

Issue 48 - February 2023			
BMS Reference	Title	Issue	Date
BMS0031	Manufacture of Electronic and Electrical Assemblies: Process Requirements	1	29/11/2021
BMS0761	Heat Treatment of Metals: Quality Requirements	2	31/03/2020
BMS1999	Protection Treatment of Aluminium Alloys by Chemical Conversion Without Hexavalent Chromium	8	10/05/2022
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
BMS3598	Additive Manufacturing Processes - Metal Powders - Quality Requirements	2	11/02/2021
BMS3599	Passivation without Hexavalent Chromium of Stainless and Corrosion - Resisting Steels: Process Requirements	4	30/06/2021
BMS3680	Hexavalent Chromium Free Thin film sulfuric acid anodizing of aluminium and aluminium alloys*	4	08/03/2021
BMS4100	Additive Manufacturing processes – Technical standard for procurement of X5CrNiCu15-5 powder	2	08/02/2021
BMS4101	Additive Manufacturing processes – Technical Standard for procurement of X5CrNiCu17-4 powder	2	08/02/2021
BMS4102	Additive Manufacturing processes – Technical Standard for procurement of Ti-6Al-4V ELI powder	2	08/02/2021
BMS4105	Metallic Part or Blank Produced by Additive Powder Bed Technology: Quality Requirements	2	11/02/2021
BMS4110	Additive Manufacturing – Laser Powder Bed Fusion Technique – Ti6Al4V Annealed – Technical requirements	2	27/11/2020
BMS4111	Additive Manufacturing – Laser Powder Bed Fusion Technique – Ti6Al4V HIPed – Technical requirements	2	27/11/2020
BMS4112	Additive Manufacturing – Laser Powder Bed Fusion Technique – X5CrNiCu17-4 solution treated and precipitation treated – Technical requirements	2	27/11/2020
BMS4530	Restricted Processes for Manufacture	2	30/06/2021
BMS4673	MBDA UK Surface Treatment Supplier Approvals	2	20/10/2022
BMS4213	Manufacturing Response to Critical Items and Key Characteristics being defined in an MBDA design	1	20/02/2019
DS 01.0017	Hardware Marking: Design Requirements	8	06/02/2020
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	10	19/08/2022
DSM 03.0003	Resistance Spot and Seam Welding of Aluminium Alloys and Steels : Manufacturing Requirements	7	21/01/2020
DSM 03.0007	Etch Inspection of Steel Parts: Process Requirements	8	18/03/2011
DSM 03.0009	Forgings: Quality Requirements	8	17/03/2011
DSM 03.0010	Carburizing and Carbo-nitriding of Steel: Process Requirements	9	25/07/2019
DSM 03.0011	Gas Nitriding of Low and Medium Alloy Steel: Process Requirements	6	25/07/2019
DSM 03.0012	Nitriding of Corrosion Resisting Steel: Process Requirements (OBSOLESCE)	6	09/01/2009
DSM 03.0013	Induction Hardening and Tempering of Steel: Process Requirements	6	25/07/2019
DSM 03.0016	Hardware Marking: Process Requirements	38	07/03/2022
DSM 03.0018	Torch Brazing: Process Requirements	9	20/07/2018
DSM 03.0020	Furnace, Induction and Resistance Brazing: Process Requirements	8	01/05/2007
DSM 03.0021	Power Beam Welding: Process Requirements	7	01/04/2004
DSM 03.0022	Flux Dip Brazing of Aluminium and its Alloys: Process Requirements	11	01/12/2006
DSM 03.0023	Polyalkylene Glycol Quenching of Aluminium Alloys: Process Requirements (OBSOLESCE)	5	31/03/2004
DSM 03.0025	Encapsulation: Process Requirements	37	23/03/2022
DSM 03.0027	Painting and Marking of Equipment: Process Requirements	30	05/12/2022
DSM 03.0028	Thread Locking and Retaining Using Anaerobic Compounds	12	27/10/2020
DSM 03.0029	Cleaning and Preparation of Metals and Non-metals Prior to Adhesive Bonding, Painting and Other Processes	22	04/02/2022
DSM 03.0032	Adhesive Bonding: Process Requirements	52	06/07/2022
DSM 03.0033	Jointing and Sealing: Process Requirements	32	10/10/2022
DSM 03.0034	Dry Film Lubrication: Process Requirements	10	27/04/2021
DSM 03.0037	Grit and Abrasive Blasting: Process Requirements	10	28/08/2020
DSM 03.0038	Packaging, Storage Life Conditions and Storage Life Requirements of Vulcanised Rubber and Vulcanised Items	13	06/05/2021
DSM 03.0040	Electrical Discharge Machining of Metals: Process Requirements	5	22/04/2020
DSM 03.0042	Wiring and Cabling: Manufacturing and Repair Requirements	12	15/09/2017
DSM 03.0043	Obsolescent Standard. Not to be referenced on new Designs. Cables and Harness: Manufacture and Usage Requirements	7	18/07/2016
DSM 03.0045	Chemical Blackening of Corrosion Resisting Steels: Process Requirements	5	21/07/2020
DSM 03.0050	Application of Temporary Protectives to Metallic Parts: Process Requirements	7	15/09/2015
DSM 03.0051	Shot Peening: Process Requirements	5	05/05/2020
DSM 03.0052	Silver Plating of Threaded Parts: Process Requirements	4	14/09/2015
DSM 03.0053	Locking of Fastening Devices	9	29/03/2022
DSM 03.0054	Installation of Wire Thread Inserts and Repair of Damaged Holes	7	11/03/2022
DSM 03.0059	Electrical Bonding: Manufacturing Requirement	7	01/04/2007
DSM 03.0061	Self-Lubricating Hard Anodizing of Aluminium and Aluminium Alloys: Process Requirements	4	13/04/2020
DSM 03.0069	Chromic Acid Anodizing and Dichromate Sealing of Aluminium and Aluminium Alloys: Process Equirements	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 C2.0391	Handling of Plastic Encapsulated Devices (Obsolete)	1	12/02/2010
MT C3.0261	ASSEMBLY - Torque Tightening of Threaded Fasteners	1	12/04/2010
MT C5.0001	Acceptable Alternative Metallic Material Standards	11	13/04/2022
MT C5.0002	Passivation of Stainless and Corrosion - Resisting Steels: Process Requirements	4	30/06/2021
MT C5.0003	Electroless nickel-phosphorus alloy coating: Process requirements	1	23/07/2009
MT C5.0004	Electro-deposition of Zinc-Nickel (12-16% Ni) Alloy: Process Requirements	8	27/07/2022
MT C5.0005	Qualification and Approval of Personnel for Non-destructive Testing	1	25/01/2010
MT C5.0006	Penetrant Flaw Detection: Process Requirements	2	16/03/2017
MT C5.0357	Magnetic Particle Flaw Detection: Process Requirements	2	07/01/2011
MT C5.0432	Acceptable Alternatives to UK Specified Standards	5	28/04/2020
MT C5.0444	Electro-deposition of Zinc and Chromate Free Passivation	7	23/06/2022
MT C5.5001	Aluminium Alloy Castings: Quality Requirements	3	15/11/2020

<b>MTM CS.0111</b>	Protective treatment of aluminium alloys using chromate conversion coating	2	10/12/2018
<b>MTM CS.0113</b>	Hard Anodizing of aluminium and its alloys	5	10/12/2018
<b>MTM CS.0114</b>	Sulfuric Acid Anodizing of aluminium and its alloys	2	10/12/2018
<b>MTM CS.6001</b>	Temperature control during the heat treatment of metallic parts	2	14/09/2010