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भारतीय मानक ब्यूरो

***BUREAU OF INDIAN STANDARDS***

**RESOLUTION**

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| **Name of the Committee** | **No. of Meeting** | **Date & Day of the meeting** | **Time** | **Physical Meeting** |
| Welding General and its Applications Sectional Committee, MTD -11 | 24th | 27th February 2024  Tuesday | 1030 hrs | Venue :  Manak Bhawan, New Delhi |

**Chairperson:** Dr Shaju K. Albert **Member Secretary:** Shri Vishal Kumar Rana

**Resolution Details:**

In the 24th Technical Committee meeting, decisions were taken regarding the standards by the committee as given below :

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| --- | --- | --- | --- |
| **Sl. no.** | **Doc No / IS No./ ISO No.** | **Title** | **Decision taken by**  **the committee** |
|  | **IS 6016:2009/ ISO3253:1998** | Gas Welding Equipment - Hose Connections for Equipment for Welding, Cutting and Allied Processes | **Draft to be submitted by Shri M Krishnamoorthy** |
|  | **IS 812 : 1957** | Glossary of terms relating to welding and cutting of metals | **Finalize and Send for Printing.** |
|  | **IS 5897:1985** | Aluminium and aluminium alloy welding rods and wires and magnesium alloy welding rods | **Finalize and Send for Printing.** |
|  | **IS 1278 : 1972** | Filler Rods And Wires For Gas Welding | **Draft to be submitted by Shri Pankaj jain** |
|  | **IS 11368 (Pt 1) : 1985 -** | Comparison of Indian and overseas classification and coding of welding filler materials Part 1 Flux coated mild steel and medium tensile steel electrodes for manual metal arc welding | **Draft to be submitted by Shri T Prasada Rao** |
|  | **IS 5898 : 1970** | Copper and Copper Alloy Bare Solid Welding Rods and Electrodes | **Finalize and Send for Printing.** |
|  | **IS 5857 : 1970** | Nickel and nickel alloy bare solid welding rods and electrodes | **Finalize and Send for Printing.** |
|  | **IS 8736:1977** | Nickel and nickel alloy covered electrodes for metal arc welding | **Send for Wide Circulation.** |
|  | **IS 7303:1974** | Covered electrodes for surfacing of metal by manual arc welding | **Draft to be submitted by Shri Somnath Chakravarty.** |
|  | **Review of IS4353 : 1995** | Submerged arc welding of mild steel and low alloy steels - Recommendations (First Revision) | **Draft to be submitted by Shri Somnath Chakravarty.** |
|  | **Review of IS 5139:1995** | - Repair of cast iron castings by Oxy - Acetylene and manual metal arc welding - Recommendations (First Revision) | **Finalize and Send for Printing incorporating comments** |
|  | **Review of IS 10178 : 1995 – CO2** | Gas Shielded Metal - Arc Welding Of Structural Steels –Recommendations (First Revision) | **Reaffirmed.** |
|  | **Review of IS 10801 : 1984** | Recommended procedure for heat treatment of welded fabrication | **Draft to be submitted by Shri Shaju Albert** |
|  | **IS 1024 : 1999** | Use of Welding In Bridges And Structures Subject To Dynamic Loading - Code Of Practice (second revision ) | **Finalize and Send for Printing.** |
|  | **Standard formulation** | ‘Code Of Practice For Training And Testing Of Metal Arc Welders Part 3 Gas Tungsten Arc Welding’ | **Draft to be submitted by Shri M Krishnamoorthy** |
|  | **IS 11802 : 1986** | Methods for determination of diffusible hydrogen content of deposited weld metal from covered electrodes in welding mild and low alloy steels | **Finalize and Send for Printing.** |
|  | **IS 8666 : 1977** | Specification for copper and copper alloy covered electrodes for manual metal arc welding | **Finalize and Send for Printing.** |
|  | **ISO 6847:2020** | Welding consumables — Deposition of a weld metal pad for chemical analysis | **Finalize and Send for Printing.** |
|  | **ISO 12153:2022** | Welding consumables — Tubular-cored electrodes for gas-shielded and non-gas-shielded metal arc welding of nickel and nickel alloys — Classification | **Finalize and Send for Printing.** |
|  | **ISO 14171:2016** | Welding consumables — Solid wire electrodes, tubular cored electrodes and electrode/flux combinations for submerged arc welding of non alloy and fine grain steels — Classification | **Finalize and Send for Printing.** |
|  | **ISO 14175:2008** | Welding consumables — Gases and gas mixtures for fusion welding and allied processes | **Finalize and Send for Printing.** |
|  | **ISO 14732:2013** | Welding personnel — Qualification testing of welding operators and weld setters for mechanized and automatic welding of metallic materials. | **Finalize and Send for Printing.** |
|  | **ISO 15792-1:2020** | Welding consumables — Test methods — Part 1: Preparation of all-weld metal test pieces and specimens in steel, nickel and nickel alloys | **Finalize and Send for Printing.** |
|  | **ISO 15792-2:2020** | Welding consumables — Test methods — Part 2: Preparation of single-run and two-run technique test pieces and specimens in steel | **Finalize and Send for Printing.** |
|  | **ISO 15792-3:2011** | Welding consumables — Test methods — Part 3: Classification testing of positional capacity and root penetration of welding consumables in a fillet weld | **Finalize and Send for Printing.** |
|  | **ISO 17633:2017** | Welding consumables — Tubular cored electrodes and rods for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels — Classification | **Finalize and Send for Printing.** |
|  | **ISO 17634:2015** | Welding consumables — Tubular cored electrodes for gas shielded metal arc welding of creep-resisting steels — Classification | **Finalize and Send for Printing.** |
|  | **ISO 17779:2021** | Brazing — Specification and qualification of brazing procedures for metallic materials | **Finalize and Send for Printing.** |
|  | **ISO 18276:2017** | Welding consumables — Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels — Classification | **Finalize and Send for Printing.** |
|  | **ISO 24598:2019** | Welding consumables — Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of creep-resisting steels — Classification | **Finalize and Send for Printing.** |
|  | **ISO 26304:2017** | Welding consumables — Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels — Classification | **Finalize and Send for Printing.** |
|  | **ISO 19288:2016** | Welding consumables - Solid wire electrodes, solid wires and rods for fusion welding of magnesium and magnesium alloys - Classification | **Finalize and Send for Printing.** |
|  | **ISO 3580:2017** | Welding consumables - Covered electrodes for manual metal arc welding of creep-resisting steels - Classification | **Finalize and Send for Printing.** |
|  | **IS 13043 : 1991** | Covered manual metal arc welding electrodes - Determination of efficiency, metal recovery and deposition co - Efficient | **Send for Wide Circulation** |
|  | [**IS 15326 : Part 1: 2018**](https://www.services.bis.gov.in/php/BIS_2.0/StandardsFormulationV2/Upload3.php?ID=RUQ3WXdRbzRBdjROOXFFelpDaU10dz09)**/ISO 3834-1 : 2005** | Quality requirements for fusion welding of metallic materials: Part 1 criteria for the selection of the appropriate level of quality requirements (First Revision) | **Finalize and Send for Printing.** |
|  | **ISO 13916 : 2017** | Welding - Measurement of preheating temperature, interpass temperature and preheat maintenance temperature | **Send for Wide Circulation** |
|  | **ISO 14174:2019** | Welding consumables — Fluxes for submerged arc welding and electroslag welding — Classification | **Send for Wide Circulation** |
|  | **ISO 5817:2023** | Welding — Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) — Quality levels for imperfections | **Send for Wide Circulation** |
|  | **ISO 10042 : 2018** | Welding — Arc-welded joints in aluminium and its alloys — Quality levels for imperfections | **Send for Wide Circulation** |
|  | **IS 813 (Part 1) : 2018/ ISO 2553 : 2013** | Welding and Allied Processes Part 1 Symbolic Represendation on Drawings — Welded Joints | **Send for Wide Circulation** |
|  | **IS 813 (Part 2) : 2018/ ISO 4063 : 2009** | Welding and Allied Processes Part 2 Nomenclature of Processes and Reference Numbers | **Send for Wide Circulation** |
|  | **IS 3600 (Part 2) : 2022/ ISO 9016 : 2012** | Method of testing fusion welded joints and weld metal in steel Part 2 Destructive tests on welds in metallic materials Impact tests Test specimen location notch orientation and examination | **Send for Wide Circulation** |
|  | **IS 3600 (Part 3) : 2018/ ISO 4136 : 2012** | Method of Testing Fusion Welded Joints and Weld Metal in Steel Part 3 Destructive Tests on Welds in Metallic Materials — Transverse Tensile Test | **Send for Wide Circulation** |
|  | **IS 3600 (Part 5) : 2018/ ISO 5173 : 2009** | Method of Testing Fusion Welded Joints and Weld Metal in Steel Part 5 Destructive Tests on Welds in Metallic Materials — Bend Tests | **Send for Wide Circulation** |
|  | **IS 3600 (Part 9) : 2022/ ISO 17639 : 2003** | Method of testing fusion welded joints and weld metal in steel Part 9 Destructive tests on welds in metallic materials Macroscopic and microscopic examination of welds | **Send for Wide Circulation** |
|  | **IS 4972 (Part 7) : 2022/**  **ISO 1089 : 1980** | Resistance Spot Welding Part 7 Electrode Taper Fits For Spot Welding Equipment - Dimensions | **Send for Wide Circulation** |
|  | **IS 15326 (Part 5) : 2019/ ISO 3834-5 : 2015** | Quality Requirements for Fusion Welding of Metallic Materials Part 5 Documents with which it is Necessary to Conform to Claim Conformity to the Quality Requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4 | **Send for Wide Circulation** |