


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

|   |  |   |
|---|--|---|
| <br><b>0135</b><br>Accredited to<br>ISO/IEC 17025:2017 | <b>BSI Assurance UK Limited</b>  |   |
|   | Issue No: 103 Issue date: 18 December 2023   |   |
|   | <b>BSI</b><br>Kitemark Court<br>Davy Avenue<br>Knowlhill<br>Milton Keynes<br>MK5 8PP | Sales Enquiry Tel: +44 (0)845 080 9000<br>Sales Enquiry Email: Certification.Sales@bsigroup.com<br>BSI Website: www.bsigroup.com<br>Regulatory Contact: Lee Neale<br>Email: regulatory.enquiries@bsigroup.com |
| Testing performed by the Organisation at the locations specified below  |  |   |

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

| Location details   | Activity  | Location code |
|--|---|---------------|
| <b>Address</b><br>Kitemark House<br>Maylands Avenue<br>Hemel Hempstead<br>Hertfordshire<br>HP2 4SQ<br><br><b>Local contact</b><br>Lee Neale<br>Email: regulatory.enquiries@bsigroup.com<br>Website: www.bsigroup.com | Polymeric products; Protective headwear; Eye protection; Respiratory protection devices; Latex products; Fire detection & fire alarm systems; Environmental testing; Construction and Building products testing (including CPR System 3 AB/NB activities); Fenestration; Plumbing and copper cylinders; Glass | A             |
| <b>Address</b><br>BSI<br>Holywell Park<br>Ashby Road<br>Loughborough<br>Leicestershire<br>LE11 3AQ<br><br><b>Local contact</b><br>Lee Neale<br>Email: regulatory.enquiries@bsigroup.com<br>Website: www.bsigroup.com | Gas Appliance Testing; Gas Controls; Commercial Catering Equipment; Electrical Safety; Medical equipment; Electronic equipment & components; Electrical components; Electrical equipment; Lighting & photometry; Electric Vehicle charging systems  | D             |

#### Site activities performed away from the locations listed above:

| Location details                                      | Activity                    | Location code |
|---|-----------------------------|---------------|
| Suitable commercial and industrial premises and sites | Portable fire extinguishers | C             |



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### Flexible Scope

The laboratory is accredited to ISO/IEC17025:2017 for testing activities in accordance with the standards in the schedule. This may also include tests on the same or similar product types against standards, or customer-specified methods that are not specifically listed in this Schedule, providing that:

- (1) The method or standard does not introduce new principles of measurement.
- (2) The method or standard does not require measurements to be made outside the parametric boundaries defined in this Schedule.

Information about flexible scopes of accreditation is available in UKAS document GEN4 and EA document EA-2/15.



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DETAIL OF ACCREDITATION

| Materials/Products tested   | Type of test/Properties measured/Range of measurement   | Standard specifications/ Equipment/Techniques used   | Location Code |
|---|---|--|---------------|
| <b>POLYMERIC PRODUCTS</b>   |   |  |               |
| Plastics piping systems for water supply, and for drainage and sewerage under pressure.                       | Dimensional<br>Load: tension and compression<br>Impact<br>Pressure<br>Thermal stability<br>Impact Performance | BS EN 12201-2:2011 + A1:2013<br>BS EN 12201-3:2011 + A1:2012<br>BS EN 12201-5:2011   | A             |
| Plastics piping systems. Polyethylene (PE) pipes and fittings for water supply                                | Dimensional<br>Temperature / Pressure<br>Physical Properties  | BS ISO 4427-2:2019 + A1:2023<br>BS ISO 4427-3:2019   |               |
| Plastics piping systems for the supply of gaseous fuels   | Dimensional<br>Temperature<br>Pressure<br>Physical Properties<br>Markings                                     | BS ISO 4437-2:2014 Excluding: Clause 7.2 Table 4 (RCP)<br>BS ISO 4437-3:2014   |               |
| Specification for Polyethylene Pipes and Fittings for Natural Gas and Suitable Manufactured Gas               | Dimensional<br>Temperature<br>Pressure<br>Physical Properties<br>Markings                                     | GIS/PL2-4:2019<br>GIS/PL2-8:2014   |               |
| Plastics Piping Systems For Soil And Waste Discharge (Low And High Temperature) Within The Building Structure | Dimensional<br>Load: bending<br>Impact<br>Pressure<br>Thermal stability<br>Performance                        | BS EN 1055:1996<br>BS EN 1451-1:2000 Excluding clauses 4.3, 4.5 and 8.1 Table 13 (MFR only) and 9 Table 16 (Long term performance of TPE seals only)<br>BS EN 1455-1:2022<br>BS EN 1519-1:2000 Excluding clauses 4.3, 4.5 and 7.1 Table 10 (MFR only) and 8 Table 13 (Long term performance of TPE seals only)<br>BS EN 1565-1:2000 Excluding clause 9 Table 19 (Long term performance of TPE seals only)<br>BS EN 1566-1:2022 | A             |



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| <b>POLYMERIC PRODUCTS</b><br>(cont'd)   |  |  |               |
| Hot And Cold Water Pipes  | Dimensional<br>Endurance<br>Impact<br>Pressure   | BS 7291-1:2010 excluding<br>Clauses 6.5 Cyclic Pressure, 6.6<br>Opacity and 6.7 Oxygen<br>Permeability<br>BS 7291-2:2010 + A1:2023<br>BS 7291-3:2010   | A             |
| Pvc-U Pressure Pipes And<br>Fittings  | Dimensional<br>Load: tension and<br>compression<br>Impact<br>Pressure<br>Thermal stability<br>Performance                    | BS EN ISO 1452-2:2009 Excluding<br>Clause 4.2 Density<br>BS EN ISO 1452-3:2009 Excluding<br>Clauses 4.2 Density and 8.2 Crush<br>Tests<br>BS EN ISO 1452-5:2009 Excluding<br>clause 4.3  | A             |
| White Upvc Plastic With<br>Welded Corner Joints -<br>Materials Type A         | Dimensional<br>Load: bending and tensile<br>Thermal stability<br>Impact (Non-instrumented<br>method only)<br>Performance     | BS EN 12608-1:2016 + A1:2020<br>Excluding clause 5.9.1<br>BS 7619:2021<br>BS EN ISO 179-1:2001   | A             |
| Sharps Containers   | Dimensional<br>Impact<br>Performance   | BS EN ISO 23907:2012<br>BS EN ISO 23907-1:2019<br>AS 4031:1993   | A             |
| Conduits And Fittings For<br>Electrical Installations                         | Construction requirements<br>Dimensional<br>Load: tension and<br>compression<br>Pressure<br>Thermal stability<br>Performance | BS 4568-1:1970<br>BS 4662:2006<br>BS EN 50086-2-4:1994<br>BS EN 61386-1:2004 (superseded)<br>BS EN 61386-1:2008<br>BS EN 61386-21:2021 + A11:2021<br>BS EN 61386-21:2004 + A11:2010<br>BS EN 61386-22:2021 + A11:2021<br>BS EN 61386-22:2004 + A11:2010<br>BS EN 61386-23:2021 + A11:2021<br>BS EN 61386-23:2004 + A11:2010<br>BS EN 61386-24:2010 | A             |
| Metallic And<br>Non-Metallic<br>Rigid Plain Conduit Of<br>Insulating Material |  |  |               |
| Galvanised Products   | Determination of galvanising<br>mass per unit area   | BS EN ISO 1460:1995  | A             |



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| <b>ENGINEERING INDUSTRIAL PRODUCTS</b><br><br>Official Identification Ear Tags For Cattle, Sheep And Goats | Mechanical & Performance tests  | PAS 44:2019 excluding clauses 4.3.1, 4.3.3 and 4.3.4<br>PAS 66:2019 excluding clauses 4.3.1, 4.3.3 and 4.3.4   | A             |
| Manhole Covers, Road Gully Gratings, Frames And Linear Drainage (Classes A To D)                           | Construction requirements<br>Dimensional<br>Performance   | BS EN 124:1994<br>BS EN 1433:2002<br>PAS 26:1998   | A             |
| Portable Fire Extinguishers  | Capacity<br>Construction requirements<br>Dimensional<br>Electrical resistance<br>Finish<br>Impact<br>Mass<br>Performance<br>Resistance to shock and mechanical damage<br>Retention of charge following partial discharge<br>Pressure<br>Thermal stability<br>Tamping<br>Discharge<br>Corrosion resistance | BS EN 3:1996<br>Excluding Part 1, Clause 7, Part 2, Clause 4, Part 3, Clause 11, Part 5, Clause 4.7.3<br><br>BS EN 3-7:2004 + A1:2007<br>Excluding Clause 9<br><br>BS EN 3-10:2009<br>Annex C, Reports only<br><br>BS EN 1866-1:2007<br>Excluding clause 8.2<br><br>BS 6165:2019 + A1:2022<br>BS 6165:2002<br>Clauses 4.1, 4.2, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.2, 7.1, 7.2, 7.3, 7.4, 7.5 and 9<br><br>AS/NZS 1841-1:2007<br>excluding clauses 5.4, 6.8, 6.13 and 10<br>AS/NZS 1841-2:2007<br>AS/NZS 1841-3:2007<br>AS/NZS 1841-4:2007<br>AS/NZS 1841-5:2007<br>AS/NZS 1841-6:2007<br>AS/NZS 1841-7:2007<br>AS/NZS 1841-8:2007<br>AS/NZS 1850:2009 | A             |



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| <b>ENGINEERING INDUSTRIAL PRODUCTS (cont'd)</b>  |   |   |               |
| Fixed firefighting systems - Hose systems - Hose reels with semi-rigid hose              | Construction requirements<br>Dimensional<br>Performance<br>Pressure | BS EN 671-1:2012<br>Excluding Annex C<br>BS EN 671-1:1995 (Withdrawn)<br>Excluding clause 9.2 | A             |
| Fixed firefighting systems - Hose systems - Hose systems with lay-flat hose              | Construction requirements<br>Dimensional<br>Performance<br>Pressure | BS EN 671-2:2012  | A             |
| Fire-fighting hoses. Non-percolating layflat hoses for fixed systems                     | Dimensional<br>Temperature<br>Pressure<br>Performance<br>Marking    | BS EN 14540:2014  | A             |
| Specification for underground fire hydrants and surface box frames and covers            | Construction requirements<br>Dimensional<br>Performance             | BS 750:2012   | A             |
| Pillar fire hydrants   | Construction requirements<br>Dimensional<br>Performance<br>Marking  | BS EN 14384:2005  | A             |
| Fire hydrant systems equipment - Specification for landing valves for wet risers         | Construction Requirements<br>Dimensional<br>Marking                 | BS 5041-1:1987 inc. amd 1, excluding clauses 4.3, 6, 8, 18, 19, 22, 23, 24, 26 and 27         | A             |
| Fire hydrant systems equipment - Specification for landing valves for dry risers         | Construction Requirements<br>Dimensional<br>Performance<br>Marking  | BS 5041-2:1987 inc. amd 1, excluding clauses 5, 7 and 17                                      | A             |
| Fire hydrant systems equipment - Specification for Inlet breechings for dry riser inlets | Construction Requirements<br>Dimensional<br>Performance<br>Marking  | BS 5041-3:1975 inc. amd 1, excluding clauses 4.3, 4.4 and 10                                  | A             |
| Specification for fire hose couplings and ancillary equipment                            | Dimensional<br>Pressure<br>Performance<br>Marking                   | BS 336:2010   | A             |



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| <b>ENGINEERING INDUSTRIAL PRODUCTS (cont'd)</b>  |   |   |               |
| Semi-Rigid Hose  | Pressure<br>Dimensional<br>Performance  | BS EN 694:2014  | A             |
| Lay-flat hoses   | Dimensions<br>Mass<br>Hydrostatic pressure<br>Adhesion<br>Moisture absorption<br>Flexibility<br>Heat aging<br>Hot surface resistance<br>Abrasion resistance<br>Oil resistance<br>Hose assembly – couplings & leakage checks<br>Markings | BS 6391:2009 Clause 6<br>BS 6391:2009 Clause 7<br>BS 6391:2009 Clause 8.1<br>BS 6391:2009 Clause 8.2<br>BS 6391:2009 Clause 8.3<br>BS 6391:2009 Clause 8.4<br>BS 6391:2009 Clause 8.5<br>BS 6391:2009 Clause 8.6<br>BS 6391:2009 Clause 8.8<br>BS 6391:2009 Clause 8.9<br>BS 6391:2009 Clause 10.3 only<br>BS 6391:2009 Clause 11 | A             |
| Hose Clamps<br>(Worm Drive Type)   | Construction requirements<br>Dimensional<br>Finish: coating thickness<br>Load: torque<br>Performance  | BS 5315:1991  | A             |
| Surface boxes, guards and underground chambers for the purposes of utilities.<br>Specification for surface boxes | Construction requirements<br>Dimensional<br>Performance   | BS 5834-2:2011  | A             |
| Valves (Engineering)   | General:<br>Construction requirements<br>Dimensional<br>Finish<br>Performance<br>Pressure   | BS EN 12266:Part 1:2003<br>BS EN 12266:Part 2:2002(E)<br>Excluding Annex B2, Clause 4<br>Table ref to:<br>Anti Static Design at 12V<br>Anti Static Design at 100V<br>Fire Test Design   | A             |
| Tank equipment for the transport of liquid chemicals and liquefied gases. Product discharge and air inlet valves |   | BS EN 14432:2014  |               |



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|--|---|--|---------------|
| <b>PROTECTIVE HEADWEAR</b>                           | <u>Mechanical, Physical and Practical Performance Tests</u><br><u>Visual Inspection</u> |  |               |
| Industrial Safety Helmets                            | Excluding Molten metal splash   | BS EN 397:2012+A1:2012   | A             |
| Industrial Bump Caps                                 |   | BS EN 812:2012   | A             |
| Roller Skaters, Skateboards, Pedal Cyclists' Helmets |   | BS EN 1078:2012+A1:2012  | A             |
| Helmets For Equestrian Activities                    |   | BS EN 1384:2023<br>PAS 015:2011Thermal   | A             |
| Helmets For Canoeing And White Water Sports          |   | BS EN 1385:2012  | A             |
| Protective Helmets For Vehicle Users                 |   | ECE Reg. 22.05 excluding visors<br>BS 6658:1985(1995)<br>Australian standard:<br>AS/NZ 1698:2006 | A             |
| Cricketers Helmets                                   |   | BS 7928:2013 + Corr 1<br>Excluding clause 6.2  | A             |
| Helmets For Airborne Sports                          |   | BS EN 966:2012+A1:2012   | A             |
| Helmets For Alpine Skiers                            |   | BS EN 1077:2007  | A             |
| Helmets for Mountaineers                             | Impact energy, size, fit and retention  | BS EN 12492:2012   | A             |
| Electrically Insulated Helmets                       | Conductivity, impact energy, size, fit and retention                                    | BS EN 50365:2002   | A             |
| Industrial Helmets                                   | Impact energy, size, fit and retention  | BS EN 14052:2012 + A1:2012   | A             |





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|--|---|--|---------------|
| <b>EYE PROTECTION</b>                                    |   |  |               |
| Eye Protectors For Motor Cyclists And Racing Car Drivers | Mechanical & Optical                                  | BS 4110:1979 (Withdrawn)<br>AS 1609:1981   | A             |
| Surface Swimming Goggles                                 | Mechanical Tests                                      | BS 5883:1996   | A             |
| Personal & Industrial Eye Protection                     | Mechanical and Optical tests                          | BS EN 166:2002 excluding clauses 7.3.2 and 7.3.3<br>EN 166:2001<br>BS EN 167:2002<br>Excluding clause 4.2.1, 8<br>BS EN 168:2002<br>Excluding clause 3.1 & 4, 16 | A             |



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| <b>RESPIRATORY PROTECTION DEVICES</b>  | <u>Mechanical, physical and practical performance tests including visual inspection and marking</u> |  |               |
| Half Masks And Quarter Masks For Respiratory Protective Devices  |   | BS EN 140:1999                                     | A             |
| Particle Filters Used In Respiratory Protective Equipment  |   | BS EN 143:2021<br>BS EN 143:2000                   | A             |
| Filtering Half Masks To Protect Against Particles  |   | BS EN 149:2001 + A2:2009                           | A             |
| Full Face Masks  |   | BS EN 136:1998                                     | A             |
| Self-contained open-circuit compressed air breathing apparatus with full face mask   |   | BS EN 137:2006<br>Excluding clause 6.11.2.2        | A             |
| Continuous flow compressed air line breathing apparatus  | Excluding Hood material testing and SF6 test  | BS EN 14594:2018                                   | A             |
| Respiratory Protective Devices   |   | AS/NZS 1716:2012<br>Sections 5 & 6 only            | A             |
| Respiratory protective devices Part 1: General   |   | BS ISO 17420-1:2021                                | A             |
| Part 2: Requirements for Filtering RPD   |   | BS ISO 17420-2:2021                                | A             |
| Part 5: Special application fire and rescue services. Supplied breathable gas RPD and filtering RPD                        |   | BS ISO 17420-5:2021                                | A             |
| Part 7: Special application marine, mining, welding, and abrasive blasting - Filtering RPD and supplied breathable gas RPD |   | BS ISO 17420-7:2021                                | A             |



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| <b>RESPIRATORY PROTECTION DEVICES</b><br>(cont'd)                                     | Visual Inspection<br>Mechanical Strength<br>Conditioning<br>Practical Performance<br>Breathing Resistance<br>Gas Capacity<br>Filter Penetration, Clogging<br>Strength of Attachment etc. |   |               |
| Powered Particle Filtering Devices Incorporating Helmets Or Hoods                     | Excluding SF6, NOX, Hg, AX and SX Tests  | BS EN 12941:1998 + A2:2008<br>Excluding Clauses 6.11.2.4.3, 6.11.2.4.4 and 6.11.2.4.5   | A             |
| Powered Filtering Devices Incorporating Full Face Masks, Half Masks And Quarter Masks | Excluding SF6, NOX, Hg, AX and SX Tests  | BS EN 12942:1998 + A2:2008<br>Excluding Clauses 6.11.2.4.3, 6.11.2.4.4 and 6.11.2.4.5   | A             |
| Gas Filters and Combined Filters  | Excluding NOX, Hg, AX and SX Tests   | BS EN 14387:2021<br>Excluding clause 6.6.5  | A             |
| Valved filtering half masks to protect against gases or gases and particles           | Excluding AX and SX tests  | BS EN 405:2001 + A1:2009  | A             |
| <b>LATEX PRODUCTS</b>   |  |   |               |
| Natural Rubber Latex Male Condoms   | Airburst<br>Dimensional<br>Freedom from holes<br>Freedom from visible defects<br>Package integrity   | BS EN ISO 4074:2015<br>Clauses 9, 10, 12, 13, 14 and 15 only  | A             |
| Male Condoms made from synthetic materials  | Design<br>Burst Volume/Pressure<br>Freedom from holes<br>Freedom from visible defects<br>Package Integrity<br>Package and labelling  | BS ISO 23409:2011<br>Clauses 8, 11, 12, 14, 15 and 16 only  | A             |
| Single Use, Sterilized Medical Rubber Gloves  | Freedom from holes<br>Dimensional<br>Force at break<br>Labelling   | BS EN 455-1:2020<br>BS EN 455-2:2000 (Withdrawn)<br>BS EN 455-2:2009 excluding clause 5.2.1<br>BS EN 455-3:2006 Clause 4.6 only | A             |



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| <b>FIRE DETECTION &amp; FIRE ALARM SYSTEMS</b> |  |  |               |
| Control & Indicating Equipment                 | Functionality, Mechanical, Performance and Physical Testing<br>Verification of design requirements | BS EN 54-2:1997 inc. amd 1 & 2<br>Excluding clause 15.8<br>AS7240-2:2004 (R2016)<br>excluding clause 16.8                                  | A             |
| Electrical Automatic Control & Delay Panels    | Functionality, Mechanical, Performance and Physical Testing<br>Verification of design requirements | BS EN 12094-1:2003 excluding clause 9.5  | A             |
| Heat Detectors                                 | Functionality, Mechanical, Performance and Physical Testing<br>Verification of design requirements | BS EN 54-5:2017 + A1:2018<br>Class A, B & C excluding clauses 4.6.3, 4.6.4.1, 4.6.5<br>AS7240-5+A1 2007<br>excluding clauses 5.13 and 5.17 | A             |
| Heat Alarms                                    | Functionality, Mechanical, Performance and Physical Testing<br>Verification of design requirements | BS 5446-2:2003 Class A & B<br>excluding clause 5.13  | A             |
| Manual Call Points                             | Functionality, Mechanical, Performance and Physical Testing<br>Verification of design requirements | BS EN 54-11: 2001 inc. amd 1<br>excluding Clause 5.13<br>AS7240-11:2008<br>excluding 5.18 and 5.20   | A             |
| Power Supply Equipment                         | Functionality, Mechanical, Performance and Physical Testing<br>Verification of design requirements | BS EN 54-4:1998 inc. amd 1 & 2<br>Excluding clause 9.9<br>AS7240-4:2004+A1:2016<br>Excluding clause 9.9                                    | A             |
| Smoke Alarm Devices                            | Functionality, Mechanical, Performance and Physical Testing<br>Verification of design requirements | BS EN 14604:2005 excluding Clause 5.10, 5.14 & 5.15<br><br>AS3786:2014 excuding clauses 5.13 and 5.14                                      | A             |



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| <b>FIRE DETECTION &amp; FIRE ALARM SYSTEMS (cont'd)</b> |   |  |               |
| Smoke Detectors   | Functionality, Mechanical, Performance and Physical Testing<br>Verification of design requirements            | BS EN 54-7:2018 excluding clauses 5.7.3, 5.7.4.1, 5.7.5, 5.18<br>AS7240-7:2004<br>excluding clauses 5.13 and 5.17  | A             |
| System Components Compatibility                         | Functionality, Physical Testing<br>Verification of design requirements  | BS EN 54-13:2005<br>Excluding Section 5.5<br>AS7240-13:2006(R2016)<br>excluding 5.18<br><br>BS EN 54-13:2017   | A             |
| Sounders  | Functionality, Mechanical, Performance and Physical Testing<br>Verification of design requirements            | BS EN 54-3:2001 inc. amd 1 & 2<br>excluding Clause 5.11 & 5.16<br><br>AS ISO7240-3:2014<br>excluding 5.11 and 5.16<br><br>BS EN 54-24:2008<br>excluding 5.13 and 5.14<br><br>AS ISO7240-24:2015<br>excluding 5.13 and 5.14 | A             |
| Voice alarm control and indicating equipment            | Functionality, Mechanical, Performance and Physical Testing<br>Verification of design requirements<br>Marking | BS EN 54-16:2008   | A             |
| Short-circuit isolators                                 | Functionality, Mechanical, Performance and Physical Testing<br>Marking  | BS EN 54-17:2005<br>Excluding:<br>- SO <sub>2</sub><br>- EMC<br>AS7240-17:2015<br>excuding clause 5.13   | A             |
| Input/output devices                                    | Functionality, Mechanical, Performance and Physical Testing<br>Marking  | BS EN 54-18:2005<br>AS7240-18:2015<br>excluding clauses 5.7 and 5.12   | A             |



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| Materials/Products tested  | Type of test/Properties measured/Range of measurement             | Standard specifications/ Equipment/Techniques used   | Location Code |
|--|---|--|---------------|
| <b>FIRE DETECTION &amp; FIRE ALARM SYSTEMS</b> (cont'd)                                |   |  |               |
| Fire alarm devices. Visual alarm devices   | Functionality, Mechanical, Performance and Physical Testing       | BS EN 54-23:2010<br>AS7240-23:2014<br>excluding 5.4.4 and 5.17   | A             |
| Fire Detection and Alarm Systems in buildings  | Functionality, Mechanical, Performance, Physical Testing, Marking | NZS 4512:2010<br>Including 204 – 205 – 206 – 207 – 208 – 209 – 210 – 211 – 212 – 213 – 214 – 215 – 216 – 218 – 219b – 220 (excluding 220.1 & 220.8b) – 221 – 223 – 224<br><br>Annex D<br>D2 – D3 – D4 – D5 – D6 – D7 – D8 – D9<br><br>Annex E<br>E1 - E3 - E4 - E5 - E6 - E7 - E8 - E9 - E10 - E11 - E12<br><br>Annex F<br>F2 - F3 - F4.1 - F4.3 - F5. | A             |
| Fire Detection, Warning, Control and Intercom Systems – Control & Indicating Equipment | Functionality, Mechanical, Performance, Physical Testing, Marking | DS AS 4428.16-2018   | A             |



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|--|---|---|-------------------|
| <p><b>ENVIRONMENTAL TESTING</b></p> <p>Electrical, Electronic And Mechanical Components:</p> <p>Automotive<br/>Connect-Ors, Capacitors, Circular Connectors, Coaxial Connectors, Printed Circuit Connectors Resistors, Switches, Transformers, Electrical, Electronic And Mechanical<br/>Equipment Control Units, Communications<br/>Equipment, Computers, Digital Equipment, Medical Equipment, Television Sets, Video Recorders, Fire Detection &amp; Fire Alarm Systems</p> <p>Enclosures<br/>(All Types)</p> | <p>Dynamic Tests</p> <p>Vibration - Sinusoidal<br/>Horizontal and vertical (ambient temperature)<br/>Electrodynamical vibrator Freq range 5-3000 Hz Max peak thrust: 13.3 kN<br/>Max pk/pk displacement: 50.8 mm<br/>Max item mass 340 Kg<br/>Max slip table size: 750 x 750mm</p> <p>Degree of protection against ingress by:<br/>dust<br/>solid objects<br/>water</p> | <p>BS EN 60068-2-6:1996<br/>IEC 60068-2-6:1982</p> <p>BS EN 60529:1992 + A2:2013<br/>Excluding IPX1 and IPX2<br/>BS EN 60598-1:2015</p> | <p>A</p> <p>D</p> |



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|--|---|---|---------------|
| <b>ENVIRONMENTAL TESTING</b><br>(cont'd) |   |   |               |
| Electrical/Electronic Components         | High Temperature<br>Max temp: 70 °C<br>Chamber size:<br>3.0 m x 2.5 m x 2.2 m | IEC 60068-2-2:1974 Tests Ba, Bb                         | A             |
| Electrical/Electronic Equipments         |   |   |               |
| Mechanical Components                    | Max temp: 100 °C<br>Chamber size:<br>0.8 m x 0.6 m x 0.7 m                    |   |               |
| Mechanical Equipments                    | Max temp: 130 °C<br>Chamber size:<br>1.0 m x 1.0 m x 1.0 m                    |   |               |
|  | Low Temperature<br>Min temp: -30 °C<br>Chamber size:<br>3.0 m x 2.5 m x 2.2 m | BS EN 60068-2-1:2007<br>IEC 60068-2-1:1990 Tests Aa, Ab | A             |
|  | Min temp: -40 °C<br>Chamber size:<br>0.8 m x 0.6 m x 0.7 m                    |   |               |
|  | Min temp: -65 °C<br>Chamber size:<br>1.0 m x 1.0 m x 1.0 m                    |   |               |





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|--|---|---|---------------|
| <b>ENVIRONMENTAL TESTING</b><br>(cont'd)         |   |   |               |
| Electrical, Electronic And Mechanical Components | High Humidity (constant & cyclic)<br><br>Temp range: +10 °C to +80 °C<br>Humidity range:<br>75% to 98% rh<br>Max chamber size:<br>0.8 m x 0.6 m x 0.7m<br><br>Temp range:+10 °C to +60 °C<br>Humidity range:<br>20% to 98% rh<br>Max chamber size:<br>3.0 m x 2.5 m x 2 m | BS 2011:Part 2.1:1977(1987)<br>Test Ca<br>BS 2011:Part 2.1:1990 Test Cb<br>IEC 60068-2-3:1969<br>BS 2011:Part 2.1:1981(1987)<br>Test Db | A             |
| Electrical, Electronic And Mechanical Components | High Humidity/Temperature<br><br>Temp range: -40 °C to 80 °C<br>Humidity range:<br>75% to 98% rh<br>Chamber size:<br>0.8 m x 0.6 m x 0.7 m<br><br>Temp range: -25 °C to +60 °C<br>Humidity range:<br>10% to 98% rh<br>Max chamber size:<br>3.0 m x 2.5 m x 2.2 m          | BS 2011:Part 2.1:1977 Test Z/AD<br>IEC 60068-2-38:1974  | A             |
| Electrical, Electronic And Mechanical Components | Salt Mist<br><br>Chamber size:<br>1.2 m x 0.8 m x 0.9 m   | BS 2011:Part 2.1:1982 Test Ka<br>IEC 60068-2-11:1981<br><br>ISO 9227:2017   | A             |
|  | Impact<br>(Spring hammer) 0.5 joules  | EN 60068-2-75:1997  | A             |



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|--|---|--|---------------|
| <b>LIGHTING &amp; PHOTOMETRY</b>                                 | Electrical Product Tests                              |  |               |
| Luminaires   | Electrical safety                                     | BS EN IEC 60598-1:2021<br>BS EN 60598-1:2015 + A1:2018<br>excluding clauses 4.24 and 9.2 | D             |
| Fixed General Purpose Luminaires                                 | Electrical safety                                     | BS 4533:Part 102.1:1990<br>EN 60598:Part 2.1:1989  | D             |
| Fixed general purpose luminaires                                 | Electrical safety                                     | BS EN IEC 60598-2-1:2021   | D             |
| Recessed Luminaires  | Electrical Safety                                     | BS EN 60598-2-2:2012<br>BS EN 60598-2-2:1997   | D             |
| Luminaires For Road And Street Lighting                          | Electrical Safety                                     | BS EN 60598-2-3:2003 + Amd 1<br>BS EN 60598-2-3:1994                                     | D             |
| Portable General Purpose Luminaires                              | Electrical Safety                                     | BS EN 60598-2-4:1998   | D             |
| Floodlights  | Electrical Safety                                     | BS EN 60598-2-5:1998<br>BS EN 60598-2-5:2015   | D             |
| Luminaires With Built-In Transformers                            | Electrical Safety                                     | BS EN 60598-2-6:1995   | D             |
| Portable Luminaires For Garden Use                               | Electrical Safety                                     | BS EN 60598-2-7:1997   | D             |
| Handlamps  | Electrical Safety                                     | BS EN 60598-2-8:1997   | D             |
| Photo And Film Luminaires  | Electrical Safety                                     | BS 4533:Part 102.9:1990<br>EN 60598:Part 2.9:1989  | D             |
| Luminaires For Stage Lighting, Tv, Film And Photographic Studios | Electrical Safety                                     | BS 4533:Part 102-17:1990<br>EN 60598:Part 2-17:1989                                      | D             |
| Luminaires For Swimming Pools                                    | Electrical safety                                     | BS EN 60598-2-18:1994  | D             |
| Air Handling Luminaires  | Electrical Safety                                     | BS 4533:Part 102-19:1990<br>EN 60598-2-19:1989   | D             |
| Lighting Chains  | Electrical Safety                                     | BS EN 60598-2-20:1998 + Amd 1  | D             |



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|--|--|--|---------------|
| <b>LIGHTING &amp; PHOTOMETRY</b><br>(cont'd)                                       |  |  |               |
| Luminaires For Emergency Lighting  | Electrical Safety  | IEC 60598-2-22:2014 + A1:2017<br>BS EN 60598-2-22:2020 + A1:2020               | D             |
| Luminaires With Limited Surface Temperatures                                       | Electrical Safety  | BS EN 60598-2-24:1999  | D             |
| Luminaires For Hospitals And Health Care Buildings                                 | Electrical Safety  | BS EN 60598-2-25:1995 + Amd 1<br>EN 60598-2-25:1994<br>IEC 598-2-25:1994       | D             |
| Track Systems For Luminaires   | Electrical Safety  | BS EN 60570:2003 + A2:2020   | D             |
| Lamp Control Gear General And Safety Requirements                                  | Electrical Safety Tests<br>Maximum input voltage<br>250 V ac<br>Rated frequency 50 Hz only | BS EN 61347-1:2015 + A1:2021<br>BS EN 61347-1:2008<br>Both excluding Clause 13 | D             |
| Particular Requirements For Dc Supplied Electronic Ballasts For Emergency Lighting | Electrical Safety, Electrical, Mechanical and Performance Tests                            | BS EN 61347-2-7:2012 + A1:2019<br>BS EN 61347-2-7:2001<br>Excluding Clause 14  | D             |
| Miscellaneous Electronic Circuits Used With Luminaires                             | Electrical Safety  | BS EN 61347-2-11:2001 + A1:2019  | D             |
| Starters   | Electrical Safety, Electrical, Mechanical and Performance Tests                            | EN 60155 Section 1:1989<br>(withdrawn)   | D             |
| Connecting Devices For Low-Voltage Circuits For Household And Similar Purposes     | General requirements<br>Electrical<br>Mechanical<br>Safety                                 | BS EN 60998-1:2004   | D             |
| Connecting Devices With Screw Type Clamping Units                                  | Electrical Safety, Particular requirements, Electrical and Mechanical Tests                | BS EN 60998-2-1:2004   | D             |

In the above Lighting and Photometry Section, where IEC or EN standards have exact equivalents in BS or BS EN or EN Standards shown on the schedule, these are also included in the accreditation.



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|--|---|--|---------------|
| <b>LIGHTING &amp; PHOTOMETRY</b><br>(cont'd)   |   |  |               |
| Connecting Devices For Screwless Type Clamping Units   | Electrical Safety<br>Particular requirements, Electrical and Mechanical Tests | BS EN 60998-2-2:2004   | D             |
| Photoelectric Control Units For Road Lighting  | Electrical<br>Mechanical<br>Photometric                                       | BS 5972:1980   | D             |
| LED Modules for General Lighting   |   | BS EN IEC 62031:2020   | D             |
| DC or AC Supplied Electronic Controlgear for LED Modules   |   | BS EN IEC 62384:2020   | D             |
| In the above Lighting and Photometry Section, where IEC or EN standards have exact equivalents in BS or BS EN or EN Standards shown on the schedule, these are also included in the accreditation. |   |  |               |
| <b>ELECTRICAL COMPONENTS</b>   |   |  |               |
| Solid And Insulating Materials Under Moist Conditions  | Electrical Product Tests<br><br>Comparative and proof tracking indices        | BS EN 60112:2003+A1:2009<br>IEC 60112:2003   | D             |
| Plastic Materials  | Glow wire   | BS EN 60695-2-10:2021<br>BS EN 60695-2-11:2001<br>BS EN 60695-2-12:2001<br>BS EN 60695-2-13:2001<br>BS 6458-2-1:1984 (withdrawn) | D             |
| General Requirements For Electrical Accessories Not Covered By Other British Standards   | Electrical Safety   | BS 5733:1995 (Withdrawn)<br>BS 5733:2010<br>Limitation: Clause 14.5, limited to 2.5 mm <sup>2</sup> CSA maximum                  | D             |
| Automatic test systems for battery powered emergency escape lighting   | Electrical Safety   | BS EN 62034:2012, excluding clause 4.4.6 – EMC Testing   | D             |
| Central power supply systems   | Electrical Safety   | BS EN 50171:2021   | D             |



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|---|---|--|---------------|
| <b>ELECTRICAL COMPONENTS (Cont'd)</b><br><br>Electrical energy storage systems  |   | BS EN IEC 62933-5-2:2020<br>IEC 62933-2-5:2020<br><br>IEC TS 62933-5-1:2017  | D             |
| <b>ELECTRONIC EQUIPMENT &amp; COMPONENTS</b><br><br>Mains-Operated Electronic And Related Apparatus For Household And Similar General Use:<br><br>Audio Amplifiers<br>Audio Tape Recorders<br>Battery Eliminators<br>Electronic Organs<br>Home Computers And Similar Appliances<br>Music Centres<br>Radio Receivers<br>Record Turntables<br>Telecommunications Equipment<br>Television Receivers<br>Video Equipment | Electrical Product Tests<br>Electrical Safety<br><br>Construction requirements<br>Dielectric strength<br>Flammability<br>Insulation after humidity<br>Ionizing radiation (TV only)<br>Isolation<br>Mechanical strength and stability<br>Overheating<br>Safety labelling<br>Shock and fire hazards with and without fault conditions | BS EN 60065:2002<br>BS EN 60695-11-10:1999<br>IEC 60065:2001 (withdrawn)<br>BS EN 62368-1:2020 + A11:2020<br>IEC 62368-1:2018 Excluding: 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, Annex C, Annex G.8.2, Annex G.16.2, Annex Y | D             |
| Circuit Boards And Enclosures For Tv Sets   | Fire resistance   |  | D             |
| High Voltage Components (>4 Kv)   | Flammability  |  | D             |
| Safety Isolation Components (Resistors, Capacitors, Switches, Transformers, etc)  | Construction requirements<br>Insulation after damp heat<br>Surge voltage breakdown  |  | D             |

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| <b>ELECTRONIC EQUIPMENT &amp; COMPONENTS (cont'd)</b><br><br>Electronic Components And Materials Used In IT Equipment<br><br>IT Equipment Including Electrical Business Equipment | Dielectric strength and leakage current<br>Distance through insulation<br>Heating during normal use<br>Insulation after humidity<br>Electronic isolation by creepage and clearance measurement<br>Ionising radiation<br>Flammability<br>Insulation resistance<br>Measurement of telephone Network voltages (TNV)<br>Mechanical strength and stability<br>Safety labelling<br>Shock and fire hazards with and without fault conditions | BS EN 60950-1:2006+A2<br>BS EN 60695-11-10:1999<br>IEC 60950:2005  | D             |
| Fixed Capacitors For Radio Interference Suppression (Limited To Capacitor Types Mounted By Their Connecting Leads)  | Capacitance<br>Creepage and clearance<br>Damp heat<br>Endurance<br>Flammability<br>Impulse voltage<br>Insulation resistance<br>Markings<br>Resistance<br>Soldering heat test<br>Termination strength<br>Voltage proof   | BS EN 60695-11-10:1999   | D             |
| Electrical, Equipment For Measurement, Control And Laboratory Use   | Electrical safety<br><br>Voltage:<br>up to 30 Kv dc<br>up to 15 Kv rms  | BS EN 61010-1:2010+A1:2019<br>EN 61010-1:2010<br>IEC 61010-1:2010+AMD1:2016<br>CSV<br>Excluding :-<br>Clause 12.2, Ionizing radiation<br>Clause 12.3, UV radiation<br>Clause 12.4, Microwave radiation<br>Clause 12..5.2 Ultrasonic pressure<br>Clause 12..6 Laser sources<br>UL 61010A-1:2002<br>Excluding :-<br>Clause 9.2.1 | D             |



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| <b>MEDICAL EQUIPMENT</b><br><br>Medical Electrical Equipment                                 | Current<br>Dimensional<br>Electrical power<br>Resistance/ impedance<br>Humidity<br>Mechanical<br>Pressure<br>Temperature<br>Time<br>Voltage  | BS 5724:Part 1:1989 Amd 1, 2, 3<br>BS EN 60601-1:2006 + A2:2021<br>EN 60601-1:2006+A12:2014<br>IEC 60601-1:1988 Amd A1 and A2<br>IEC 60601-1:2005<br>+AMD1:2012/COR1:2014<br>UL 60601-1:2003<br>All excluding IEC 60601-1-4 referred to in Sub-clause 52.1, also Section 6 (Clause 37 to 41) and Clause 48 | D                  |
| <b>ELECTRIC VEHICLE CHARGING SYSTEMS</b><br><br>Electric Vehicle Conductive Charging Systems | Electrical Safety, Electrical, Mechanical and Performance Tests, including:<br>Ingress Protection<br>Strain Relief / Damp Heat<br>Short Circuit Protection<br>Touch Current / Inrush Current<br>Creepage and Clearance<br>Insulation Resistance<br>Withstand Voltage<br>Marking / Durability | BS EN IEC 61851-1:2019<br>IEC 61851-1:2017<br><br>BS EN 61851-23:2014<br>IEC 61851-23:2014   | D                  |
| <b>FENESTRATION</b><br><br>Windows   | Operating forces<br><br><br><br>Static torsion   | BS 6375-2:2009<br>excluding clauses 5.5 & 6.5<br>BS EN 12046-1:2003<br>BS EN 13115:2020<br>BS EN 13115:2001<br><br>BS 6375-2:2009<br>BS EN 14609:2004<br>BS EN 13115:2020<br>BS EN 13115:2001  | A<br><br><br><br>A |



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|------------------------------------|--|---|---------------|
| FENESTRATION (cont'd)<br><br>Doors | <u>Specific</u>  |   |               |
|                                    | Racking  | BS 6375-2:2009<br>excluding clauses 5.5 & 6.5<br>BS EN 14608:2004<br>BS EN 13115:2020<br>BS EN 13115:2001               | A             |
|                                    | Safety devices   | BS 6375-2:2009<br>excluding clauses 5.5 & 6.5<br>BS EN 14609:2004 as amended<br>by DIHM C.2261.069<br>BS EN14351-1:2006 | A             |
|                                    | Operating forces   | BS 6375-2:2009<br>excluding clauses 5.5 & 6.5<br>BS EN 12046-2:2000<br>BS EN 12217:2015<br>BS EN 12217:2003             | A             |
|                                    | Vertical load  | BS 6375-2:2009<br>excluding clauses 5.5 & 6.5<br>BS EN 947:1999<br>BS EN 1192:2000                                      | A             |
|                                    | Static torsion   | BS 6375-2:2009<br>excluding clauses 5.5 & 6.5<br>BS EN 948:1999<br>BS EN 1192:2000                                      | A             |
|                                    | Soft and heavy body impact   | BS 6375-2:2009<br>excluding clauses 5.5 & 6.5<br>BS EN 949:1999<br>BS EN 1192:2000                                      | A             |
|                                    | Hard body impact   | BS 6375-2:2009<br>excluding clauses 5.5 & 6.5<br>BS EN 950:1999<br>BS EN 1192:2000                                      | A             |
| Safety devices                     | BS 6375-2:2009<br>excluding clauses 5.5 & 6.5<br>BS EN 948:1999 as amended<br>By DIHM C.2261.069<br>BS EN 14351-1:2006 | A   |               |





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|--|---|--|---------------|
| <b>FENESTRATION (cont'd)</b>   | <u>Specific</u>   |  |               |
| Windows and Doors  | Weathertightness<br>Air permeability<br>Watertightness<br>Resistance to wind load   | BS 6375-1:2015 + A1:2016<br>BS EN 1026:2016<br>BS EN 1027:2016<br>BS EN 12211:2016 | A             |
| Windows, Doors and Shutters  | Thermal Transmittance   | BS EN ISO 10077-1:2017<br>BS EN ISO 10077-2:2017                                   | A             |
| Industrial, commercial, garage doors and gates   | Performance Characteristics   | BS EN 13241:2003 + A2:2016   |               |
| External Doorsets<br>- single and double leaf<br>- single swing<br>- hinged<br>- inward and outward opening<br>- with or without integral side panels and fanlights<br>- pivot doors<br>- stable   | Security hardware and cylinder test (Parts 1 & 2)<br>Manipulation test<br>Infill manual test<br>Infill mechanical test<br>Manual cutting test<br>Mechanical loading test<br>Manual check test<br>Soft body impact test<br>Hard body impact test | PAS 24:2022  | A             |
| Letter Plates  | Security of fixings   | BS EN 13724:2002<br><br>TS 007-1:2014 +A2:2018                                     | A             |
| Enhanced security performance requirements for replacement cylinders and/or associated security hardware   |   |  |               |
| Windows: Singular and Multilight<br>- top hung (open out), side hung (open in and open out, bottom hung (open in), butt hinged<br>- top and side hung (open out) projected<br>- top hung fully reversible<br>- side hung fully reversible<br>- tilt and turn and turn and tilt<br>- fixed and dummy vents<br>- double opening (French windows)<br>- horizontal sliding | Manipulation test<br>Infill manual test<br>Infill mechanical test<br>Mechanical loading test<br>Manual check test   | PAS 24:2022  | A             |



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

**BSI Assurance UK Limited**  
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| Materials/Products tested   | Type of test/Properties measured/Range of measurement   | Standard specifications/ Equipment/Techniques used  | Location Code |
|---|---|---|---------------|
| <b>GLASS, SHEET and BUILDING PRODUCTS</b>                           |   |   |               |
| Glass In Buildings  | Impact test   | BS EN 12600:2002  | A             |
|   | Fragmentation   | BS EN 12150-1:2015 +A1:2019 (Clause 8)<br>BS EN 1863-1:2000 Clause 8  | A             |
|   | 4-point bend  | BS EN 1288-3:2000   | A             |
| Insulating Glass Units (Double Glazed)                              | Moisture penetration index<br>Dew point temperature<br>Inorganic desiccant moisture content<br>(950 °C drying method) | BS EN 1279-2:2002   | A             |
|   | Organic desiccant moisture content<br>(Karl Fischer method)   | Documented In-House Method T.2262.002 based on BS EN 1279-2:2002  | A             |
|   | Gas leakage rate<br>Filling gas concentration<br>(Argon filling only)   | BS EN 1279-3:2002   | A             |
|   | Fogging test  | BS EN 1279-6:2002, Annex C  | A             |
| Safety Glass & Plastics For Road Vehicles                           | Mechanical<br>Optical<br>Physical   | BS 857:1967(1990)<br>ECE Regulations 43<br>ANSI Z.26.1 (USA)  | A             |
| Access Equipment  |   |   |               |
| Portable Aluminium Ladders, Steps, Trestles And Lightweight Staging | Constructional requirements<br>Performance tests  | BS 2037:2002  | A             |
| Ladders   | Constructional requirements<br>Design requirements<br>Performance tests   | BS 1129:1990<br>BS EN 131-2:1993<br>BS EN 131-2:2010 + A2:2017 excluding clauses 4.2.1, 4.2.2, 4.3, 4.10.2, 5.2 (ladders >8.5 m), 5.16 (plastic ladders) and 5.17(durability) | A             |



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| <b>PLUMBING &amp; COPPER CYLINDERS</b>   |  |  |               |
| Copper Cylinders   | Performance<br>Thermal efficiency  | BS 1566 -1:2002  | A             |
| Float Operated Valves<br>Diaphragm Type<br>(Plastic Body)  |  | BS 1212-3:1990   | A             |
| Insulating Jackets For<br>Domestic Hot Water Storage<br>Cylinders                                  | Construction requirements<br>Dimensional<br>Mass<br>Thermal efficiency   | BS 5615:1985   | A             |
| Malleable Cast Iron And Cast<br>Copper Alloy Threaded Pipes<br>And Fittings                        | Construction requirements<br>Dimensional (excluding thread<br>gauging)<br>Finish: coating<br>Mass and Pressure<br>Tensile test (up to 100kN) | BS 143:1993<br>BS 1256:2000<br>Excluding Clauses 8.1, 8.2, 8.3<br>and 8.4<br>BS EN 10242:1995  | A             |
| Copper Tubes For Water, Gas<br>And Sanitation  |  | BS EN 1057:2006 + A1:2010<br>excluding Clauses 8.3, 8.4 and 8.6  | A             |
| Seamless, Round Copper<br>Tubes for Medical Gases or<br>Vacuum                                     |  | BS EN 13348:2016   | A             |
| Capillary And Compression<br>Tube Fittings Of Copper And<br>Copper Alloy For Copper<br>Tubes       |  | BS 864:Part 2:1983<br>BS EN 1254-1:2021 excluding<br>Clauses 4.2, 5.5 and 5.6<br>BS EN 1254-2:1998 excluding<br>Clauses 5.8 and 5.9<br>BS EN 1254-4:2021 | A             |
| Capillary And Compression<br>Tube Fittings Of Copper And<br>Copper Alloy For Polyethylene<br>Pipes |  | BS 864:Part 5:1990   | A             |
| Draining Taps<br>(Screw-Down Pattern)  |  | BS 2879:1980(1988)   | A             |
| Valves And Unions For Hot<br>Water Radiators   |  | BS 2767:1991   | A             |



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|--|---|---|-------------------|
| <p><b>THERMAL INSULATION FOR BUILDINGS:</b></p> <p>Factory Made Mineral Wool (MW) Products</p> |   | <p>BS EN 13162:2012 A1:2015<br/>BS EN 14303:2015</p>  | A                 |
| <p><b>SITE ACTIVITIES</b></p> <p>Portable Fire Extinguishers</p> <p>Fire Blankets</p>          | <p>Performance<br/>Class A and Class B</p>            | <p>BS EN 3 - 7:2004 + A1:2007<br/>Clause 15</p> <p>BS 6165:2019 +A1:2022<br/>Clause 7.6</p> <p>BS 6165:2002<br/>Clause 7.6</p> <p>BS EN 1866-1:2007<br/>Clause 8</p> <p>BS EN 1869:2019</p> | <p>C</p> <p>C</p> |



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|--|---|---|---------------|
| <b>HOUSEHOLD OR SIMILAR GAS APPLIANCES</b>   | Design and Construction<br>Safety of Operation<br>Thermal Efficiency<br>Performance | Testing to the following specifications to demonstrate compliance with the European Gas Appliance Directive 2009/142/EC or compliance with the specification  | D             |
| Excluding non-metallic materials tested to BS EN 549, BS EN 278, BS EN 279, BS 3212, ISO 1817 and excluding lint tests |   |   |               |
| Cooking Appliances including Independent Hotplates, Barbecues and Ovens  |   | BS EN 30-1-1:2008+A3:2013<br>BS EN 30-1-1:2021<br>BS EN 30-1-2:2012<br>BS EN 30-1-4:2012<br>BS EN 30-2-1:2015<br>BS EN 30-1-3:2002<br>BS EN 30-2-2:1999<br>BS EN 498:2012<br>BS EN 484:2019<br>AS 4551:2008<br>AS 4557:2004<br>ANSI Z21.1:2005<br>ANSI Z21.1:2018<br>ANSI Z83.11:2016<br>AS/NZS 5263.1.1:2020<br>AS/NZS 5263.1.7:2020 | D             |
| Specification for dedicated liquefied petroleum gas appliances. Multi-purpose boiling burners for outdoor use          |   | BS EN 497:1998  |               |
| Natural Gas Barbecues for Outdoor Use  |   | TP 6.9 (Internal Certification Procedure)   | D             |
| Heat Storage Cookers   |   | TP 6.10 (Internal Certification Procedure)  | D             |
| Flueless Heat Storage Cookers  |   | TP 6.15 (Internal Certification Procedure)  | D             |
| Gas Ovens For Household Use  | Performance (Energy labelling tests)  | BS EN 15181:2008  | D             |



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|---|---|--|---------------|
| <b>HOUSEHOLD OR SIMILAR GAS APPLIANCES</b> (cont'd)   |   |  |               |
| Central Heating Boilers And Circulators   |   | BS EN 297:1994<br>BS EN 483:1999<br>BS EN 625:1996<br>BS EN 677:1998<br>AS 4560:2004 | D             |
| Fuel Cell Heating Appliances  |   | BS EN 50465:2008<br>BS EN 50465:2015   | D             |
| Combined Fire/Back Boiler Or Circulator   |   | BS 7977-2:2003   | D             |
| Gas-fired heating boilers. General requirements and tests   |   | BS EN 15502-1:2012<br>AS/NZS 5263.1.2:2016   | D             |
| Gas-fired central heating boilers. Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW |   | BS EN 15502-2-1:2012 + A1:2016<br>Excluding Clause 5.3.101, corrosion test           | D             |
| LPG Portable and mobile appliances  |   | AS/NZS 2658:2022   | D             |
| Small gas engine driven appliances  |   | AS/NZS 5263-1-11:2020  | D             |



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| Materials/Products tested                                  | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used  | Location Code |
|--|---|---|---------------|
| <b>WATER HEATERS</b>                                       |   | BS EN 26:2015<br>BS EN 89:2000<br>BS EN 15033:2006 (excluding Clause 6.2 (vibration test))<br>AS 4552:2005                          | D             |
| Instantaneous Water Heaters > 45 kW                        |   | TP 6.3 (Internal Certification Procedure)   | D             |
| Instantaneous Condensing Water Heaters                     |   | TP 6.4 (Internal Certification Procedure)   | D             |
| Instantaneous Condensing Water Heaters for Outdoor Use     |   | TP 6.5 (Internal Certification Procedure)   | D             |
| Gas Fires And Space Heaters                                |   | BS EN 509:2000<br>BS EN 613:2021<br>BS EN 613:2001<br>BS EN 1266:2002<br>BS 7977-1:2009+A1:2013<br>BS EN 13278:2013<br>AS 4553:2008 | D             |
| Space Heaters (EN 613) Appliances With C31 Flues           |   | TP 6.13 (Internal Certification Procedure)  | D             |
| Space Heaters (EN 613) Appliances For Unattended Operation |   | TP 6.14 (Internal Certification Procedure)  | D             |
| Flueless Heaters   |   | BS EN 14829:2007  | D             |
| Flueless LPG Space Heaters                                 | Excluding catalytic heaters                           | BS EN 449:2002  | D             |
| Air Heaters  |   | BS EN 778:2009<br>BS EN 1196:2011<br>BS EN 1319:2009<br>BS 5258:Part 9:1989<br>BS 6332:Part 6:1990                                  | D             |
| Lpg Absorption Refrigerators                               |   | BS EN 732:1999<br>AS 4555:2002  | D             |



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|---|---|---|---------------|
| <b>WATER HEATERS</b> (cont'd)   |   |   |               |
| Portable Vapour Pressure Lpg Appliances   |   | BS EN 521:2006<br>BS EN 521:2019<br>AS 2658:2008  | D             |
| Portable Gas Cookers Using Non-Refillable Gas Canisters   |   | TP 6.20 (Internal Certification Procedure)  | D             |
| Tumble Dryers   |   | BS EN 1458-1:2011   | D             |
| Flueless Patio Heaters  |   | BS EN 14543:2017  | D             |
| Gas Fired Outdoor Infrared Patio Heaters  |   | ANSI Z83.26:2020  | D             |
| Decorative Open Flame Appliances For Outdoor Use  |   | TP 6.24 (Internal Certification Procedure)  | D             |
| Room Sealed Lpg Space Heaters For Vehicles And Boats (excluding appliances intended for use while vehicle or boat is in motion) |   | BS EN 624:2011 (excluding Clauses 6.12.3.10 (vibration test) and 6.25 (for vehicles in motion)) | D             |





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|--|--|--|---------------|
| <b>COMMERCIAL GAS HEATED CATERING EQUIPMENT</b>  | Design and Construction<br>Safety of Operation<br>Thermal Efficiency<br>Performance<br><br>Excluding non-metallic materials tested to BS EN 549, BS EN 278, BS EN 279, BS 3212, ISO 1817 | BS EN 203-1:2014<br>BS EN 203-2-1:2021<br>BS EN 203-2-2:2021<br>BS EN 203-2-3:2005<br>BS EN 203-2-4:2005<br>BS EN 203-2-6:2005<br>BS EN 203-2-7:2014<br>BS EN 203-2-8:2005<br>BS EN 203-2-9:2005<br>BS EN 203-2-10:2007<br>BS EN 203-2-11:2006<br>AS 4563:2004<br>AS 4563:2022 | D             |
| Professional Catering Barbecues  |  | TP 6.19 (Internal Certification Procedure)   | D             |
| Hog/Pig Roasters   |  | TP 6.21 (Internal Certification Procedure)   | D             |
| Overhead Radiant Heaters   |  | BS EN 416-1:2009<br>BS EN 416-2:2006<br>BS EN 419:2019<br>BS EN 419-1:2009<br>BS EN 419-2:2006<br>AS 4643:2007   | D             |
| Gas Radiant Heaters For Outdoor Use  |  | TP 6.22 (Internal Certification Procedure)   | D             |
| Lpg Space Heaters  |  | BS EN 461:1999<br>BS EN 1596:1998  | D             |
| Domestic Domestic and Non-Domestic Gas-Fired Forced Convection Air Heaters for Space Heating not Exceeding a Net Heat Input of 300kW |  | BS EN 17082:2019   | D             |
| Heating Boilers - Forced Draught   |  | BS EN 303-1:1999   | D             |



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|--|---|---|---------------|
| <b>COMMERCIAL GAS HEATED CATERING EQUIPMENT (cont'd)</b> |   |   |               |
| Boiler Body And Forced Draught Burners                   | Excluding appliances >800 kW                          | BS EN 303-3:1999  | D             |
| Hot Water Boilers  | Excluding appliances >800 kW                          | BS EN 656:2000<br>BS 5978:Part 1:1989<br>BS 5978:Part 2:1989<br>BS 5978:Part 3:1989<br>BS EN 13836:2006<br>BS EN 15417:2006<br>BS EN 15420:2010 | D             |
| Air Heaters  |   | BS 5990:2006<br>BS 5991:2006<br>BS EN 525:2009<br>BS EN 1020:2009<br>BS EN 12669:2000<br>BS EN 621:2009   | D             |
| Tumble Dryers  |   | BS EN 12752-1:1999<br>AS 4554:2005  | D             |
| Commercial Dryers > 20 Kw                                |   | TP 6.8 (Internal Certification Procedure)   | D             |



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| <b>GAS CARRYING CONTROLS</b>  | Design and Construction<br>Safety of Operation<br>Performance<br><br>Excluding non-metallic materials tested to BS EN 549, BS EN 278, BS EN 279, BS 3212, ISO 1817<br><br>Electrical components tested to BS EN 60730-1:2001 but excluding IP Tests to IEC 529 and materials to BS 7461:1991 |  |               |
| Manually Operated Ball Valves |  | BS EN 331:2015   | D             |
| Ball Valve Families 2"-4"     |  | TP 6.7 (Internal Certification Procedure)  | D             |
| Taper Plug Valves             |  | BS 1552:1995   | D             |
| Automatic Shut-Off Valves     |  | BS EN 161:2022<br>AS 4629:2005<br>Excluding<br>Clause 8, EMC tests of BS EN 13611 8.8 to 8.10 EMC  | D             |
| Pressure Governors            | Excluding control dimensions > DN 50   | BS EN 88-1:2011 + A1:2016<br>BS EN 88-1:2011<br>BS EN 88-2:2007<br>AS 4618 : 2004  | D             |
| Distribution Valves           |  | GIS/V7 Part 3:2014   | D             |
| Multifunction Gas Controls    |  | BS EN 126:2012<br>Excluding<br>Clause 8, EMC tests of BS EN 13611 8.8 to 8.10 EMC<br>TP 6.26 (Internal Certification Procedure - MFCs with Single Actuator on Acting on Two Closure Members) | D             |



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| <b>GAS CARRYING CONTROLS</b><br>(cont'd)  |   |   |               |
| Flame Supervision Devices   |   | BS EN 125:2022<br>BS 6047:Part 1:1981   | D             |
| Gas Taps  |   | BS EN 1106:2010<br>AS 4617:2004<br>AS 4617:2018<br>TP 6.27 (Internal Certification Procedure - Laboratory Gas Taps) | D             |
| Safety And Control Devices  |   | BS EN 13611:2019<br>(excluding Clauses 7.10.2.2 (vibration), and 8.8 to 8.10 (EMC))                                 | D             |
| Normally Open (Vent) Valves   |   | TP 6.16 (Internal Certification Procedure)  | D             |
| Pressure regulators, automatic change-over devices, having a maximum regulated pressure of 4 bar, with a maximum capacity of 150 kg/h, associated safety devices and adaptors for butane, propane, and their mixtures | Limited to maximum flowrate of 14 Kg/h                | BS EN 16129:2013  |               |
| Thermostats   |   | BS EN 257:2010  | D             |
| Gas/Air Ratio Controls  | Excluding control dimensions > DN 50                  | BS EN 12067-1:1999  | D             |
| Safety and control devices for gas burners and gas burning appliances. Valve proving systems for automatic shut-off valves  |   | BS EN 1643:2014   | D             |



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| <b>ANCILLIARIES RELATING TO GAS EQUIPMENT</b>   | Design and Construction<br><br>Excluding non-metallic materials tested to BS EN 549, BS EN 278, BS EN 279, BS 3212, ISO 1817 |  |               |
| Flue Pipes And Accessories  | Flue Terminals only  | BS EN 1856-1:2009  | D             |
| Flexible Hoses & Connection Valves  |  | BS 669:Part 1:1989<br>BS 669:Part 2:1997<br>BS EN 15069:2008<br>BS EN 16436-1:2014 +A2:2018<br>BS EN 14800: 2007<br>(excluding Clause 11 (reaction to fire))<br>BS EN 15266:2007<br>(excluding Clause 5.16 (reaction to fire)) | D             |
| Gas Welding Equipment - Rubber Hoses for Welding, Cutting and Allied Processes                                |  | BS EN ISO 3821:2019  | D             |
| Gas Welding Equipment - Quick-action couplings with shut-off valves for welding, cutting and allied processes |  | BS ISO 7289:2018   | D             |
| Gas welding equipment - Safety devices, Part 1: Devices incorporating a flame (flashback) arrestor            |  | BS EN ISO 5175-1:2017<br>BS EN ISO 5175-2:2017   | D             |
| Diaphragm Gas Meters  | Construction and Marking only  | BS EN 1359:1999<br>(Clauses 6 & 8)   | D             |
| System Chimneys With Plastic Flue Liners  |  | BS EN 14471:2005<br>(excluding Clauses 7.7.2 (materials classification), and 7.7.8 (reaction to fire))   | D             |
| Flue Blocks And Masonry Terminals   |  | BS EN 13502:2002   | D             |



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| <p><b>HOUSEHOLD OR SIMILAR GAS, ELECTRIC, AND OIL-FIRED APPLIANCES</b></p> <p>Appliances as listed in the following sections of this schedule:</p> <ul style="list-style-type: none"> <li>Household or similar gas appliances</li> <li>Commercial gas heated catering equipment</li> <li>Commercial gas appliances</li> <li>Automatic forced draught burners for gaseous fuels</li> <li>Unvented hot water storage systems</li> <li>Oil fired appliances</li> <li>Gas appliance safety</li> </ul> <p>Cooking Ranges And Ovens</p> <p>Washing Machines</p> | <p>Electrical Safety</p> <p>Specification for safety of household and similar electrical appliances (General Requirements)</p> <p>Note IP testing is performed at Hemel Hempstead.(Location A)</p> | <p>BS EN 60335-1:2012 + A15:2021<br/>Excluding clauses 19.11.4 &amp; 22.48<br/>IEC 60335-1:2010/AMD2:2016/<br/>COR1:2016<br/>BS EN 60335-1:2002<br/>AS/NZS 60335.1:2002<br/>SANS 60335-1:2007 Excluding<br/>Clauses 19.11.4.2, 19.11.4.4 &amp;<br/>19.11.4.7, EMC Tests<br/>Clause 22.48 (back-siphonage),</p> <p>BS EN 60335-2-6:2003<br/>AS/NZS 60335.2.6:2008<br/>SANS 60335-2-6:2008</p> <p>BS EN 60335-2-7:2010</p> | <p>D</p> <p>D</p> <p>D</p> |

In the above Household or Similar Gas, Electric, and Oil-Fired Appliances Section, where IEC or EN standards have exact equivalents in BS or BS EN Standards shown on the schedule, these are also included in the accreditation.



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| <b>HOUSEHOLD OR SIMILAR GAS, ELECTRIC, AND OIL-FIRED APPLIANCES</b><br>(cont'd) |   |   |               |
| Tumble Dryers   |   | BS EN 60335-2-11:2010<br><br>1) With deviation to Clause 3.1.9: Normal loads for gas dryers, test load will be as per BS EN 12752-1<br><br>2) Excluding Annexes BB & CC (flammable refrigerants and non-sparking 'n' class electrical appliances) | D             |
| Appliances For Heating Liquids  |   | BS EN 60335-2-15:2002   | D             |
| Storage Water Heaters   |   | BS EN 60335-2-21:2021 + A1:2021<br>BS EN 60335-2-21:2003  | D             |
| Refrigerating Appliances  |   | BS EN 60335-2-24:2010<br>AS/NZS 60335.2.24:2002<br>Excluding Flammable refrigerants   | D             |
| Microwave ovens, including combination microwave ovens                          |   | BS EN 60335-2-25:2016 + A2:2021   | D             |
| Battery Chargers  |   | BS EN IEC 60335-2-29:2021<br>+A1:2021<br>IEC 60335-2-29:2016 +A1:2019   |               |
| Room Heaters  | Excluding oil filled radiators                        | BS EN 60335-2-30:2009   | D             |
| Instantaneous Water Heaters   |   | BS EN 60335-2-35:2003   | D             |
| Commercial Electric Cooking Ranges And Ovens                                    |   | BS EN 60335-2-36:2002   | D             |
| Commercial Deep Fat Fryers  |   | BS EN 60335-2-37:2002   | D             |
| Commercial Griddles   |   | BS EN 60335-2-38:2003   | D             |
| Commercial Electric Multi-Purpose Cooking Pans                                  |   | BS EN 60335-2-39:2003   | D             |



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

**BSI Assurance UK Limited**  
**Issue No: 103 Issue date: 18 December 2023**

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| <b>HOUSEHOLD OR SIMILAR GAS, ELECTRIC, AND OIL-FIRED APPLIANCES</b><br>(cont'd) |  |   |               |
| Electric Heat Pumps   | Excluding flammable refrigerants<br>Excluding Gas Refrigerant Type with MOP > 5 bar<br>Excluding Liquid Refrigerant Type with MOP > 20 bar | BS EN 60335-2-40:2003 (excluding Annex EE.5 (fatigue test))                                 | D             |
| Commercial Convection Ovens, Steam Cookers, And Steam-Convection Ovens          |  | BS EN 60335-2-42:2003   | D             |
| Commercial Steam Cookers  |  | BS EN 60335-2-46:1989<br>Excluding IPX5 rated appliances                                    | D             |
| Commercial Grillers And Toasters  |  | BS EN 60335-2-48:2003   | D             |
| Hot Cupboards   |  | BS EN 60335-2-49:2003   | D             |
| Outdoor Electric Barbecues  |  | BS EN 60335-2-78:2003   | D             |
| Fans  |  | BS EN 60335-2-80:2003<br>Excluding IPX2 rated appliances and Clause 20.101 (Shore Hardness) | D             |
| Gas, Oil & Fuel Burning Appliances Having Electrical Connections                |  | BS EN 60335-2-102:2016<br>AS/NZS 60335.2.102:2004<br>SANS 60335-2-102:2009                  | D             |
| Electric Cooking Ranges, Ovens, Hobs & Grills For Household Use                 | Performance (Energy labelling tests)   | BS EN 50304 (60350):2009<br>Clauses 8.3 (Energy consumption) and 12 (Standby Power) only    | D             |

In the above Household or Similar Gas, Electric, and Oil-Fired Appliances Section, where IEC or EN standards have exact equivalents in BS or BS EN Standards shown on the schedule, these are also included in the accreditation.





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| <b>SAFETY RELATED<br/>ELECTRONIC CONTROLS</b>                          | Design and Construction<br>Electrical Safety<br>Failure Mode Analysis<br>Safety of Operation<br>Environmental Disturbances<br>Performance |  |               |
| Automatic Gas Burner Control Systems                                   |   | BS EN 298:2022<br>excluding clause 7.101.4.1.4, 7.101.4.2 & 7.101.4.3 (IR & UV Flame detectors), Clauses 9.3, 9.5 – 9.10 (EMC tests)                             | D             |
|  |   | ANSI Z21.20:2007<br>Excluding independently mounted controls. Excludes Clauses 17.16.103 (vibration), H26.10 (ring wave) and annex DD (solid state oil igniters) | D             |
| Electronic Flame Safeguards & Flame Detectors                          |   | AS 4625:2005   | D             |
| Control Functions In Electronic Systems For Gas Burners And Appliances |   | BS EN 14459:2021 (excluding Clause 9 EMC tests in BS EN 13611))  | D             |
| Automatic Burner Control Systems For Oil Burners                       |   | BS EN 230:2005   | D             |
| Automatic Electrical Controls For Household And Similar Use            |   | BS EN 60730-1:2016 + A2:2022<br>IEC 60730-1:2013 + AMD2:2020<br>BS EN 60730-1:2011<br>(excluding Annex ZF (EMC) for stand-alone controls)                        | D             |
| Automatic Electrical Controls For Electrical Household Appliances      |   | BS EN 60730-2-1:1997   | D             |
| Automatic Electrical Controls: Temperature Sensing Controls            |   | BS EN 60730-2-9:2019 + A2:2020<br>BS EN 60730-2-9:2010   | D             |



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| <b>SAFETY RELATED ELECTRONIC CONTROLS</b><br>(cont'd)<br><br>Safety & Control Devices For Gas Burners<br><br>Gas/Air Ratio Controls<br><br>Fuel/Air Ratio Controls For Gas/Oil Appliances<br><br>Kitchen Extract Control Systems<br><br>Gas Proving Control Systems |   | ISO 23550:2004<br>Excluding Clause 7.5.2 and 7.5.3 (Resistance to Gas and Lubricants), 8.8 to 8.10 (EMC), Annex E 6.3.2.1 (zinc alloy), Annex F (USA and Canada) and Annex G 6.4.5 (Flanges, Japan)<br><br>BS EN 12067-2:2004<br>Excluding Clause 8.5.2 (vibration)<br><br>ISO 23552-1:2007<br>Excluding Clause 7.7.2.2 (vibration), 8.8 to 8.10 (EMC) and 8.11.2 (IP5x)<br><br>TP 6.1 (Internal Certification Procedure)<br><br>TP 6.2 (Internal Certification Procedure) | D<br><br><br><br><br><br><br><br><br><br><br>D<br><br><br><br><br><br><br><br><br><br><br>D<br><br><br><br><br><br><br><br><br><br><br>D |
| <b>AUTOMATIC FORCED DRAUGHT BURNERS FOR GASEOUS FUELS</b>   | Design and Construction<br>Functional Safety          | BS EN 676:2020<br>(excluding Clauses 4.4.2 to 4.4.8)<br><br>BS EN 676:2003<br>(excluding Clauses 4.4.2 to 4.4.8)   | D  |
| <b>UNVENTED HOT WATER STORAGE SYSTEMS</b>   |   | TP 6.12 (Internal Certification Procedure) (based on BS 7206:1990* and G3 Building Regulations)<br>(*excluding BS 7206 - Clause 4 (effect of non-metallic materials on water quality))   | D  |



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| <b>COAL-FIRED APPLIANCES</b><br><br>Charcoal Barbecues<br>(Excluding Permanent Barbeques) |  | BS EN 1860-1:2013+A1:2017  | D                            |
| <b>OIL FIRED APPLIANCES</b>   | Design and Construction<br>Thermal Efficiency<br><br>Excluding appliances<br>> 150 kW  | BS EN 304:1992<br>BS EN 15034:2006<br>BS EN 15035:2006   | D                            |
| <b>ELECTRICAL APPARATUS</b><br><br>Electrical Apparatus For CO<br>Detection               | Safety and Performance tests<br>Note Clause 5.3.16, Alarm<br>sound level testing is<br>performed at Hemel<br>Hempstead. (Location A)<br><br>Safety and Performance tests<br>Note Clause 5.3.19.1,<br>vibration testing is performed<br>at Hemel Hempstead.<br>(Location A) | BS EN 50291-1:2010+A1:2012<br>excluding clauses 5.3.11, EMC<br>above 1 Ghz<br><br>BS EN 50291-1:2018, excluding<br>Clauses 6.3.11, EMC above 1 Ghz<br><br>BS EN 50291-2:2010<br>Excluding<br>Clause 5.3.19.2, EMC tests<br>Clause 5.3.19.5, EMC tests<br>Clause 5.3.20, EMC tests<br>Clause 5.3.21.1, EMC tests<br>Clause 5.3.21.2, EMC tests<br>Clause 5.3.21.3, EMC tests<br><br>BS EN 50291-2:2019<br>Excluding<br>Clause 6.3.102.1<br>Clause 6.3.102.2<br>Clause 6.3.103<br>Clause 6.3.104.3.2 | D<br><br>D<br><br>D<br><br>D |



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| <b>GAS APPLIANCE SAFETY</b><br>Gas appliances as listed in the following sections of this schedule: <ul style="list-style-type: none"><li>• Household or similar gas appliances</li><li>• Commercial gas heated catering equipment</li><li>• Commercial gas appliances</li><li>• Automatic forced draught burners for gaseous fuels</li></ul> |   | AS/NZS 5263.0:2017 + A1:2020<br>NZS 5262:2003<br>SANS 1539:2012<br>SANS 1539:2017 Ed 5.1 | D             |
| END   |   |  |               |



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| <b>INTERNET OF THINGS (IoT) PRODUCTS</b><br><br>Cybersecurity protection of consumer IoT products, network connected (and network connectable) devices that have relationships to associated services and are used by the consumer typically in the home or as electronic wearables | Baseline requirements                                 | ETSI EN 303 645 V2.1.1<br><br><b>ETSI TS 103 701 V1.1.1</b><br>[TEST GROUPS] | A             |
|   | Default password use                                  | 5.1-1 to 5.1-5   |               |
|   | Vulnerability report management                       | 5.2-1 to 5.2-3   |               |
|   | Software update capabilities                          | 5.3-1 to 5.3-16  |               |
|   | Secure storage capabilities                           | 5.4-1 to 5.4-4   |               |
|   | Secure communications                                 | 5.5-1 to 5.5-8   |               |
|   | Attack surface exposure                               | 5.6-1 to 5.6-9   |               |
|   | Software integrity                                    | 5.7-1 to 5.7-2   |               |
|   | Personal data security                                | 5.8-1 to 5.8-3   |               |
|   | Outage resilience                                     | 5.9-1 to 5.9-3   |               |
|   | Telemetry data  | 5.10-1   |               |
|   | User interface, ease of use                           | 5.11-1 to 5.11-4<br>5.12-1 to 5.12-3   |               |
|   | Data input validation                                 | 5.13-1   |               |
| Data protection   | 6.1 to 6.5  |  |               |



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**Accreditation for the purpose of UK Approved Body Activity in accordance with UKCA Requirements and UKAS Publication GEN 5**

| Directive / Regulation  | Conformity Assessment procedure/ Module/article | Category of products or individual products   | Essential requirements: Product specification / Properties/Standards  |
|---|---|---|---|
| <b>Construction Products Regulation 2011</b><br>(retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020. | Annex V – Testing Laboratory (AVCP) System 3    | 96/579/EC Circulation fixtures (2/2) : - Road traffic noise reducing devices and barriers (for circulation areas)   | EN 14388:2005<br>EN 14388:2005/AC:2008                                |
|   |   | 97/464/EC Waste water engineering products outside buildings (2/3) : - Prefabricated drainage channel (to be used outside buildings, for waste water from buildings and civil engineering works including roads).   | EN 1433:2002<br>EN 1433:2002/A1:2005                                  |
|   |   | 99/93/EC Doors, windows, shutters, blinds, gates and related building hardware (1/1) : - Doors and gates (with or without related hardware) (other declared specific uses and/or uses subject to other specific requirements, in particular noise, energy, tightness and safety-in-use (i.e. NOT for fire/smoke compartmentation, NOT for escape routes). | EN 13241-1:2003<br>EN 13241-1:2003+A1:2011<br>EN 14351-1:2006+A2:2016 |
|   |   | 99/93/EC Doors, windows, shutters, blinds, gates and related building hardware (1/1) : - Windows (with or without related hardware) (any other).  | EN 14351-1:2006+A2:2016   |



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| <b>Construction Products Regulation 2011</b><br>(retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020. (cont'd) | Annex V – Testing Laboratory (AVCP) System 3    | 99/472/EC Pipes, tanks and ancillaries not in contact with water intended for human consumption (1/5) : - Pipes (in installations for the transport/distribution/ storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building).   | EN 1057:2006+A1:2010<br>EN 14800:2007<br>EN 15069:2008               |
|  |   | 99/472/EC Pipes, tanks and ancillaries not in contact with water intended for human consumption (4/5) : - Pipes (in installations in areas subject to reaction to fire regulations, used for the transport/disposal/storage of water not intended for human consumption).   | EN 1057:2006+A1:2010   |
|  |   | 99/472/EC Pipes, tanks and ancillaries not in contact with water intended for human consumption (4/5) :- Valves and taps (in installations in areas subject to reaction to fire regulations, used for the transport/distribution/ storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building). | EN 331:1998<br>EN 331:1998/A1:2010                                   |



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|  |   | 2000/245/EC Flat glass, profiled glass and glass-block products (5/6) : - Insulating glass units (for uses relating to energy conservation and/or noise reduction).                        | EN 1279-5:2018   |

END





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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   | Essential requirements: Product specification / Properties/Standards  |
|---|---|---|---|
| <b>Construction Products Regulation 2011</b><br>(retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020. | Annex V – Testing Laboratory (AVCP) System 3    | 96/579/EC Circulation fixtures (2/2) : - Road traffic noise reducing devices and barriers (for circulation areas)   | EN 14388:2005<br>EN 14388:2005/AC:2008                                |
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|   |   | 99/93/EC Doors, windows, shutters, blinds, gates and related building hardware (1/1) : - Doors and gates (with or without related hardware) (other declared specific uses and/or uses subject to other specific requirements, in particular noise, energy, tightness and safety-in-use (i.e. NOT for fire/smoke compartmentation, NOT for escape routes). | EN 13241-1:2003<br>EN 13241-1:2003+A1:2011<br>EN 14351-1:2006+A2:2016 |
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|  |   | 99/472/EC Pipes, tanks and ancillaries not in contact with water intended for human consumption (4/5) :- Valves and taps (in installations in areas subject to reaction to fire regulations, used for the transport/distribution/ storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building). | EN 331:1998<br>EN 331:1998/A1:2010                                   |



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