

ISO/IEC equivalent standards to the EN standards referenced in the EIHP draft regulations

The tables below gives the number and title of the ISO/IEC standards that were published or that are currently in development on the same topics as the EN standards referenced in the EIHP draft regulations.

| EIHP draft regulations —Uniform Provisions Concerning the Approval of : I Specific Components of Motor Vehicles Using Liquid Hydrogen; II. Vehicles with Regard to the Installation of Specific Components for the Use of Liquid Hydrogen. 29-08-2001 | | |
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| EN number | EN 287-1 | Approval testing of welders — Part 1 steels |
| ISO equivalent | ISO 9606-1:1994 | Approval testing of welders -- Fusion welding -- Part 1: Steels |
| EN number | EN 288-3 | Specification and qualification of welding procedures for metallic materials — Part 3 Welding procedure tests for arc welding of steel |
| ISO equivalent | ISO/DIS 15609-1 | Specification and approval of welding procedures for metallic materials -- Welding procedure specification -- Part 1: Arc welding |
| EN number | EN 729-2 | Quality requirements for welding — fusion welding of metallic materials — Part 2 Comprehensive quality requirements |
| ISO equivalent | ISO 3834-2:1994 | Quality requirements for welding — Fusion welding of metallic materials — Part 2: Comprehensive quality requirements |
| EN number | EN 729-3 | Quality requirements for welding - fusion welding of metallic materials — Part 3 Standard quality requirements |
| ISO equivalent | ISO 3834-3:1994 | Quality requirements for welding — Fusion welding of metallic materials — Part 3: Standards quality requirements |
| EN number | NF EN 1252-1 | Cryogenic vessels - Materials — Part 1:Toughness requirements for temperatures below -80°C |
| ISO equivalent | ISO/CD 21028-1 | Cryogenic vessels — Toughness requirements for materials at cryogenic temperature — Part 1: Temperature below -80 °C |
| EN number | prEN 1251-2 | Cryogenic vessels — Transportable vacuum insulated vessels of not more than 1000 litres volume — Part 2: Design Fabrication and Testing |
| ISO equivalent | ISO/CD 21029-1 | Cryogenic vessels — Transportable vacuum insulated vessels of no more 1000 l volume — Part 1: Design, fabrication , inspection and testing |
| EN number | EN 1418 | Welding personnel — Approval testing of welding operators for fusion welding and resistance weld setters for fully mechanised and automatic welding of metallic materials |
| ISO equivalent | ISO 14732:1998 | Welding personnel -- Approval testing of welding operators for fusion welding and of resistance weld setters for fully mechanized and automatic welding of metallic materials |
| EN number | prEN 1626 | Cryogenic vessels — Valves for cryogenic service |
| ISO equivalent | ISO/WD 21011 | Cryogenic vessels —Valves |
| EN number | EN 1797 | Cryogenic vessels - Part 1 Gas/material compatibility |
| ISO equivalent | ISO/CD 21010 | Cryogenic vessels — Gas/material compatibility |
| EN number | EN 10204 | Metallic products, types of inspection documents |
| ISO equivalent | ISO 10474:1991 | Steel and steel products -- Inspection documents |
| EN number | EN 12300 | Cryogenic vessels — Cleanliness for cryogenic service |
| ISO equivalent | ISO/AWI 23028 | Cryogenic vessels — Cleanliness for cryogenic service |
| EN number | EN 12434 | Cryogenic vessels — Cryogenic flexible hoses |
| ISO equivalent | ISO/WD 21012 | Cryogenic vessels — Hoses |
| EN number | EN 13371 | Cryogenic vessels — Couplings for cryogenic service |
| ISO equivalent | | No equivalent standard was found |

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| EN number | prEN13648-1 | Cryogenic vessels-safety devices for protection against excessive pressure — Part 1: Safety valves for cryogenic service |
| ISO equivalent | ISO/WD 21013-1 | Cryogenic vessels – Pressure relief devices — Part 1: Reclosable relief |
| EN number | prEN 13648-2 | Cryogenic vessels-safety devices for protection against excessive pressure — Part 2: Burst discs |
| ISO equivalent | ISO/WD 21013-2 | Cryogenic vessels – Pressure relief devices — Part 2: Non-reclosable relief |
| EN number | prEN 13648-3 | Cryogenic vessels — Safety devices for protection against excessive pressure — Part 3 : Determination of required discharge - Capacity and sizing |
| ISO equivalent | ISO/CD 21013-3 | Cryogenic vessels – Pressure relief devices — Part 3: Sizing and capacity determination |
| EN number | EN 50014 | Electrical apparatus for potentially explosive atmospheres — General requirements |
| IEC equivalent | IEC 60079-0:2000 | Electrical apparatus for explosive gas atmospheres - Part 0: General requirements |
| EN number | EN 50015 | Electrical apparatus for potentially explosive atmospheres — Oil immersion 'o' |
| IEC equivalent | IEC 60079-6:1995 | Electrical apparatus for explosive gas atmospheres - Part 6: Oil-immersion 'o' |
| EN number | EN 50016 | Electrical apparatus for potentially explosive atmospheres — Pressurized apparatus 'p' |
| IEC equivalent | IEC 60079-2:2001 | Electrical apparatus for explosive gas atmospheres - Part 2: Pressurized enclosures "p" |
| EN number | EN 50017 | Electrical apparatus for potentially explosive atmospheres — Powder filling "q" |
| IEC equivalent | IEC 60079-5:1997 | Electrical apparatus for explosive gas atmospheres - Part 5: Powder filling "q" |
| EN number | EN 50018 | Electrical apparatus for potentially explosive atmospheres — Flameproof enclosure 'd' |
| IEC equivalent | IEC 60079-1/Corr. 1:2001 | Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures "d" |
| EN number | EN 50019 | Electrical apparatus for potentially explosive atmospheres — Increased safety 'e' |
| IEC equivalent | IEC 60079-7:2001 | Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety "e" |
| EN number | EN 50020 | Electrical apparatus for potentially explosive atmospheres — Intrinsic safety 'i' |
| IEC equivalent | IEC 60079-11:1999 | Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic safety "i" |
| EN number | EN 50021 | Electrical apparatus for potentially explosive atmospheres — Type of protection "n" |
| IEC equivalent | IEC 60079-15:2001 | Electrical apparatus for explosive gas atmospheres - Part 15: Type of protection "n" |

EIHP Draft regulations: Uniform Provisions Concerning the Approval of : I Specific Components of Motor Vehicles Using Compressed Gaseous Hydrogen; II. Vehicles with Regard to the Installation of Specific Components for the Use of Compressed Gaseous . Rev. 9

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| EN number | EN 50054:1999 | Electrical apparatus for the detection and measurement of combustible gases. General requirements and test methods |
| ISO equivalent | | No IEC/ISO equivalent was found. |
| EN number | EN 50057:1999 | Electrical apparatus for the detection and measurement of combustible gases. Performance requirements for Group II apparatus indicating up to 100% lower explosive limit |
| ISO equivalent | | No IEC/ISO equivalent was found. |
| EN number | EN 50058:1999 | Electrical apparatus for the detection and measurement of combustible gases. Performance requirements for Group II apparatus indicating up to 100% (V/V) gas. |
| ISO equivalent | | No IEC/ISO equivalent was found. |