

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|---|---|--|
|  <p>0006 Type A Inspection Body</p> <p>Accredited to ISO/IEC 17020:2012</p> | <p>Zurich Engineering (Trading name for Zurich Management Services Limited)</p> <p>Issue No: 035 Issue date: 02 August 2022</p> | |
| | <p>Zurich Engineering Technical Centre Unit 3, Steelpark Wednesfield Wolverhampton WV11 3BF</p> | <p>Contact: Ms Amy Cole Tel: +44 (0) 121 697 9263 E-Mail: amy.cole@uk.zurich.com Website: www.zurich.co.uk/engineering</p> |
| <p>Inspection performed at/from the above address only</p> | | |

DETAIL OF ACCREDITATION

| Field of Inspection | Type and Range of Inspection | Methods and Procedures |
|--|--|---|
| Major, intermediate and minor pressure systems | - In-service inspection and certification of written schemes of examination - Inspection of repairs and modifications | Pressure System Safety Regulations 2000 SI 2000, No 128 Zurich Document DL 4 |
| Welding Procedures and Welder Qualification Tests | Verification and Approval | Zurich Document DL 1.10 |
| Power presses | In-service inspection | Provision and use of Work Equipment Regulations 1998 (PUWER 98) Zurich Document DL 3 |
| Lifting Equipment | In-service inspection | Lifting Operations and Lifting Equipment Regulations 1998 (LOLER 98) Zurich Document DL 2-EPM |
| Local Exhaust Ventilation Plant (LEV) | Initial appraisal and In-Service Inspection/Thorough Examination and Test on Engineering Controls | Zurich Document DL 2.9 Control of Substances Hazardous to Health Regulations 2002 Control of Substances Hazardous to Health Regulations (Northern Ireland) 2003 |
| LV Electrical Installations and associated equipment | Periodic inspection | Zurich Document DL 2.10 referencing BS 7671:2008 and Electricity at Work Regulations |
| Electrical Equipment in Quarries | Periodic inspection | Zurich Document DL 2.10 referencing BS 7671:2008 and Electricity at Work Regulations |



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|--|--|--|
| <p>Inspection of electrical installations in potentially explosive atmospheres (excluding petroleum filling stations) - visual, close and detailed.</p> <p>Onshore Non-Destructive Testing by Personnel Certificated to a recognised Personnel Certification Scheme</p> <p>Product Range Key:- <i>C: Casting (Excluded)</i> <i>F: Forgings (Excluded)</i> <i>W: Weldments (Included)</i> <i>I: In-service (Included)</i></p> | <p>Periodic inspection</p> <p>Magnetic Particle Inspection using Portable Equipment Black & Fluorescent Inks, Pre & In-service</p> <p>Liquid Penetrant Inspection using manual solvent and water washable dyes Pre & In-service</p> <p>Ultrasonic Flaw Detection and Thickness measurements using manual contact method Pre & In-service</p> | <p>Zurich Document DL 2.10 referencing BS 7671:2008 and Electricity at Work Regulations</p> <p>BS EN 1369 BS EN 10228-1 BS EN ISO 9934-1 BS EN ISO 17635 BS EN ISO 17638 ASME V Article 7 Zurich Document DL 1.4</p> <p><i>Product Range: W, I, F, C</i></p> <p>BS EN 10228-2 BS EN ISO 3452-1 BS EN ISO 17635 ASME V Article 6 ASME V Art 24 Zurich Document DL 1.4</p> <p><i>Product Range: W, I, F, C</i></p> <p>BS EN 10160 BS EN 10228-3 BS EN 10308 BS EN 12680-1 BS EN 14127 (withdrawn) BS EN ISO 16809 BS EN ISO 16810 BS EN ISO 17635 BS EN ISO 17640 ASME V Art 4 ASME V Art 23 SAFED Shell Boiler Guideline 1 SAFED Shell Boiler Guideline 2</p> <p>Zurich Document DL 1.4</p> <p><i>Product Range: W, I, F, C</i></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 (as amended) * | <i>Regulation 42 / Schedule 2</i> Conformity Assessment Modules A2, B, C2, D, D1, E, E1, F G, H, H1 <i>Regulations : Schedule 2 paragraph 21</i> | All descriptions of pressure equipment and assemblies covered by the Regulations. Categories II III and IV Approval of permanent joining procedures and personnel | Zurich Document DL 1.3 |
| Simple Pressure Vessels (Safety) Regulations 2016 (as amended) | <i>Schedule 2</i> Conformity Assessment Modules B, C1, C2, C | Simple Pressure Vessels manufactured in series | Zurich Document DL 1.3 |

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 BEIS 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 (Safety) Regulation 2016 (as amended) implementing Pressure Equipment Directive 2014/68/EU in Northern Ireland* | Conformity assessment procedures in accordance with Article 14 of the Directive Conformity Assessment Procedures A2, B, C2, D, D1, E, E1, F, G, H, H1 Directive: Annex I – 3.1.2 | All descriptions of pressure equipment and assemblies covered by the Regulations. Categories II III and IV Approval of permanent joining procedures and personnel | Zurich Document DL 1.3 |
| Simple Pressure Vessels (Safety) Regulations 2016 (as amended) | Conformity Assessment Modules B, C1, C2, C | Simple Pressure Vessels manufactured in series | Zurich Document DL 1.3 |

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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 |
|--|---|---|--|
| The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations SI 2009/1348 (As amended) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) (EU Exit) Regulations 2020 The Carriage of Dangerous Goods & Use of Transportable Pressure Equipment (NI) Regulations 2010 (as amended). | | | |
| PART 3 of the Approved Derogations & Transitional Provisions. | <ul style="list-style-type: none"> - Periodic inspection - Intermediate inspection | UK road, and rail, tanks* constructed before 10/05/04. Metallic tanks. for substances of Class(s) 2, 3, 4, 5, 6, 8 & 9 Vacuum-operated waste tanks for substances of Class(s) 3, 4.1, 5.1, 6.1, 8 & 9 | VCA Procedures for Inspection & Testing of UK Tanks |
| | <ul style="list-style-type: none"> - Type Approval - Supervision of construction - Initial inspection and test - Periodic inspection - Intermediate inspection | UK Road tanks for LPG * constructed in GB after 10/05/04 or in NI after 31/07/06 to EN 12493, Annex C. | EN 12972:2018 EN 12972:2007 (withdrawn) <i>Guidance for the application of EN 12972:2007</i> EN 12493:2013 (Annex C) (withdrawn) EN 12493:2013 + A1:2014 + AC:2015 (Annex C) Equipment EN 14332: 2014 EN 12252: 2005 + A1:2008 (until 31/12/2018) EN 12252: 2014 EN 13175: 2014 EN 14129: 2014 |



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| Directive/Regulation | Directive/Regulation | Directive/Regulation | Directive/Regulation |
|--|--|--|--|
| The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations SI 2009/1348 (As amended) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) (EU Exit) Regulations 2020 The Carriage of Dangerous Goods & Use of Transportable Pressure Equipment (NI) Regulations 2010 (as amended). | | | |
| RID, ADR Chapter 6.8 | <ul style="list-style-type: none"> - Type Approval - Initial inspection and test - Periodic inspection - Intermediate inspection | Tanks with shells of Metallic Material* (chapter 6.8) <ul style="list-style-type: none"> - Fixed tanks (road tanks) - Demountable tanks - Tank wagons (rail tanks) - Tank containers - Tank swap bodies for substances of Class(s) 3, 4, 5, 6, 8 & 9 | EN 12972:2018 EN 12972:2007 (withdrawn) <i>Guidance for the application of EN 12972:2007</i> EN 14025:2003+AC:2005 (until 30/06/2009) EN 14025:2008 (until 31/12/2016) EN 14025:2013 (until 31/12/2018) EN 14025:2013+A1:2016 (except annex B) EN 13094:2004 (until 31/12/2009) EN 13094:2008+AC:2008 (until 31/12/2018) EN 13094:2015 Equipment EN 14432: 2006 (until 31/12/2018) EN 14432: 2014 EN 14433: 2006 (until 31/12/2018) EN 14433: 2014 EN 13082: 2008+A1:2012 EN 13308: 2002 EN 13314: 2002 EN 13316: 2002 EN 13317: 2002 + A1:2006 (until 31/12/2020) EN 14595: 2005 (until 31/12/2020) EN 16257: 2012 |
| RID, ADR Chapter 6.10 | <ul style="list-style-type: none"> - Type Approval - Initial inspection and test - Periodic inspection - Intermediate inspection | Vacuum-operated waste tanks * (Chapter 6.10) for substances of Classes: 3, 4.1, 5.1, 6.1, 8 & 9 | EN 12972:2018 EN 12972:2007 (withdrawn) <i>Guidance for the application of EN 12972:2007</i> EN 14025:2003+AC:2005 (until 30/06/2009) EN 14025:2008 (until 31/12/2016) EN 14025:2013 (until 31/12/2018) EN 14025:2013+A1:2016 (except annex B) |



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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 |
|--|---|---|--|
| <p>The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations SI 2009/1348 (As amended) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) (EU Exit) Regulations 2020</p> | | | |
| <p>RID, ADR Chapter 6.8 (GB Only)</p> | <p>Conformity assessment inc - Type Approval - Supervision of construction - Initial inspection & test - Periodic inspection - Intermediate inspection</p> | <p>Tanks with shells of Metallic Materials * (chapter 6.8) - Fixed tanks (road tanks) - Tank wagons (rail tanks) - Demountable tanks - Tank containers - Tank swap bodies - Battery vehicles (road) - Battery wagons (rail) - MEGCs for substances of Class 2</p> | <p>Conformity assessment according to ADR 1.8.7 EN 12972:2018 EN 12972:2007 (withdrawn) <i>Guidance for the application of EN12972:2007</i> EN 14025:2003+AC:2005 (until 30/06/2009) EN 14025:2008 (until 31/12/2016) EN 14025:2013 (until 31/12/2018) EN 14025:2013+A1:2016 (except annex B) EN 12493:2013 + A1:2014 + AC:2015 (Except Annex C) EN 13530-2:2002 (until 30/06/2007) EN 13530-2:2002/A1:2004 EN 14334: 2014 EN 14398-2:2003 (Except table 1) (Unitl 31/12/2016) EN 14398-2:2003 + A2:2008 (Except table 1) EN 13807:2003 (until 31/12/2020) Equipment EN 14432:2006 (until 31/12/2018) EN 14432:2014 EN 12252:2005 + A1:2008 EN 12252:2014 EN 14129:2014 EN 1626:2008 (except valve category B) EN 13648-1: 2008 EN 13175: 2014</p> |



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|--|---|---|--|
| <ul style="list-style-type: none"> • The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) (EU Exit) Regulations 2020: • The Carriage of Dangerous Goods & Use of Transportable Pressure Equipment (Northern Ireland) Regulations 2010 (as amended). • The Merchant Shipping (Dangerous Goods and marine Pollutants) regulations 1997 | | | |
| RID, ADR and the IMDG Code, Chapter 6.7 | Type Approval Supervision of construction Initial inspection and test Periodic inspection Intermediate inspection | Portable Tanks* (Chapter/s 6.7.2, 6.7.3, 6.7.4, 6.7.5) for substances of Class(s) 2, 3, 4, 5, 6, 8 & 9 IMO Type 1 & 2, 5 & 7 IMO Type 4, 6, & 8 Road Tank Vehicles* | EN 12972:2018 EN 12972:2007 (withdrawn) IMO Res A.581(14) (as amended) EN 14025:2008 (withdrawn) PD5500:2009 +A2:2010 (withdrawn) ASME VIII : Div.1 ASME VIII : Div.2 AD 2000 (Merkblatt) CODAP 2000 Stoomwezen Zurich Procedure DL 1-3 4.5 DSC/Circ.12 (as amended) IMO Res A.581(14) (as amended) Zurich Procedure DL 1-3 4.5 |

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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 | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|------|-----|---------------------|-----|-----|-----|---------------------------|-----|-----|-----|-----|-----|-----|----|----|---|-------------------------------|----|----|---|---|---|---|---|---|
| <ul style="list-style-type: none"> The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) (EU Exit) Regulations 2020 The Carriage of Dangerous Goods & Use of Transportable Pressure Equipment (NI) Regulations 2010 (as amended). | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PART 3 of the Approved Derogations & Transitional Provisions | Exceptional Check - Periodic - Intermediate | UK road, and rail, tanks* Constructed before 10/05/04 and in NI before 31/07/06. - Metallic Tanks - Classes 2,3,4,5,6,8,9 | VCA - Testing and Inspection of UK Tanks - Table 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADR / RID / IMDG (Merchant Shipping Regulations 1997) 6.7 / 6.8 / 6.10 (UK LPG, IMO Portable, Offshore Portable Tanks) | Exceptional Check - Periodic - Intermediate EN 12972: 2018 | Guidance for Application of 12972 - <i>Metallic Tanks</i> - <i>Classes 3,4,5,6,8,9</i> | EN 12972:2018 EN 12972:2007 (withdrawn) - <i>Repairs which may have impaired safety</i> - <i>Alterations - May have impaired safety</i> - <i>After extensive damage/repair</i> - <i>After localised damage/repair</i> - <i>After extensive alteration</i> - <i>After minimal structural alteration</i> | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Clause 4.7.2 | <table border="1"> <tr><td>A.1</td><td>A.2</td><td>A.3</td><td>A.4</td><td>A.5</td><td>B.1</td><td>B.2</td><td>B.3</td></tr> <tr><td>B.4</td><td>B.5</td><td>B.6</td><td>B.8</td><td>B.9</td><td>-</td><td>-</td><td>-</td></tr> </table> | A.1 | A.2 | A.3 | A.4 | A.5 | B.1 | B.2 | B.3 | B.4 | B.5 | B.6 | B.8 | B.9 | - | - | - | Annex A-4 - Group A, B “ “ | | | | | | | | |
| | | A.1 | A.2 | A.3 | A.4 | A.5 | B.1 | B.2 | B.3 | | | | | | | | | | | | | | | | | | | |
| | | B.4 | B.5 | B.6 | B.8 | B.9 | - | - | - | | | | | | | | | | | | | | | | | | | |
| | | Clause 4.7.3 | <table border="1"> <tr><td>T6</td><td>T7</td><td>B2</td><td>B5</td><td>A3</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>T1</td><td>T2</td><td>T3</td><td>T5</td><td>B1</td><td>B3</td><td>B4</td><td>-</td></tr> <tr><td>B6</td><td>B7</td><td>A1</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </table> | T6 | T7 | B2 | B5 | A3 | - | - | - | T1 | T2 | T3 | T5 | B1 | B3 | B4 | - | B6 | B7 | A1 | - | - | - | - | - | Annex A-2 - Group 3 - Group 3 & 4 - Group 3 & 4 |
| | | T6 | T7 | B2 | B5 | A3 | - | - | - | | | | | | | | | | | | | | | | | | | |
| | | T1 | T2 | T3 | T5 | B1 | B3 | B4 | - | | | | | | | | | | | | | | | | | | | |
| | | B6 | B7 | A1 | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| Clause 4.7.3, 4.7.4 | <table border="1"> <tr><td>B.10</td><td>B.11</td><td>B.12</td><td>-</td></tr> </table> | B.10 | B.11 | B.12 | - | Annex A-4 - Group B | | | | | | | | | | | | | | | | | | | | | | |
| B.10 | B.11 | B.12 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clause 4.7.4 | <table border="1"> <tr><td>B2</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </table> | B2 | - | - | - | - | - | - | - | Annex A-2 - Group 3 and 4 | | | | | | | | | | | | | | | | | | |
| B2 | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | |
| Clause 4.7.5 | <table border="1"> <tr><td>C.1</td><td>C.2</td><td>C.3</td><td>C.4</td><td>C.5</td><td>D.1</td><td>D.2</td><td>D.7</td></tr> </table> | C.1 | C.2 | C.3 | C.4 | C.5 | D.1 | D.2 | D.7 | Annex A-4 - Group C, D | | | | | | | | | | | | | | | | | | |
| C.1 | C.2 | C.3 | C.4 | C.5 | D.1 | D.2 | D.7 | | | | | | | | | | | | | | | | | | | | | |
| Clause 4.7.6 | <table border="1"> <tr><td>B.7</td><td>D.3</td><td>D.4</td><td>D.5</td><td>D.6</td><td>-</td><td>-</td><td>-</td></tr> </table> | B.7 | D.3 | D.4 | D.5 | D.6 | - | - | - | Annex A-4 - Group B, D | | | | | | | | | | | | | | | | | | |
| B.7 | D.3 | D.4 | D.5 | D.6 | - | - | - | | | | | | | | | | | | | | | | | | | | | |
| Clause 4.7.7 | Lined Tanks | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADR: 6.8 | Exceptional Check - Periodic - Intermediate EN12972:2018 Clauses 4.7.1 to 4.7.7 EN12972:2007 (withdrawn) Clause 4.5.1 to 4.5.7 | - Metallic Tanks - Class 2 | EN 12972:2018 EN 12972:2007 (withdrawn) | | | | | | | | | | | | | | | | | | | | | | | | | |

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