

METALLURGICAL ENGINEERING DEPARTMENT

धातुकर्म इंजीनियरिंग विभाग

हमारे संदर्भ: एमटीडी 11/ए-2.18

दिनांक 05.03.2019

Subject: Reaffirmation of Indian Standards pertaining to welding general and its applications sectional committee, MTD 11

विषय : भारतीय मानक की पुनः पुष्टि वेल्डिंग सामान्य एवं उसके अनुप्रयोगों की विषय समिति एमटीडी 11

The following Indian Standards have been reaffirmed during the month of January 2019 by welding general and its applications sectional committee, MTD 11 for a further period of five years from their due date:

निम्नलिखित भारतीय मानक वेल्डिंग सामान्य एवं उसके अनुप्रयोगों की विषय समिति एमटीडी 11 अपने नियत तारीख से पांच वर्ष की अवधि के लिए आगे के दौरान की पुष्टि जनवरी 2019 में की ।

S.No	Document Number	Document Title	Reaffirmed Year
1	SP 12 : 1975	Handbook for Gas Welders	2013
2	IS 812 : 1957	Glossary of terms relating to welding and cutting of metals	2013
3	IS 816 : 1969	Code of practice for use of metal arc welding for general construction in mild steel	2013
4	IS 817 : 1966	Code of practice for training and testing of metal arc welders	2013
5	IS 817 : Part 1 : 1992	Training of Welders - Code of Practice: Part 1 Manual metal arc welding	2013
6	IS 817 : Part 2 : 1996	Training of Welders - Code of Practice: Part 2 Oxyfuel welding	2013
7	IS 818 : 1968	Code of Practice for Safety and Health Requirements in Electric and Gas Welding and Cutting Operations	2013
8	IS 819 : 1957	Code of Practice for Resistance Spot Welding for Light Assemblies in Mild Steel	2013
9	IS 822 : 1970	Code of procedure for inspection of welds	2013
10	IS 1024 : 1999	Code of practice for use of welding in bridges and structures subject to dynamic loading	2012
11	IS 1179 : 1967	Equipment For Eye And Face Protection During Welding	2013
12	IS 1261 : 1959	Code of Practice for Seam Welding in Mild Steel	2013
13	IS 1278 : 1972	Filler Rods And Wires For Gas Welding	2013
14	IS 1323 : 1982	Code of Practice for Oxy-acetylene Welding for Structural Work in Mild Steels	2013
15	IS 1393 : 1961	Code of practice for training and testing of oxy acetylene welders	2013

16	IS 1395 : 1982	Low And Medium Alloy Steel Covered Electrodes For Manual Metal Arc Welding	2013
17	ISIHB MMAW : 1965	ISI Handbook of Manual Metal-arc Welding for Welders	2013
18	IS 2751 : 1979	Code of Practice for Welding of Mild Steel Plain and Deformed Bars for Reinforced Concrete Construction	2013
19	IS 2811 : 1987	Recommendations for Manual Tungsten Inert-gas Arc Welding of Austenitic Stainless Steel	2013
20	IS 2812 : 1993	Recommendations for manual tungsten inert gas arc welding of aluminium and aluminium alloys	2013
21	IS 2927 : 1975	brazing alloys	2013
22	IS 3023 : 2013	Recommended Practice for Building-Up by Thermal Spraying	0
23	IS 3525 : 1998	Metal arc welding for hull constructions of merchant ships in carbon and carbon -manganese steels	2013
24	IS 3600 : Part 1 : 1985	Method of Testing Fusion Welded Joints and Weld Metal in Steel: Part 1 Cruciform fillet weld tensile test	2013
25	IS 3600 : Part 2 : 1985	Method of Testing Fusion Welded Joints and Weld Metal in Steel: Part 2 Beam impact (charpy V-notch) test	2013
26	IS 3600 : Part 7 : 1985	Method of Testing Fusion Welded Joints and Weld Metal in Steel: Part 7 Longitudinal root and face bend test on butt welds	2013
27	IS 3600 : Part 8 : 1985	Method of Testing Fusion Welded Joints and Weld Metal in Steel: Part 8 Nick break test and fillet weld fracture test	2013
28	IS 3600 : Part 9 : 1985	Method of Testing Fusion Welded Joints and Weld Metal in Steel: Part 9 Macro and micro examination	2013
29	IS 4943 : 1968	Assessment of butt and fillet fusion welds in steel sheet, plate and pipe	2013
30	IS 4972 : 1968	Resistance spot welding electrodes	2013
31	IS 5206 : 1983	Covered electrodes for manual metal arc welding of stainless steel and other similar high alloy steels	2013
32	IS 5511 : 1991	Covered electrodes for manual metal arc welding of cast iron_	
33	IS 5530 : 2005	Recommendations for production rectification and repair of steel castings by metal arc welding process	2012
34	IS 5687 : 1970	Glossary of terms relating to welding of plastics	2013
35	IS 5857 : 1970	Nickel and nickel alloy bare solid welding rods and electrodes	2013
36	IS 5897 : 1985	Aluminium and aluminium alloy welding rods and wires and magnesium alloy welding rods	2013
37	IS 5898 : 1970	Copper and Copper Alloy Bare Solid Welding Rods and Electrodes	2013

38	IS 5922 : 1970	Qualifying tests for welders engaged in aircraft welding	2013
39	IS 6409 : 1971	Code of practice for oxy-acetylene flame cleaning	2013
40	IS 6431 : 1971	Tolerances on Dimensions of Plates Cut by Flame	2013
41	IS 6916 : 1973	Code of practice for fabrication welding of steel castings	2013
42	IS 7273 : 1974	Method of testing fusion welded joints in aluminium and aluminium alloys	2013
43	IS 7303 : 1974	Covered electrodes for surfacing of metal by manual arc welding	2013
44	IS 7307 : Part 1 : 1974	Approval tests for welding procedures Part 1 fusion welding of steel	2013
45	IS 7318 : Part 1 : 1974	Approval Test for Welders When Welding Procedure Approval is Not Required - Part I : Fusion welding of Steel	2013
46	IS 7318 : Part 2 : 1974	Approval Tests for Welders when Welding Procedure Approval is not Required - Part II : Tig or Mig Welding of Aluminium and its Alloys	2013
47	IS 7653 : 1975	Manual blow pipes for welding and cutting	2013
48	IS 8002 : 1976	Recommended procedure for welding of flexible PVC	2013
49	IS 8004 : 1976	Recommended procedure for welding of rigid PVC	2013
50	IS 8363 : 1976	Bare wire electrodes for electroslag welding of steels	2013
51	IS 8455 : 1977	Recommended procedure for welding of polythlene	2013
52	IS 8666 : 1977	Copper and copper alloy covered electrodes for manual metal arc welding	2013
53	IS 8736 : 1977	Nickel and nickel alloy covered electrodes for metal arc welding	2013
54	IS 8987 : 1978	Recommended practice for air carbon arc gauging and cutting	2013
55	IS 9006 : 1978	Recommended practice for welding of clad steels	2013
56	IS 9495 : 1980	Test for brazeability of brazing alloys	2013
57	IS 9524 : 1980	Recommended procedure for repair welding of steel components by aluminothermic process	2012
58	IS 9595 : 1996	Metal arc welding of carbon and carbon manganese steels - Recommendations	2013
59	IS 10234 : 1982	Recommendation for General Pipeline Welding	2013
60	IS 10803 : 1984	Method of sampling and preparation of weld pad for chemical analysis of weld metal from covered electrodes for manual metal arc welding	2012
61	IS 11368 : Part 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	2013
62	IS 11802 : 1986	Method Of Determination Of Diffusible Hydrogen Content Of Deposited Weld Metal From Covered Electrodes In Welding Mild And Low Alloy Steels	2013
63	IS 11991 : 1986	Recommended Practice for Flash Butt Welding of Tubes, Rods and Other Sections in Carbon and Alloy Steel	2013
64	IS 13043 : 1991	Covered Manual Metal Arc Welding Electrodes - Determination of Efficiency, Metal Recovery and Deposition Co-efficient	2013
65	IS 13851 : 1993	Storage and redrying of covered electrodes before use - recommendations	2012

66	IS 14419 : 1996	Acceptance standards for radiographic examination of welds for ships - Recommendations	2013
67	IS 15387 : 2003	Resistance Spot Welding - Male Electrode Caps	2013
68	IS 15728 : 2006	Welding - Friction welding of metallic materials	2012
69	IS 15977 : 2013	Classification and Acceptance Tests for Bare Solid Wire Electrodes and Wire Flux Combination for Submerged Arc Welding of Structural Steel - Specification	0
70	IS 16002 : PART 1 : 2012	Welding " Test For Shop Primers In--Relation To Welding And Allied Processes--Part 1 General Requirements	0
71	IS 16002 : PART 2 : 2012	Welding " Test For Shop Primers In--Relation To Welding And Allied Processes--Part 2 Welding Properties Of Shop Primers	0
72	IS 16002 : PART 3 : 2012	Welding " Test For Shop Primers In--Relation To Welding And Allied Processes--Part 3 Thermal Cutting	0
73	IS 16002 : PART 4 : 2012	Welding " Test For Shop Primers In--Relation To Welding And Allied Processes--Part 4 Emission Of Fumes And Gases	0
74	IS 16003 : 2012	Specification And Qualification Of Welding--Procedures For Metallic Materials " --General Rules	0
75	IS 16277 : Part 1 : 2014	Health and Safety in Welding and Allied Processes Sampling of Airborne Particles and Gases in the Operator's Breathing Zone Part 1 Sampling of Airborne Particles	0
76	IS 16278 : Part 1 : 2014	Health and Safety in Welding and Allied Processes Laboratory Method for Sampling Fumes and Gases Part 1 Determination of Fume Emission Rate During Arc Welding and Collection of Fumes for Analysis	0

निदेशक (बिक्री) /प्रमुख (प्रकाशन)/ प्रमुख (पुस्तकालय) से अनुरोध है कि वे उपरोक्त भारतीय मानकों पर पुनः पुष्टिकरण के वर्ष की स्थापना के लिए उचित कार्यवाही करें।

Director (Sales) / H (Pub)/ H (LSC) may kindly take suitable action for affixing the year of reaffirmation to the above mentioned standard

(एन. सूर्यनारायण) (N. Suryanarayana)

वैज्ञानिक 'ई' प्रमुख (धातुकर्म इंजी.) Scientist 'E' & H(MTD)

निदेशक (बिक्री)/D(Sales)

प्रमुख (प्रकाशन)/H(Pub)

प्रमुख (पुस्तकालय)/H(LSC)

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ii) ITS: with the request to host on the intranet

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74	IS 16003 : 2012	Specification And Qualification Of Welding--Procedures For Metallic Materials " --General Rules	0
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