024) EN ISO 11118:2015+A1:2020 EN ISO 14208:2004 EN ISO 11120: 2015

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ADR, RID, IMDG Code Chapter 6.2.3 & 6.2.4	<ul style="list-style-type: none"> - Type approval - Reassessment of Conformity - Supervision of manufacture - Initial inspection and tests - Surveillance of the in-house inspection service - Periodic Inspection 	<p>Non-UN Pressure Receptacles to referenced standards</p> <p>Cryo valves *</p> <p>Cylinder Valves – Type Testing</p> <p>Cylinder Valves – Type Testing</p> <p>Cylinder Valves – Type Testing</p> <p>Cryo Safety Devices</p> <p>Self-closing cylinder valves</p> <p>Self-closing cylinder valves</p> <p>Self-closing cylinder valves</p> <p>Gas Cylinder Valves</p> <p>Gas Cylinder Valves</p> <p>Gas Cylinder Valves</p> <p>Gas Cylinder – Ball Valves</p> <p>Self-closing cylinder valves</p>	<p>Conformity assessment according to ADR 1.8.7.2, 1.8.7.3, 1.8.7.4, 1.8.7.6 and 1.8.7.7 of the Annexes to 2008/68/EC</p> <p>Service Equipment EN 1626:2008 (except v/v cat B) EN ISO 10297:2006 EN ISO 10297:2014 EN ISO 10297:2014+A1:2017 EN 13648-1: 2008 EN ISO 17871:2015 EN ISO 17871:2015+A1:2018 EN ISO 17871:2020 EN ISO 14246:2014 EN ISO 14246:2014: A1:2017 EN ISO 14246:2014: 2022 EN ISO 23826:2021 EN ISO 17879:2017</p>

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The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment 2009 (as amended).			
RID, ADR and the IMDG Code, Chapter 6.7 - Merchant Shipping Regulations 1997	<ul style="list-style-type: none"> - Type Approval - Supervision of construction - Initial inspection and test - Periodic inspection - Intermediate inspection - Exceptional inspection/checks 	Portable Tanks* (Chapter/s (6.7.2, 6.7.3, 6.7.4, 6.7.5) for substances of Class(s) 2 (non-π), 3, 4, 5, 6, 8 & 9 IMO Type 1,2,5 & 7 Portable tanks UN MEGCs * Cryo Valves *	EN 12972:2018 (from 01/01/2020) EN 14025:2008 PD 5500: 2009 + A2:2010 ASME VIII : Div.1 ASME VIII : Div.2 AD 2000 (Merkblatt) IMO Res A.581 (14) EN 13807:2017 Service Equipment EN1626:2008 (except v/v cat B)
RID, ADR, IMDG Code Chapter 6.8	<ul style="list-style-type: none"> - Type Approval - Supervision of manufacture - Initial inspection and test - Periodic inspection - Intermediate inspection - Exceptional inspection/checks 	Tanks with shells of Metallic Materials * (Chapter 6.8) - Tank containers for substances of Class(s) 3, 4, 5, 6, 8 & 9 MEGCs *	EN 12972:2018 (from 01/01/2020) <i>Guidance for the application of EN12972:2007</i> EN 14025:2013+ A1:2016 (except annex B) EN 13807:2017 Equipment EN 14432: 2014 EN 14433: 2014 EN 13308: 2002 EN 13316: 2002 EN 16527: 2012 EN 1626:2018 (except v/v CAT B)

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The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment 2009 (as amended)			
RID, ADR, IMDG Code Chapter 6.8 TPE	<ul style="list-style-type: none">- Type Approval - Initial inspection and test- Supervision of manufacture- Initial inspection and test- Periodic inspection- Intermediate inspection- Exceptional inspection/checks	Tanks with shells of Metallic Materials * (chapter 6.8) - MEGCs & Tank containers for substances of Class 2	Conformity assessments in accordance with ADR 1.8.7 EN 12972:2018 (from 01/01/2020) Guidance for the application of EN12972:2007 EN 14025:2013+ A1:2016 EN 13530-2:2002 EN 13530-2:2002/A1:2004 EN 13807:2017 Equipment EN 14432: 2014 EN 14433: 2014 EN 13308: 2002 EN 13316: 2002 EN 16527: 2012 EN 1626:2018 (except v/v CAT B)

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