

## Issue 44

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BMS Reference		Issue	Publication Date
BMS0761	Heat Treatment of Metals: Quality Requirements	2	01/04/2020
BMS0918	Application of Underfill on Electronic Substrates	6	19/03/2020
BMS1999	Protection Treatment of Aluminium Alloys by Chemical Conversion Without Hexavalent Chromium	7	30/09/2020
BMS2216	Printed Circuits: General Manufacturing Specification	2	15/09/2016
BMS2851	Cable Harness Manufacturing - Process Requirements	6	16/09/2020
BMS2936	Fusion Welding: Process Requirements	1	20/10/2016
DS 03.0030	Tolerancing of Size (Linear and Angular Dimensions)	6	04/05/2010
DSM 01.0001	Removal of Burrs and Sharp Edges, Tolerances for Allowable Fillets & Screw Thread Starts & Run-Outs	5	01/08/2006
DSM 01.0003	Control of Storage Conditions and Storage Life of Materials, Details, Components and Equipment	9	21/09/2017
DSM 03.0003	Resistance Spot and Seam Welding of Aluminium Alloys and Steels : Manufacturing Requirements	7	22/01/2020
DSM 03.0007	Etch Inspection of Steel Parts: Process Requirements	8	18/03/2011
DSM 03.0012	Nitriding of Corrosion Resisting Steel: Process Requirements (OBSOLESCE)	6	09/01/2009
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DSM 03.0028	Thread Locking and Retaining Using Anaerobic Compounds	12	05/12/2016
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DSM 03.0040	Electrical Discharge Machining of Metals: Process Requirements	5	22/04/2020
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DSM 03.0043	Obsolescent Standard. Not to be referenced on new Designs. Cables and Harness: Manufacture and Usage Requirements	7	18/07/2016
DSM 03.0050	Application of Temporary Protectives to Metallic Parts: Process Requirements	7	15/09/2015
DSM 03.0053	Locking of Fastening Devices	7	11/11/2016
DSM 03.0054	Installation of Wire Thread Inserts and Repair of Damaged Holes	6	19/08/2008

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DSM 03.0059	Electrical Bonding: Manufacturing Requirement	7	01/04/2007
DSM 03.0069	Chromic Acid Anodizing and Dichromate Sealing of Aluminium and Aluminium Alloys: Process Requirements	3	23/07/2020
DSM 03.0070	Electro-Deposition of Zinc: Process Requirements	9	14/09/2020
DSM 04.0001	Procurement of Preferred Metallic Materials for Grade B Applications	16	01/10/2007
MT C2.0031	Printed Circuit Board Assembly Processes and Soldering for Electrical Purposes	3	17/03/2015
MT C2.0391	Handling of Plastic Encapsulated Devices	1	12/02/2010
MT C3.0261	ASSEMBLY - Torque Tightening of Threaded Fasteners	1	12/04/2010
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MT C5.0002	Passivation of Stainless and Corrosion - Resisting Steels: Process Requirements	3	20/12/2018
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<b>BMS 3598</b>	Additive Manufacturing Processes - Metal Powders - Quality Requirements		11/02/2021
<b>BMS 3599</b>	BMS3599 Passivation without Hexavalent Chromium of Stainless and Corrosion - Resisting Steels: Process Requirements		08/12/2019
<b>BMS 3680</b>	Hexavalent Chromium Free Thin film sulfuric acid anodizing of aluminium and aluminium alloys*		08/03/2021
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<b>BMS 4101</b>	Additive Manufacturing processes – Technical Standard for procurement of X5CrNiCu17-4 powder		08/02/2021
<b>BMS 4102</b>	Additive Manufacturing processes – Technical Standard for procurement of Ti-6Al-4V ELI powder		08/02/2021
<b>BMS 4105</b>	Metallic Part or Blank Produced by Additive Powder Bed Technology: Quality Requirements		11/02/2021
<b>BMS 4110</b>	Additive Manufacturing – Laser Powder Bed Fusion Technique – Ti6Al4V Annealed – Technical requirements		27/11/2020

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<b>BMS 4111</b>	Additive Manufacturing – Laser Powder Bed Fusion Technique – Ti6Al4V HIPed – Technical requirements		27/11/2020
<b>BMS 4112</b>	Additive Manufacturing – Laser Powder Bed Fusion Technique – X5CrNiCu17-4 solution treated and precipitation treated – Technical requirements		27/11/2020
<b>BMS 4530</b>	Restricted Processes for Manufacture		20/10/2020
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<b>DSM 03.0011</b>	Gas Nitriding of Low and Medium Alloy Steel: Process Requirements		25/07/2019
<b>DSM 03.0013</b>	Induction Hardening and Tempering of Steel: Process Requirements		25/07/2019
<b>DSM 03.0018</b>	Torch Brazing: Process Requirements		19/07/2019
<b>DSM 03.0020</b>	Furnace, Induction and Resistance Brazing: Process Requirements		30/04/2004
<b>DSM 03.0021</b>	Power Beam Welding: Process Requirements		31/03/2004
<b>DSM 03.0010</b>	Carburizing and Carbo-nitriding of Steel: Process Requirements		25/07/2019
<b>DSM 03.0011</b>	Gas Nitriding of Low and Medium Alloy Steel: Process Requirements		25/07/2019
<b>DSM 03.0013</b>	Induction Hardening and Tempering of Steel: Process Requirements		25/07/2019
<b>DSM 03.0018</b>	Torch Brazing: Process Requirements		19/07/2019
<b>DSM 03.0020</b>	Furnace, Induction and Resistance Brazing: Process Requirements		30/04/2004
<b>DSM 03.0021</b>	Power Beam Welding: Process Requirements		31/03/2004
<b>DSM 03.0023</b>	Polyalkylene Glycol Quenching of Aluminium Alloys: Process Requirements (OBSOLSCENT)		31/03/2004
<b>DSM 03.0034</b>	Dry Film Lubrication: Process Requirements		27/04/2021
<b>DSM 03.0045</b>	Chemical Blackening of Corrosion Resisting Steels: Process Requirements		21/07/2020
<b>DSM 03.0051</b>	Shot Peening: Process Requirements		05/05/2020
<b>DSM 03.0052</b>	Silver Plating of Threaded Parts: Process Requirements		14/09/2015
<b>DSM 03.0061</b>	Self-Lubricating Hard Anodizing of Aluminium and Aluminium Alloys: Process Requirements		13/04/2020
<b>MT C5.5001</b>	Aluminium Alloy Castings: Quality Requirements		15/11/2020
<b>MTM C5.6001</b>	Temperature control during the heat treatment of metallic parts		13/09/2010