



INCREMENTAL CHANGE

Release Notification Date: 08/06/2021

SPM 70-80-06 CONSUMABLE PRODUCTS - WELD AND BRAZE MATERIALS

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HIGHLIGHTS

HIGHLIGHT REFERENCE DESCRIPTION OF CHANGE

tk70-80-06-800-801 Technical Change: Changed consumable material C06-035 and added C06-069 to the Consumable Products table.

TASK 70-80-06-800-801

1. General.

Ref No.	Consumable Name / Remarks	Supplier
C06-001	Braze Alloy, Powder (GE Spec B50TF142, Class A) Nickel-Chromium-Silicon-Boron B50TF142 Deleted: Duplicate Entry, Replaced by C06-012	
C06-002	Braze Alloy, Powder Ni-Si-B Coast Metal 50 Obsolete Nicrobraz 135 Vitta-Braz 1779	Wall-Colmonoy Corp. Vitta Corporation
	NOTE: AMS 4779; GE Spec B50TF206	
C06-003	Powder, Nickel-Aluminum (GE Spec B50TF13 Class A or Class B) 2101 Vitta-Braz 1013	The Westaim Corporation Vitta Corporation
C06-004	Braze Alloy Gold Nickel (GE Spec B20L1A) (AMS 4787) AMS 4787 / BAu-4	Wesgo Metals, A Division Morgan

C06-005 Braze Alloy, Ag-Cu-Zn-Ni (AMS 4772) AMS 4772 / GBAG-13 Obsolete Braze 541	Advanced Ceramics Lucas-Milhaupt Inc.
C06-006 Braze Alloy Gold-Nickel-Palladium AMS 4786 Palniro 7	Wesgo Metals, A Division Morgan Advanced Ceramics
C06-007 Braze Alloy Powder Ni-Cr-Si-Mn, (GE Spec B50TF99) J8300 Obsolete	
C06-008 Weld Electrode 4643 AL	United States Welding
C06-009 Coating, Alloy-Cobalt Base (GE Spec B50TF55, Class A) Coast Metal 64 Obsolete PMET 994	Polymet Corp.
C06-010 Flux, Braze (AMS 3411) AMS 3411	Local Purchase
C06-011 Braze Alloy (GE Spec B50TF132) BS-1 Obsolete	
C06-012 Braze Alloy, Powder (GE Spec B50TF142, Class A) Nickel-Chromium-Silicon-Boron Amdry 103 Micro Melt G142 A1001608LN2 PAC 1424 Vitta-Braz 1142	Sulzer Metco, Inc. Aerospace International Materials (AIM) Powder Alloy Corp. Vitta Corporation
C06-013 Braze Alloy Powder Ni-Si-B (AMS 4778) Coast Metal 52 Obsolete: Replaced by NI-298 NOTE: Product Numbering change at supplier NI-298 Nicrobraz 130 Vitta-Braz 1778	Praxair / TAFE Indianapolis Wall-Colmonoy Corp. Vitta Corporation
C06-014 Braze Alloy Powder Ni-Si-B (AMS 4777) Coast Metal 53 Obsolete: Replaced by NI-362-3 NOTE: Product Numbering change at supplier LM Nicrobraz NI-362-3 Vitta-Braz 1777	Wall-Colmonoy Corp. Praxair / TAFE Indianapolis Vitta Corporation
C06-015 Braze Alloy (GE Spec B50TF81, Class A or B) Amdry 100 C (GE Spec B50TF81, Class A) Amdry 100 GE 81 Obsolete: Replaced by Amdry 100 C (GE Spec B50TF81, Class A) B50TF81 Class A Obsolete: Replaced by Vitta-Braz 1782 NOTE: Product ID numbering change at supplier B50TF81 Class B Obsolete: Replaced by Vitta-Braz 1782 NOTE: Product ID numbering change at supplier Micro Melt G81/A4782 Vitta-Braz 1782	Sulzer Metco, Inc. Aerospace International Materials (AIM) Vitta Corporation

C06-016 Lithobrazed BT (GE Spec. B20F16)		
	Lithobrazed BT	Lucas-Milhaupt Inc.
C06-017 Tape, Braze		
	Vitta-Braz 1782, Braze Tape	Vitta Corporation
C06-018 Wire, Weld (GE Spec B50TF146 Class A) or AMS 4952		
	Weld Wire, 6-2-4-2 Ti	Astrolite Alloys Division of Mersen USA, Inc.
C06-019 Binder		
	Braz-Binder Gel Grade ST	Vitta Corporation
	Type 215	HI TecMetal Group
C06-020 Braze Alloy Foil		
	AMS 4778 (0.001 - 0.003 in. Thick)	Wesgo Metals, A Division Morgan Advanced Ceramics
	AMS 4779 (0.001 - 0.003 in. Thick)	Wesgo Metals, A Division Morgan Advanced Ceramics
C06-021 Braze Alloy Foil		
	AU-6	Wesgo Metals, A Division Morgan Advanced Ceramics
C06-022 Ceramic Fiber Insulation Regular Bulk		
	Silica-Alumina Fiberfrax	Unifrax Corporation
C06-023 Weld Electrode (GE Spec B50TF193 Class A)		
	PMET 980	Polymet Corp.
	Tribaloy 800	Stellite Coatings Deloro Stellite, Inc.
C06-024 Braze Alloy Nickel Powder (GE Spec B50TF17)		
	Class A	
	Deleted: Supplier could not meet GE Spec.	
	Class B AN325	
	Deleted: Supplier could not meet GE Spec.	
	NI-101 (Class A and B)	Praxair / TAFE Indianapolis
C06-025 Braze Alloy (GE Spec B50TF198)		
	Ni-680-1	Praxair / TAFE Indianapolis
	Ni-Pd-Cr-B	Sulzer Metco, Inc.
	Ni-Pd-Cr-B	Wesgo Metals, A Division Morgan Advanced Ceramics
	NOTE: Class D (foil) only	
C06-026 Braze Alloy Tape (AMS 4778)		
	AMS 4778 / Acrylic Binder 0.037 in. thick x 0.75 in. Wide	Sulzer Metco, Inc.
	Micro Melt G205/A4778	Aerospace International Materials (AIM)
	Vitta-Braz 1778	Vitta Corporation
	NOTE: GE Spec B50TF205	
C06-027 Metal Powder, (GE Spec B50TF90)		
	NI-334	Praxair / TAFE Indianapolis
	Nickel Braze Alloy (GE Spec B50TF90)	Sulzer Metco, Inc.
	Vitta-Braz 1090	Vitta Corporation
C06-028 Blasting Grit, Nichrome Base		
	Microblast Grit	Wall-Colmonoy Corp.
C06-029 Braze Alloy Ni, 15.0 Cr, 3.5 B (GE Spec B50TF207)		
	AMI 775	Sulzer Metco, Inc.
C06-030 Flux, Welding		
	Solar Flux, Type I	Golden Empire Corp.
C06-031 Weld Wire, Rene 142, (GE Spec B50TF274, Class A)		
	PMET 842	Polymet Corp.
C06-032 Alloy Powder (GE Spec B50TF183, Class A)		
	G183	Dynamet Powder Products
	NI-183	Praxair / TAFE Indianapolis

Rene 80	Sulzer Metco, Inc.
C06-033 Weld Wire (GE Spec B50TF259, Class B)	
PMET 880	Polymet Corp.
C06-034 Braze Filler Powder, HS-188	
CO-273-5	Praxair / TAFE Indianapolis
CO-273-6	Praxair / TAFE Indianapolis
C06-035 Braze Foil (GE Spec B50TF217, Class A)	
MBF50A	AlliedSignal Amorphous Metals
Deleted: Replaced by C06-069	
C06-036 Weld Powder R142	
NI-365-3 (GE Spec B50TF271 Class B)	Praxair / TAFE Indianapolis
C06-037 Weld Wire, GTD222 (GE Spec C50TF101, Chemistry only or GE Spec B50TF311)	
PMET 822 (GE Spec C50TF101, Chemistry only)	Polymet Corp.
PMET 823 (GE Spec B50TF311)	Polymet Corp.
C06-038 Flux, High Temperature Braze (AMS 3417)	
Nicrobraz Flux	Wall-Colmonoy Corp.
C06-039 Weld Wire (GE Spec B50TF239)	
Turbaloy 220	United States Welding
C06-040 Weld Wire (GE Spec B50TF307, Class A)	
B50TF307, Class A	Aerospace International Materials (AIM)
C06-041 Braze Alloy Foil (AMS 4777)	
Braze Alloy Foil (AMS 4777)	Wesgo Metals, A Division Morgan Advanced Ceramics
METGLAS MBF 20	Honeywell Amorphous Metals
C06-042 Braze Alloy, Powder (GE Spec B50TF108, Class A)	
Amdry B-93	Sulzer Metco, Inc.
NI 332	Praxair / TAFE Concord
C06-043 Braze Alloy, Powder (GE Spec B50TF185, Class A)	
Amdry X40	Sulzer Metco, Inc.
C06-044 Braze Alloy, Powder (GE Spec B50TF173, Class A) D15 Brazing and Activated Diffusion Bonding Alloy	
Amdry D15	Sulzer Metco, Inc.
C06-045 Braze Alloy, Powder (GE Spec B50TF292, Class A)	
1168-3PO Braze Alloy SA650	Aerospace International Materials (AIM)
SA-650	Dynamet Powder Products
SA-650	Praxair / TAFE Concord
C06-046 Wire, Weld, Rene 195 (GE Spec. B50TF308)	
PMET 895	Polymet Corp.
C06-047 Braze Filler Wire (AMS 4765)	
PAC 1200	Powder Alloy Corp.
C06-048 Wire, Weld, Hast W (AMS 5786)	
PMET 870	Polymet Corp.
C06-049 Wire, Weld, Rene 41 (AMS 5800)	
Rene 41	Welding Warehouse
C06-050 Wire, Weld, Inco 625 (AMS 5837)	
Inco 625 Weld Wire	Local Purchase
C06-051 Wire, Weld, L-605 (AMS 5796)	
L605 Filler Wire	Local Purchase
C06-052 Wire, Weld, Hastelloy X (AWS A5.14, ERNiCrMo-2, AMS 5798)	
Hastelloy X Weld Wire	Haynes International
Hastelloy X Weld Wire	Local Purchase
C06-053 Wire, Weld, Haynes 188 (AMS 5801)	
Haynes 188 Weld Wire	Local Purchase
Haynes 188 Weld Wire	Haynes International

C06-054 Wire, Rod, Nichrome V (AMS 5676)	
Wire, Rod, Nichrome V	Local Purchase
C06-055 Sheet, Strip, Hastelloy X (AMS 5536)	
Hastelloy X Sheet, Strip	Haynes International
Hastelloy X Sheet, Strip	Local Purchase
C06-056 Braze Alloy, Wire (AMS 4764)	
Handy Hi-Temp 095	Lucas-Milhaupt Inc.
Icronibsi-13	Wesgo Metals, A Division Morgan Advanced Ceramics
C06-057 Braze Alloy (GE Spec B50TF63 Class A)	
PAC Copper Base 1410	Powder Alloy Corp.
Vitta-Braz 1764	Vitta Corporation
C06-058 Wire, Weld, 347 SS (AMS 5680)	
Turbaloy 347 HQ-Grade	United States Welding
C06-059 Flux, Silver Brazing (AMS 3410)	
Handy Flux	Lucas-Milhaupt Inc.
NOTE: Must Request Certification to AMS 3410	
C06-060 Braze Alloy (GE Spec. B50TF143 Class A)	
NI-568	Praxair / TAFE Indianapolis
PAC 1426	Powder Alloy Corp.
Vitta-Braz 1143	Vitta Corporation
C06-061 Braze Alloy Foil (GE Spec. B50TF204 Class A)	
Ni-Flex 77	Materials Development Corporation
C06-062 Braze Alloy, Powder (GE Spec. B50TF204 Class A)	
Amdry 770	Sulzer Metco, Inc.
NI 362-3	Praxair / TAFE Indianapolis
PAC 1444	Powder Alloy Corp.
C06-063 Sheet, Strip, Haynes 188 (AMS 5608)	
Haynes 188 Sheet, Strip	Haynes International
Haynes 188 Sheet, Strip	Local Purchase
C06-064 Sheet, Strip, Wire, Nichrome 80 (GE Spec. B21C3A)	
Nichrome 80	Pelican Wire Company, Inc.
C06-065 Braze Alloy Powder (GE Spec. B50TF48 Class A)	
Ticuni	Wesgo Metals, A Division Morgan Advanced Ceramics
C06-066 Braze Alloy Tape (AMS 4777, Chemistry only)	
Braze Alloy Tape	Local Purchase
C06-067 Weld Repair Paste (GE Spec A8B118)	
3M Scotch Weld Repair Paste 2110 (3M I/D # 87-2500-0475-8)	3M Company
C06-068 Weld Powder, GTD 222 (GE Spec. B50TF272 Class C)	Local Purchase
C06-069 Braze Foil (GE Spec B50TF217 Class B)	
MBF50	Metalglas, Inc.

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