

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

Spec No	Process Code	Nadcap Commodity	AC/AS	Nomenclature
REVISION EF - December 1, 2005				
Qual Sys Code 001	001	AQS	7004	Basic Quality System
Qual Sys Code 002	002			QS D1-4426 & D1-9000 Sec I
BAC 5617	101	HT	7102	Heat Treat of Alloy Steels
MIL-H-6875	102	HT	7102	Heat Treat of Alloy Steels
AMS-H-6875	102A	HT	7102	Heat Treat of Steel
AMS 2759	103	HT	7102	Heat Treat of Alloy Steels
BAC 5602	111	HT	7102	Heat Treat of Aluminum Alloys
MIL-H-6088	112	HT	7102	Heat Treat of Aluminum Alloys
AMS-H-6088	112A	HT	7102	Heat Treat of Aluminum Alloys
AMS 2770	113	HT	7102	Heat Treat of Wrought Aluminum Alloys
AMS 2771	114	HT	7102	Heat Treatment of Al Alloy Castings
AMS 2772	115	HT	7102	Heat Treatment of Al Alloy Raw Materials
BAC 5611	121	HT	7102	Heat Treat of Copper & Copper Alloys
MIL-H-7199	122	HT	7102	Heat Treat of Copper/Beryllium Alloys
AMS-H-7199	122A	HT	7102	Heat Treatment of Wrought Copper-Beryllium Alloys, Process for
BAC 5619	131	HT	7102	Heat Treat of Corrosion Resistant Steel
MIL-H-6875	132	HT	7102	Heat Treat of Corrosion Resistant Steel
AMS-H-6875	132A	HT	7102	Heat Treat of Corrosion Resistant Steel
AMS 2759	133	HT	7102	Heat Treat of Corrosion Resistant Steel
BAC 5616	141	HT	7102	Heat Treat of Nickel & Cobalt Base Alloy
AMS 2774	142	HT	7102	Heat Treatment Wrought Nickel Alloy & Cobalt Alloy Parts
BAC 5613	151	HT	7102	Heat Treat of Titanium and Ti. Alloys
MIL-H-81200	152	HT	7102	Heat Treat of Titanium and Ti. Alloys
AMS 2801	154	HT	7102	Heat Treatment of Titanium Alloy Parts
BAC 5641	161	HT	7102	Carburizing of Steel
MIL-S-6090	162	HT	7102	Carburizing of Steel
D210-12023-1	163	HT	7102	Carburizing of Steel
D210-10342-1	164	HT	7102	Carburizing of Steel
BAC 5640	171	HT	7102	Nitriding of Steel
MIL-S-6090	172	HT	7102	Nitriding of Steel
MS 12.03	174	HT	7102	Nitriding of Steel
MIL-M-6857	181	HT	7102	Heat Treat of Magnesium
BAC 5975	200	WLD	7110/5	Fusion Welding - Steel Alloys
BAC 5975	201	WLD	7110/5	Fusion Welding - CRES, Heat Resist. Nickel & Cobalt Alloys
MIL-STD-2219	202	WLD	7110/5	Fusion Weld-for A/S App-Steel,CRES&Heat Resist Alloys
AWS D17.1	202A	WLD	7110/5	Specification for Fusion Welding for Aerospace Applications for Steel, CRES & Heat Resistant Alloys
AMS-STD-2219	203	WLD	7110/5	Fusion Weld-for A/S App-Steel,CRES&Heat Resist Alloys
AMS-2685	204	WLD	7110/5	Welding, Tungsten Arc, Inert Gas
BAC 5975	210	WLD	7110/5	Fusion Welding - Aluminum Alloys
MIL-STD-2219	211	WLD	7110/5	Fusion Welding for A/S App Aluminum Alloys
AWS D17.1	211A	WLD	7110/5	Specification for Fusion Welding for Aerospace Applications for Aluminum Alloys
AMS-STD-2219	211B	WLD	7110/5	Fusion Welding for A/S App Aluminum Alloys
MIL-W-8604	211C	WLD	7110/5	Fusion Welding for A/S App Aluminum Alloys
BAC 5975	212	WLD	7110/5	Fusion Welding - Magnesium Alloys
MIL-STD-2219	213	WLD	7110/5	Fusion Welding - Magnesium Alloys
AWS D17.1	213A	WLD	7110/5	Specification for Fusion Welding for Aerospace Applications for Magnesium Alloys
AMS-STD-2219	213B	WLD	7110/5	Fusion Welding - Magnesium Alloys
BAC 5975	214	WLD	7110/5	Fusion Welding - Titanium & Ti. Alloys
MIL-STD-2219	214A	WLD	7110/5	Fusion Welding - Ti Alloys
AWS D17.1	214B	WLD	7110/5	Specification for Fusion Welding for Aerospace Applications for Titanium Alloys
AMS-STD-2219	214C	WLD	7110/5	Fusion Welding - Ti Alloys
BAC 5974	215	WLD	7110/5	Fusion Welding of Girth Joints in Systems Tubing
BAC 5977	220	WLD	7110/4	Resistance Welding - Steel Alloys
MIL-W-6858	221	WLD	7110/4	Resistance Welding - Steel Alloys
BAC 5977	222	WLD	7110/4	Resistance Welding - Ni. & Co. Base Alloys
MIL-W-6858	223	WLD	7110/4	Resistance Welding - Ni. & Co. Base Alloys
AMS-W-6858	223A	WLD	7110/4	Resistance Welding - Nickel & Cobalt Base Alloys
BAC 5977	230	WLD	7110/4	Resistance Welding - Aluminum Alloys
MIL-W-6858	231	WLD	7110/4	Resistance Welding - Aluminum Alloys
BAC 5977	232	WLD	7110/4	Resistance Welding - Magnesium Alloys
MIL-W-6858	233	WLD	7110/4	Resistance Welding - Magnesium Alloys
BAC 5977	234	WLD	7110/4	Resistance Welding - Titanium Alloys
MIL-W-6858	235	WLD	7110/4	Resistance Welding - Titanium Alloys

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

BAC 5936	240	WLD	7110/2	Flashwelding of Steel
MIL-W-6873	241	WLD	7110/2	Flash Welding - Steel
AMS 7490	242	WLD	7110/2	Flash Welding of CRES and Austenitic Steel
BAC 5975	248	WLD	7110/3	Electron Beam & Laser Welding
AMS 2680	248A	WLD	7110/3	Electron Beam Welding - for Fatigue Critical Parts
AMS 2681	248B	WLD	7110/3	Electron Beam Welding
MIL-W-46132	248C	WLD	7110/3	Electron Beam Welding - for Fatigue Critical Parts
MIL-W-46132	248D	WLD	7110/3	Electron-Beam Welding
BAC 5939	250	HT		Copper Brazing of Steel Alloys
BAC 5940	251	WLD	7110/1	Silver Brazing of Steel,Copper, Nickel & Cobalt Alloys-Torch, Induction
BAC 5940	251A	HT	7102/1	Silver Brazing of Steel,Copper, Nickel & Cobalt Alloys - Furnace, Dip
MIL-B-7883	252	WLD	7110/1	Brazing of Steel, Copper, Nickel & Al. - Torch, Induction
AMS 2672	252A	WLD	7110/1	Brazing - Aluminum - Torch
AMS 2673	252B	HT		Dip Brazing - Aluminum
AWS C3.4	252C	WLD	7110/1	Torch Brazing
AWS C3.5	252D	WLD	7110/1	Induction Brazing
AWS C3.6	252E	HT		Furnace Brazing
AWS C3.7	252F	WLD	7110/1	Aluminum Brazing - Torch, Induction
MIL-B-7883	252G	HT	7102/1	Brazing of Steel, Copper, Nickel & Al. - Furnace, Dip
AMS 2672	252H	HT	7102/1	Brazing - Aluminum - Furnace
AWS C3.7	252J	HT	7102/1	Aluminum Brazing - Furnace
BAC 5941	253	WLD	7110/1	Aluminum Brazing of Aluminum - Torch
BAC 5941	253A	HT	7102/1	Aluminum Brazing of Aluminum - Furnace, Dip
AMS 2675	254	HT		Nickel Brazing of Steel, CRES & Heat Res alloys
BAC 5904	255			Furnace Brazing with Heat Resistant Alloys
BAC 5981	260			Pressure Gas Welding of Low Alloy Steel
MIL-M-6874	282A			Metal Spraying
MIL-STD-869	282B			Metal Spraying
AMS 2435	283			Flame Deposition Tungsten Carbide
MIL-A-8625	300	CP	7108	Chromic Acid Anodizing of Alum. - Type I
AMS 2468	300A	CP	7108	Hard Coating - Aluminum
AMS 2469	300B	CP	7108	Hard Coating - Aluminum
AMS-A-8625	300C	CP	7108	Chromic Acid Type I
MIL-A-8625	300D	CP	7108	Anodize Aluminum Type 1c Boric Sulfuric Anodize
MIL-A-8625	301	CP	7108	Sulfuric Acid Anodizing of Alum. - Type II (Division X Exempt)
AMS-A-8625	301A	CP	7108	Sulfuric Acid Anodizing Type II
MIL-A-8625	301B	CP	7108	Anodize Type IIb Boric Sulfuric Anodize
MIL-A-8625	302	CP	7108	Hard Anodizing of Aluminum - Type III
AMS-A-8625	302A	CP	7108	Hard Anodic Coatings Type III
BAC 5019	304	CP	7108	Chromic Acid Anodizing Class 1 & 4
BAC 5019	305	CP	7108	Chromic Acid Anodizing Class 1 & 3
BAC 5022	306	CP	7108	Sulfuric Acid Anodizing
BAC 5821	308	CP	7108	Hard Anodizing - Class 1 & 2
BAC 5821	309	CP	7108	Hard Anodizing - Class 3
MIL-M-45202	310	CP	7108	Anodizing of Magnesium (HAE)
MIL-M-45202	311	CP	7108	Anodizing of Magnesium (DOW 17)
BAC 5734	312	CP	7108	Anodizing of Magnesium (Dow 17 Process)
BAC 5884	313	CP	7108	Anodizing of Aluminum Alloys
D210-12020-1	314	CP	7108	HAE Anodic Treatment Magnesium Alloys, Ty I
BAC 5632	315	CP	7108	Boric Acid-Sulfuric Acid Anodizing Cl.1
AMS 2488	316	CP	7108	Anodic Treatment of Titanium
BAC 5019	317	CP	7108	Chromic Acid Anodizing Class 5
BAC 5632	318	CP	7108	Boric Acid-Sulfuric Acid Anodizing Cl. 5
MIL-C-5541	320	CP	7108	Chemical Conversion Coating on Aluminum (Imm. App only) (Division X Exempt)
ASTM-B-449	320A	CP	7108	Chromates on Aluminum (Immersion Application Only)
BAC 5719	321	CP	7108	Chemical Conversion Coating for Aluminum (Immersion App. only)
MIL-M-3171	322	CP	7108	Conversion Coating Magnesium Ty III (Dow 7)
BAC 5609	324	CP	7108	Conversion Coating on Magnesium (Dow 7)
BAC 5626	325	CP	7108	Colored Chem Conversion Coatings Aluminum
MIL-C-13924	330	CP	7108	Black Oxide Conversion Coating on Steel
AMS 2485	330A	CP	7108	Black Oxide Coating
MIL-DTL-13924	330B	CP	7108	Coating, Oxide, Black, for Ferrous Metals
DOD-P-16232	331	CP	7108	Phosphate Conversion Coating on Steel
MIL-P-16232	331A	CP		Phosphate Coatings, Heavy, Manganese or Zinc Base (for Ferrous Metals)
MIL-DTL-16232	331B	CP	7108	Phosphate Coatings, Heavy, Manganese or Zinc
BAC 5810	332	CP	7108	Phosphate Conversion Coating on Steel
TT-C-490	333	CP		Chemical Conversion Coatings and Pretreatments for Ferrous Surfaces (Base for Organic Coatings) Types I, II, V Only
QQ-P-416	340	CP	7108	Cadmium Plating Types I & II

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

AMS-QQ-P-416	340A	CP		Plating, Cadmium (Electrodeposited)
BAC 5701	341	CP	7108	Cadmium Plating Types I & II
QQ-P-416	342	CP	7108	Cadmium Plating Type III
BAC 5701	343	CP	7108	Cadmium Plating Type III
BAC 5804	344	CP	7108	Low Hyd. Embrittlement Cad./Ti. Plating
MIL-C-8837	345	CP	7108	Cadmium Plating - Vacuum Deposited
AMS-C-8837	345A			Coating, Cadmium (Vacuum Deposited)
BAC 5849	347	CP	7108	Brush Plating, Cadmium only
BAC 5854	348	CP	7108	Low Hydrogen Embrittlement Stylus Cad Plate
BAC 5637	349	CP	7108	Zinc - Nickel Alloy Plating
AMS 2417	349A	CP	7108	Zinc - Nickel Alloy Plating
QQ-C-320	350	CP	7108	Chromium Plating
BAC 5709	351	CP	7108	Hard Chromium Plating - Class 1 & 2
BAC 5709	352	CP	7108	Hard Chromium Plating - Class 3
BAC 5709	353	CP	7108	Hard Chromium Plating - Class 4
MIL-C-14550	355	CP	7108	Copper Plating
AMS 2418	355A	CP	7108	Plating Copper
BAC 5722	356	CP	7108	Copper Plating
QQ-N-290	360	CP	7108	Nickel Plating
AMS-QQ-N-290	360A	CP	7108	Nickel Plating (Electrodeposited)-SMPP Rqd
BAC 5746	361	CP	7108	Nickel Plating Types I & II
BAC 5746	362	CP	7108	Nickel Plating Type III
BAC 5728	364	CP	7108	Electroless Nickel Plating
AMS 2416	365	CP	7108	Diffused /Cadmium Plating
MIL-C-26074	366	CP	7108	Electroless Nickel Coatings
MIL-P-81728	366A	CP	7108	Tin-Lead Electrodeposited Plating
AMS 2404	366B	CP	7108	Plating, Electroless Nickel
AMS-C-26074	366C	CP	7108	Coatings, Electroless Nickel Requirements for
MIL-T-10727	367	CP	7108	Tin Plating Types I & II
BAC 5717	368	CP	7108	Tin Plating Types I & II
MIL-R-46085	373	CP	7108	Rhodium Plating, Electrodeposited
QQ-S-365	374	CP	7108	Silver Plating
AMS 2410	374A	CP	7108	Silver Plating
AMS 2411	374B	CP	7108	Silver Plating
BAC 5715	375	CP	7108	Silver Plating
AMS 2412	376	CP	7108	Silver Plating
BAC 5714	377	CP	7108	Electroplating of Aluminum
BAC 5851	382			Application of Plasma Flame Spray Coating
BAC 5861	383	CP	7108	Phosphate Fluoride Coatings - Titanium
MS 8.17	384	CP	7108	Black Oxide Steel Conversion Coating
BAC 5811	391	CP	7108/1	Dry Film Lubricant - Type VIII only
BAC 5793	392	CP	7108/1	Application of Corrosion Resistant Finish for Integral Fuel Tanks (Manual touch-up excluded from requiring approval)
BAC 5357	392B	CP	7108/1	Application of Non-Chromated Integral Fuel Tank Coating on Composite, Titanium and CRES Surfaces
MIL-C-5056	394			Resin Coating
BAC 5424	400	NDT	7114/2	Magnetic Particle Inspection
BSS 7040	400A	NDT	7114/2	Magnetic Particle Inspection
ASTM-E-1444	402	NDT	7114/2	Magnetic Particle Inspection
MIL-STD-1949	403	NDT	7114/2	Magnetic Particle Inspection
MIL-I-6868	404	NDT	7114/2	Magnetic Particle Inspection
BAC 5423	410	NDT	7114/1	Penetrant Inspection
BSS 7039	410A	NDT	7114/1	Liquid Penetrant Inspection
ASTM-E-1417	411	NDT	7114/1	Penetrant Inspection
MIL-STD-6866	412	NDT	7114/1	Penetrant Inspection
MIL-I-6866	413	NDT	7114/1	Penetrant Inspection
MIL-STD-453	420	NDT	7114/1	Radiographic Inspection
ASTM-E-1742	420A	NDT	7114/1	Standard Practice for Radiographic Inspection
BSS 7041	421	NDT	7114/1	Radiologic Insp, Radiography (film)
BSS 7042	421A			Radiologic Insp, Radioscopy
BSS 7043	421B			Radiologic Insp-Storage Phosphor Plate
BSS 7044	421C			Radiologic Insp, Digital Radioscopic
BSS 7045	421D			Radiologic Insp, Composite Structures
BAC 5915 & -2	421X			Obsolete Superseded by Bss 7042
BAC 5915 & -1	421Y			Obsolete Superseded by BSS 7041
AMS 2650	422			Radiographic Inspection - Fluoroscopic
ASTM-E-545	423			Radiographic Inspection - Thermal Neutron
ASTM-E-748	424			Standard Practices for Thermal Neutron Radiography of Materials
BAC 5439	430	NDT	7114/3	Ultrasonic Inspection, Longitudinal Wave
BSS 7052	430A	NDT	7114/3	Ultrasonic Insp, Longitudinal
BSS 7052	430B	NDT	7114/3	Ultrasonic Insp, Shear Wave

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

BAC 5439-3	431			
BSS 7055	431A	NDT	7114/3	UT Insp Plate & Flat - Obsolete Superseded by BSS 7055
BSS 7055	431B	NDT	7114/3	Ultrasonic Insp, Plate & Flat
BAC 5439-3	432	NDT	7114/3	Ultrasonic Insp, Round & Shapes
BAC 5439	433	NDT	7114/3	UT Insp Rounds & Shapes - Obsolete Superseded by BSS 7055
BAC 5439-1	434	NDT	7114/3	Ultrasonic Insp. Shear, Surface & Lamb Wave
BAC 5439-2	435	NDT	7114/3	Ultrasonic Inspection, Welds
MIL-STD-2154	436	NDT	7114/3	Ultrasonic Inspection, Tubing
AMS 2631	436A	NDT	7114/3	Ultrasonic Insp. of Flat Surface Shapes
AMS-STD-2154	436B	NDT	7114/3	NDI - Ultrasonic
MIL-I-8950	436C	NDT	7114/3	Ultrasonic Inspection of Flat Surface Shapes
ASTM 2631	436D	NDT	7114/3	Ultrasonic Insp. of Flat Surface Shapes
ASTM-E-2375	436E	NDT	7114/3	NDI - Ultrasonic
MIL-STD-2154	437	NDT	7114/3	Ultrasonic Inspection of Flat Surfaces
AMS-STD-2154	437A	NDT	7114/3	Ultrasonic Insp, Rounds & Shapes
MIL-I-8950	437B	NDT	7114/3	Ultrasonic Inspection of Rounds & C36 Shapes
ASTM E 2375	437C	NDT	7114/3	Ultrasonic Insp, Rounds & Shapes
BSS 7048	440			Ultrasonic Inspection of Rounds and Curved Shapes
BAC 5963	440X			Eddy Current Insp, Discontinuities
BAC 5436	441	CP		Obsolete Superseded by BSS 7048
BAC 5980	443	NDT	7114/3	Etch Insp. Ground or Machined Steel Parts
BAC 5968	444	NDT	7114/3	NDI of Composite Parts & Structures
D210-12238-1	445			NDI of Adhesive Bonds
BAC 5730	500	NMSE	7117	Eddy Current Inspection of Bearing Races and Balls
BAC 5730-1	501	NMSE	7117	Shot Peening
BAC 5730-2	502	NMSE	7117	Shot Peen Forming
MIL-S-13165	503	NMSE	7117	Shot Peening - Self Contained
AMS-S-13165	503A	NMSE	7117	Shot Peening
MIL-R-81841	504	NMSE	7117	Shot Peening
BAC 5951	505	NMSE	7117	Rotary Flap Peening of Metal Parts
MIL-STD-852	505A	NMSE	7117	Glass Bead Peening
BAC 5730	506	NMSE	7117	Glass Bead Peening Procedures
AMS 2430	507	NMSE	7117	Shot Peening (Boeing Helicopters only)
AMS 2432	508	NMSE	7117	Shot Peening
BAC 5753	510			Shot Peening
D210-12049-1	511	CP	7108/2	Cleaning & Descaling of Titanium - Class II Only
MIL-STD-1246	516H			Cleaning Transmission, Rotor Head Passages & Orifice
AMS 2491	524			Product Cleanliness Levels & Contamination Control Program V
BAC 5842	530	CP	7108/2	Surface Treatment PTFE Preparation for Bonding
BAC 5759	531	CP	7108/2	Chemical Milling of Titanium Alloys
BAC 5772	532	CP	7108/2	Chemical Milling of Steel, Nickel and Cobalt Alloys+E49
BAC 5772	533	CP	7108/2	Chemical Milling of Aluminum Type I
BAC 5772	535	CP	7108/2	Chemical Milling of Aluminum Type I & II
BAC 5514	540	COMP	7118/2	Chemical Milling of Aluminum Type III
	541	COMP	7118/2 & /3	Structural Bonding Class MM per D-16925 (QPL)
BAC 5514	541+F4 limitation	COMP	7118/3	Structural Bonding Class HC per D-16925 (QPL)
BAC 5555	542	CP	7108/3	Phosphoric Acid Anodize (QPL)
BMS 4-4	545			Honeycomb Core 5052 Aluminum Alloy
BMS 4-6	546			Flexible 5052 Aluminum Alloy Core
D6-1276	550			Control of Designated Parts, Forgings
BAC 5032	570			Grinding of Chromium Plate - Landing gear parts 275 KSI or above
BAC 5636	580			Superplastic Forming of Ti-6Al-4V
BAC 5334	581			Superplastic Forming 7475 Alum. Alloy
BAC 5333	582			Superplastic Forming 2004 Alum. Alloy
BPS-F-69	590			Fasteners, Externally Threaded
BPS-N-70	591			Nut, Self-Locking
BPS-F-67	592			Fasteners, Hex-Drive Bolts
BPS-F-68	593			Fasteners, Preload Collars
BPS-F-46	594			Fasteners, Lockbolts & Collars
BPS-F-143	595			Fasteners, Blind Bolts for Composite Struct.
BPS-R-131	596			Rivets, Solid
ALUMINUM Ingot	600			Ingot
BMS 7-186	601			2014 Alum Stock, Block or Die Forging
ALUMINUM Ingot	604			Ingot
QQ-A-250/4E	605			2024 Alum Bare Sheet & Plate
QQ-A-250/5F	606			2024 Alum Alclad Sheet & Plate
BMS 7-305	606A			2024 Aluminum High Formability Alclad Sheet
QQ-A-200/3F	607			2024 Alum Extruded Bar/Shapes
QQ-A-225/6E	608			2024 Alum Bar
WW-T-700/3F	609			2024 Alum Tube
ALUMINUM Ingot	610			Ingot

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

BMS 7-255	611	2224 Alum Extruded Bar, Rod & Shapes
ALUMINUM Ingot	612	Ingot
BMS 7-254	613	2324 Aluminum Plate
ALUMINUM Ingot	614	Ingot
BMS 7-214	615	7049 Alum Stock; Block & Die Forgings
ALUMINUM Ingot	616	Ingot
AMS 4201	617	7050 Aluminum Alloy Plate -T7651
AMS 4050	618	7050 Aluminum Plate
BMS 7-214	619	7050 Alum Stock, Block & Die Forgings
AMS 4340	620	7050 Aluminum Extruded Bar & Shapes
ALUMINUM Ingot	621	Ingot
QQ-A-250/12F	622	7075 Alum Bare Sheet & Plate
QQ-A-250/13E	623	7075 Alum Alclad Sheet & Plate
BMS 7-302	623B	7075 Aluminum High Formability Bare and Alclad Sheet
QQ-A-200/11E	624	7075 Alum Extruded Bar/Shapes
QQ-A-200/15B	625	7075 Alum Exfol. Res. Extr. Bar/Shapes
BMS 7-186	626	Alum Stock: Block & Die Forgings (7075 only)
WW-T-700/7B	627	7075 Alum Tube
QQ-A-225/9E	628	7075 Alum Bar
QQ-A-250/24B	629	7075 Alum Exfol. Res. Sheet & Plate
BMS 7-323	630	7050 High Strength Alum Plate
ALUMINUM Ingot	631	Ingot
AMS 4344	632	7175 T73511 Extruded Bar, Rods & Shapes
BMS 7-214	633	7175 Alum Stock, Block & Die Forgings
ALUMINUM Ingot	634	Ingot
BMS 7-256	635	7150 Alum Plate
BMS 7-257	636	7150 Alum Extruded Bar, Rod & Shapes
BMS 7-306	636A	7150 Aluminum Extruded Bar Rod and Shapes (QPL)
ALUMINUM Ingot	637	Ingot
QQ-A-250/14E	638	7178 Alum Sheet & Plate
QQ-A-200/13C	639	7178 Alum Extruded Bar/Shapes
AMS 4342	640	7050 Alum Sheet/Plate Extruded Bar/Shape
Steel Ingot	650	4330M Ingot
BMS 7-34	651	4330 Steel Sheet/Plate
BMS 7-122	652	4330M Stock, Block, Bar, Die Forgings
Steel Ingot	653	4340 Ingot
AMS 6359	654	4340 Steel Sheet/Plate
BMS 7-28	655	4340 Stock, Block, Bar & Die Forgings (Steel)
Steel Ingot	656	4340M Ingot
BMS 7-26	657	4340 Stock, Block, Bar & Die Forgings
Steel Ingot	658	9Ni-4Co-.30C Ingot
BMS 7-182	659	9Ni-4Co-.30C Stock, Block, Bar, Die Forgings
CRES	660	15-5 P.H. Ingot
BMS 7-240	661	15-5 CRES Steel Sheet/Plate
AMS 5659	662	15-5 CRES Stock, Block, Bar & Die Forgings
AMS 5659	663	15-5 CRES Steel Tube, made of:
AMS 5629	664	13-8Mo Extruded Bar/Shape, Stock, Block or Die Forging
CRES	665	13-8Mo Ingot
Titanium Ingot	670	6A1-4V Ingot
AMS 4928	671	6A1-4V Ti. Stock, Block, Bar & Die Forgings
MIL-T-9047	672	6A1-4V Ti. Stock, Block, Bar & Die Forgings
BMS 7-247	673	6A1-4V Ti. Forging, Premium Quality
AMS 4911	674	6A1-4V Titanium Sheet & Plate
MIL-T-9046	675	6A1-4V Ti. Sheet & Plate
AMS 4935	676	6A1-4V Titanium Extruded Bar & Shapes
Titanium Ingot	678	6A1-6V-2Sn Ingot
MIL-T-9047	679	6A1-6V-2Sn Ti. Stock, Block, Bar & Die Forgings
AMS 4979	680	6A1-6V-2Sn Ti. Stock, Block, Bar & Die Forgings
AMS 4971	680A	6A1-6V-2Sn Ti. Stock, Block, Bar & Die Forgings
Titanium Ingot	681	3A1-2.5V Ingot
BMS 7-234	682	3A1-2.5V Ti. Tube, Seamless
BMS 7-260	683	10V2Fe3A1- Ti Forgings
AMS 4976	684	6A1-2Sn-4Zr-2Mo Titanium Forgings
Titanium Ingot	685	10V-2Fe-3A1 Tit Ingot
Titanium Ingot	686	6A1-2Sn-4Zr-2Mo Ti Ingot
MIL-T-9047	687	6A1-2Sn-4Zr-2Mo Ti. Bar
MIL-T-9046	688	6A1-2Sn-4Zr-2Mo Ti. Sheet
INCONEL	690	625 Ingot
AMS 5599	691	Inconel 625 Sheet & Plate
AMS 5666	692	Inconel 625 Stock, Block, Bar & Die Forgings
AMS 5666	693	Inconel 625 Extruded Bar & Shapes

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

INCONEL	694			718 Ingot
AMS 5596	695			Inconel 718 Sheet & Plate
AMS 5662	696			Inconel 718 Stock, Block, Bar & Die Forgings
AMS 5589	697			Inconel 718 Tube
BMS 8-133	712			Flame Retardant, Rigid Urethane Foams
BMS 8-308	718			Peel Ply Mat'l. for Surface Prep. Composites
BAC 5532	723	COMP	7118/1 & /3	Polyimide Noise Attenuation Structures (QPL)
BAC 5056	727			Flame Sprayed Aluminum Coating (QPL)
	728	COMP	7118/1 & /3	
BAC 5317	728+F4 Limitation	COMP	7118/3	Fiber Reinforced Composite Parts (QPL)
BAC 5317-1	729	COMP	7118/1 & /3	Carbon/Aramid Reinf Composite 350F Cure (QPL)
BAC 5317-3	730	COMP	7118/1 & /3	High Temperature Resistant Epoxy Str. Parts (QPL)
BAC 5317-4	731	COMP	7118/1 & /3	Adv. Composite Honeycomb Sandwich Str. Parts (QPL)
BAC 5317-5	732	COMP	7118/1 & /3	Adv. Composite Structural Parts, 250F Cure (QPL)
D210-12062-1	733	COMP	7118/1 & /3	BHC Process Doc. for Adv. Comp. (QPL)
BAC 5317-2	734	COMP	7118/1 & /3	Low Temp Autoclave Cure Epoxy Structural (QPL)
BAC 5578	735	COMP	7118/1	Carbon Fiber Reinforced Adv. Composite (QPL)
BAC 5317-6	736	COMP	7118/1 & /3	Manufacture of Perforated Carbon Fiber Parts (QPL)
D210-12100-1	737	COMP	7118/1 & /3	Gen. Req. Adhesive Bond./Composite(BH only) (QPL)
BAC 5336	738			Fabrication of Resin Transfer Molded (RTM) (QPL)
				Advanced Composite Laminate and Honeycomb Sandwich Structural
BAC 5317-7	749	COMP	7118/1 & /3	Parts - 350 F (177 C) Cure Self-Adhesive Prepreg
				Manufacture of Carbon Fiber Reinforced Composite Structure by
BAC5657	750	COMP	7118/1	Automated Fiber Placement, +350 F cure Epoxy Systems
ASTM-E-1447	801	MTL	7101/1 & /2	Determination of Hyd. in Titanium
Mechanical Testing	802	MTL	7101/1 & /3	FED-STD-151 Mechanical Testing
Metallurgical	803	MTL	7101/1 & /4	Metallurgical Testing (Mettest)
D8-1059	805			Magnesium Castings - Destructive Exam.
BAC 5946	806	HT	7102	Temper Inspection of Non-ferrous alloys
ASTM-E-399	807	MTL	7101/1 & /3	Fracture Toughness Testing
BAC 5962	808			Qual/Cert Welders and Weld Operators
Chemical Testing	809	CP	7108/4	Process Solution Control
ASTM-B-117	810	CP	7108/4	Salt Spray Testing
MIL-STD-1595	811			Welder Qualification
AMS-STD-1595	811A			Welder Qualification
				Specification for Fusion Welding for Aerospace Applications for Welder
AWS D17.1	812			Qualification
BSS 7322	813			Ohio St Univ (OSU) Calorimeter Heat Release
BSS 7238	814			Test Method/Smoke Generation/Materials Comb.
ARP 1820	815			Chord Method for Microhardness Testing
BSS 7698	848			NDI Personnel Cert Lev III Magnetic
NAS 410	848A			NDI Personnel Cert Lev III Magnetic
MIL-STD-410	848B			NDI Personnel Cert Lev III Magnetic
BSS 7698	849			" Penetrant
NAS 410	849A			" Penetrant
MIL-STD-410	849B			" Penetrant
BSS 7698	850			" Radiographic
NAS 410	850A			" Radiographic
MIL-STD-410	850B			" Radiographic
BSS 7698	851			" Ultrasonic
NAS 410	851A			" Ultrasonic
MIL-STD-410	851B			" Ultrasonic
BSS 7698	852			" Eddy Current
NAS 410	852A			" Eddy Current
MIL-STD-410	852B			" Eddy Current
BMS 5-42	1000A			Structural Adhesive for Metal-to-Metal Assemblies - 350 F Cure
BMS 5-70	1000B			Structural Adhesives for Metal-to-Sandwich Assemblies FM-61 System
BMS 5-89	1000C			Corrosion Inhibiting Adhesive Primer
BMS 5-101	1000D			Structural Adhesives for 180 F Service Applications
BMS 5-137	1000E			Structural Adhesive for Acoustic Panels - 350 F Service
BMS 5-84	1001A			Polyimide Paste Adhesives
BMS 5-129	1001B			Structural Adhesives for Composite Application - 250 F Cure
BMS 5-154	1001C			Adhesive for Composite Bonding (350 F Cure)
				High Temperature Resistant Epoxy Adhesive Film Glass Fabric
BMS 8-145	1001D			Reinforced Plastic Sandwich Assemblies
BMS 8-193	1001E			Auxiliary Resins for use with Single State Interior Sandwich Panels
BMS 8-341	1001F			Surfacing Films for Composites
BMS 5-160	1001G			Adhesives for Primary Structure Composite Bonding
BMS 5-90	1002A			Foaming Adhesives
BMS 8-124	1010A			Nonmetallic Honeycomb Core

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

BMS 8-324	1010B			Syntactic Core
BMS 8-218	1020A			Aramid Fabrics Preimpregnated with Epoxy Resin (350 F Curing)
BMS 8-219	1020B			Aramid Fabrics Preimpregnated with Epoxy Resin (250 F Curing)
BMS 8-260	1020C			Aramid Fabrics, Epoxy Resin Impregnated, for Interior Sandwich Panels & Laminates
BMS 8-264	1020D			Aramid Fabrics Preimpregnated with Epoxy Resin for Vacuum Bag Process
BMS 8-168	1021A			Epoxy Preimpregnated Graphite Tapes and Woven Fabrics - 250F (121C) Cure
BMS 8-168	1021B			Epoxy Preimpregnated Carbon Fiber Tapes and Woven Fabrics - 350F (177C) Cure
BMS 8-258	1021D			Aramid Fabrics Preimpregnated with Epoxy Resin for Vacuum Bag Process
BMS 8-276	1021E			Advanced Composites - 350 F Cure Toughened - Epoxy Preimpregnated Carbon Fiber Tapes and Fabrics
BMS 8-256	1021C			Epoxy Preimpregnated Carbon Fiber Tapes and Woven Fabrics - 350 F (177 C Cure)
BMS 8-306	1022A			Bismaleimide Roving For Filament
BMS 8-274	1023A			Carbon Fiber/Phenolic Prepreg for Interior Sandwich Panels
BMS 8-79	1024A			Glass Preimpregnated Epoxy Resin Low Temperature Curing
BMS 8-132	1024B			Fire Resistant Epoxy Resin Preimpregnated Glass Fabrics for General Purpose Use
BMS 8-139	1024C			Glass Fabric Preimpregnated High-Temperature-Resistance Epoxy Resin
BMS 8-151	1024D			Epoxy Preimpregnated Glass Fabric for Interior Sandwich Panels and Laminates, and Electrical Isolation
BMS 8-154	1024E			High Strength Glass Fabric Preimpregnated, High Temperature Resistant, Epoxy Resin
BMS 8-278	1024F			Aluminum Coated Glass Fiber Cloth Epoxy Resin Preimpregnated
BMS 8-331	1024G			Advanced Composites - 350 F Cure Epoxy Preimpregnated Fiberglass Fabrics
BMS 8-222	1025A			Glass Fabric Preimpregnated With Modified Phenolic Resin for Crush Core Sandwich Panels
BMS 8-226	1025B			Modified Phenolic Preimpregnated Glass Fabric for Interior Sandwich Panel and Laminates
BMS 8-80	1026A			Fire Resistant, Polyester Resin Preimpregnated Glass Fabrics for General Purpose Use
BMS 8-144	1027A			Polyimide Resin Impregnated Structural Fiberglass Fabric
BMS 8-143	1029A			Nomex Paper and Glass Fabric, Resin Impregnated, for Interior Decorative Laminates
BMS 5-16	1030A			Two Part Hole Filling Compound
BMS 5-37	1030B			Coating Compound Electrical Insulating
BMS 5-93	1030C			Low Density Polyurethane Sealant
BMS 5-95	1030D			Pressure and Environmental Sealant - Chromate Type
BMS 5-142	1030E			Low Density Sealant
BMS 5-125	1030F			Compound, Self Leveling, for Fluid
BMS 5-145	1031B			Low Density Integral Fuel Tank Sealant
BMS 5-63	1032A			Firewall Sealant - Hydraulic Fluid Resistant
MPD2019	H101	HT	7102	Cold Treatment for Metals
STP0429	H131	HT	7102	HT Steel - Modified 410
STP0288	H141	HT	7102	HT Super Alloy
STP0205	H151	HT	7102	HT Titanium
1P00075	H152	HT	7102	Heat Treatment of Titanium Alloys
HBPS-27-003	H200	WLD	7110/5	Fusion Welding for Space Systems
STP0431	H201	WLD	7110/5	Fusion Welding - Modified 410 Steel
STP0610	H203	WLD	7110/5	Welding, Fusion Cast 6AL-4V Ti Alloy
STP0545	H205	WLD	7110/5	Orbital Tube Welding - Corrosion Resistant Steel & Nickel
HBPS-27-002	H205A	WLD	7110/5	Orbital Tube Welding, CRES, Titanium and Nickel Alloys
SPS07040	H210A	WLD	7110/5	Fusion Welding - Aluminum
STP0535	H210C	WLD	7110/5	Fusion Welding - Aluminum
STP0261	H214E	WLD	7110/5	Fusion Welding - Titanium
STP0238	H248A	WLD	7110/5	Electron Beam Welding
STP0458	H248B	WLD	7110/5	Electron Beam Welding
STP0599	H271			Welding, Friction Stir, Al Alloys
SPS03510	H304	CP	7108	Anodizing Aluminum
SPS03510.1	H304A	CP	7108	Color Anodize Aluminum
STP0613	H313	CP	7108	Anodic Coating, Lubricative for Al & Al Alloys
STP0096	H400B	NDT	7114/2	Magnetic Particle Inspection
SPS99008	H410A	NDT	7114/1	Penetrant Inspection

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

STP0203	H410B	NDT	7114/1	Penetrant Inspection
SPS99009	H421A	NDT	7114/4	Radiographic Inspection
STP0105	H421B	NDT	7114/4	Radiographic Inspection
STP0481	H421C	NDT	7114/4	Radiographic Inspection
HBPS-31-004	H421D	NDT	7114/4	Radiographic Inspection of Composites
STP0607	H422			Inspection Digital Radioscopy
STP0445	H423			Radiographic Inspection - Neutron
MSFC-STD-355	H426			Radiographic Inspection of Electronic Parts
NAS824	H430A	NDT	7114/3	Ultrasonic Inspection - Wrought Metals
STP0491	H430C	NDT	7114/3	Ultrasonic Inspection
STP0602	H433			Shearographic NDI
STP0603	H434	NDT	7114/3	Standard Practice for Ultrasonic Contact Examination of Weldments
STP0528	H440			Eddy Current Inspection / General
HBPS-31-007	H440A			Eddy Current Inspection
				Ultrasonic Inspection of Composite Laminates, Structures and
HBPS-31-002	H443	NDT	7114/3	Honeycomb Assemblies
HBPS-31-003	H444	NDT	7114/3	Sonic and Ultrasonic Resonance Inspection of Bonded Assemblies
STP0276	H500C	NMSE	7117	Peening - Glass Bead - Aluminum
STP0399	H500D			Peening - Induction - Braze Tube Ends
				Surface Treatment & Cleaning of Titanium-Metal & Scale Removal only
STP0176	H510			Cleanliness - Fuel & Oxidizer Systems
1P00071	H516A			NSTS Contam. Control Rqmts-Precision Particulate Levels only
SN-C-0005C	H516B			Cleanliness - Spacecraft
STP0350	H516C			Precision Cleaning and In-Process Packaging for ISS PG3
D683-10450-1	H516D			Cleanliness Requirements, Space Vehicle
STP0407	H516E			Cleanliness - Hydraulic Fluid
1P00068	H517A			Cleanliness - Hydraulic System Fluid Testing
1P00070	H517B			7475 Aluminum Superplastic Forming
STP0605	H581A			2195 Al-Lithium Alloy Sheet, Superplastic forming of
STP0612	H581B			Rolled Threads - External
STP0510	H590			Adhesive Bonding - Multicomponent Structural
1P00095	H701	COMP	7118/2	Adhesive Bonding - Structural
1P00097	H702	COMP	7118/2	Adhesive Bonding
STP0536	H703	COMP	7118/2	Adhesive Bonding
STP0584	H711	COMP	7118/1 & /3	Laminate & Sandwich Constructions, Composite, Fabrication of
DPS5.00-1LO	L101A	HT	7102	HT Steel (< 260 KSI) - Does NOT apply when referenced to DPS9.74
DPS5.00-1HI	L101B	HT	7102	HT Steel (> 260 KSI) - Does NOT apply when referenced to DPS9.74
				HT Steel - Precipitation Hardenable - Does NOT apply when referenced to
DPS5.00-2	L101C	HT	7102	DPS9.74
DPS5.00-7	L101D	HT	7102	HT Steel - Stainless Strain Hardenable
DPS5.00-11	L101E	HT	7102	HT Steel - Martensitic Stainless
DPS5.00-12LO	L101F	HT	7102	HT Steel - Vacuum (< 220 KSI)
DPS5.00-12HI	L101G	HT	7102	HT Steel - Vacuum (> 220 KSI)
DPS7.00-1	L111A	HT	7102	HT Aluminum - Wrought Materials
DPS7.00-5	L111B	HT	7102	HT Aluminum - Rivets
DPS7.00-6	L111C	HT	7102	HT Aluminum - Local OverAging 7075-T73
DPS5.08	L121	HT	7102	HT Beryllium Copper
DPS6.30	L141	HT	7102	HT Super Alloy
DPS6.33	L151	HT	7102	HT Titanium
DPS5.00-4	L161	HT	7102	Case Hardening - Carburizing
DPS5.00-5	L165	HT	7102	Case Hardening - Induction
DPS5.00-3	L171	HT	7102	Case Hardening - Nitriding
DPS10.352	L203	WLD	7110/5	Fusion Weld Repair - Casting
DPS10.301	L204	WLD	7110/5	Fusion Weld
DPS10.322	L205	WLD	7110/5	Orbital Tube Welding
DPS10.800	L220	WLD	7110/4	Resistance Welding - Spot & Seam
DPS10.600	L240	WLD	7110/2	Flash Welding - Steel
DPS10.603	L241	WLD	7110/2	Flash Welding - Rings
DPS10.607	L242	WLD	7110/2	Resistance Flash Welding - Aluminum
DPS10.340	L248	WLD	7110/3	Electron Beam Welding
DPS10.902	L251	WLD	7110/1	Brazing - Steel / Nickel / Copper - Torch, Induction
DPS10.902	L251A	HT	7102/1	Brazing - Steel / Nickel / Copper - Furnace
DPS10.901	L253	WLD	7110/1	Brazing - Aluminum - Torch
DPS10.901	L253A	HT	7102/1	Brazing - Aluminum - Dip
DPS10.914	L254	WLD	7110/1	Brazing - Tube Joints - Automatic
DPS10.914-1	L254A	WLD	7110/1	Brazing - High Stregnth Tube Joints - Automatic
DPS10.914-2	L254B	WLD	7110/1	Brazing - Flex Titanium Tube Joints - Automatic
DPS10.914-3	L254C	WLD		Brazing - Tube - RF Induction Gage Measurements
DPS10.914-4	L254D	WLD	7110/1	Brazing - Titanium Tube Joints - Automatic
DPS10.917	L255	HT		Brazing - Honeycomb Assemblies
DPS10.917-1	L255A	HT		Vacuum Brazing - Inconel 625 Honeycomb Assemblies



D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

DPS10.500	L260				Pressure Gas Welding - Low Alloy Steel Tubular Assy
DPS10.351	L270				Soot Removal and Plug Welding
DPS10.609	L271	WLD	7110/7		Inertia Welding
DPS10.608	L272	WLD	7110/9		Percussion Welding - Stud
DPS9.22	L280				IVD Aluminum
DPS9.83	L282A				Metallizing
DPS9.96	L282B				Fused Hard Surfacing
DPS9.85	L283A				Plasma Arc Spraying
DPS9.95	L283B				Plasma Arc Spraying - Columbium Alloys
DPS9.98	L283C				Detonation Gun Deposited Coating
DPS9.99	L283D				High Velocity Oxyfuel (HVOF) Deposited Coatings
DPS11.01	L304	CP	7108		Chromic Acid Anodizing
DPS11.01-2	L304A	CP	7108/3		Chromic Acid Anodizing - Metal Adhesive Bonding
DPS11.01-3	L304B	CP	7108		Chromic Acid Anodizing - Chromate Sealed
DPS11.05	L306	CP	7108		Sulfuric Acid Anodizing
DPS11.05-1	L306A	CP	7108		Sulfuric Acid Anodizing - Controlled Thickness
DPS11.05-2	L306B	CP	7108		Sulfuric Acid Anodizing - Thin Film
DPS11.04	L308	CP	7108		Hard Anodizing - Aluminum
DPS11.06	L313	CP	7108		Color Anodizing
DPS9.45	L322	CP	7108		Coating-Colorless Chemical Surface Treatment of Aluminum Alloys (Immersion Application Only)
DPS9.45	L325	CP	7108		Coating-Multicolored Chemical Surface Treatment of Aluminum Alloys (Immersion Application Only)
DPS9.28	L341	CP	7108		Cadmium Plating - High Strength Steel
DPS9.28-1	L341A	CP	7108		Cadmium Plating - High Strength Steel - Post Chromate Treatment
DPS9.89	L347	CP	7108		Brush Plating
DPS9.71	L351	CP	7108		Chromium Plating
DPS9.84	L354	CP	7108		Chromium Plating - Thin Dense
DPS9.69	L356	CP	7108		Copper Plating
DPS9.76-1	L363	CP	7108		Nickel Plating - Sulfamate
DPS9.67	L364	CP	7108		Electroless Nickel Plating
DPS9.86	L368	CP	7108		Tin Plating
DPS4.50-127	L392A	CP	7108/1		Fuel Tank Coating (Manual touch-up excluded from requiring approval)
DPS4.704	L400	NDT	7114/2		Magnetic Particle Inspection
DPS4.707	L410	NDT	7114/1		Penetrant Inspection
DPS4.736	L421	NDT	7114/4		Radiographic Inspection
DPS4.706	L424	NDT	7114/4		Radiographic Inspection - Castings
DPS4.738-3	L425	NDT	7114/4		Radiographic Inspection - Composite Structures
DPS4.713	L430	NDT	7114/3		Ultrasonic Inspection - Wrought Metals
DPS4.713-3	L430A				Ultrasonic Detection - Titanium Hydride
DPS4.738-2	L430B	NDT	7114/3		Ultrasonic Inspection - Composite Structures
DPS4.745-2	L430C	NDT	7114/3		Ultrasonic Inspection - Metal Bonded Sandwich
DPS4.746	L430D				Ultrasonic Inspection - Brazed Honeycomb
DPS4.715	L441	CP			Etch Inspection - Machined / Ground Steel
DPS4.999	L500	NMSE	7117		Shot Peening - Metal Parts
DPS3.694	L501A	NMSE	7117		Peen Forming - Aluminum
DPS3.695	L501B	NMSE	7117		Peen Forming - Honeycomb
DPS9.483	L530	CP	7108		Chemical Milling - Titanium
DPS9.484	L531	CP	7108		Chemical Milling - Corrosion Resistant Steel
DPS9.481	L532	CP	7108		Chemical Milling - Aluminum
DPS9.485	L534	CP	7108		Chemical Milling - Nickel
DPS9.482	L537	CP	7108		Chemical Milling Requirements - Low Alloy Steels
DPS11.08	L542	CP	7108/3		Phosphoric Acid Anodizing
DPS4.601	L570				Metal Grinding
DPS3.67-23	L571				Ring Coining - Holes & Slots
DPS3.67-24	L572				Edge Coining
DPS3.67-56	L573				Stress Coining Holes - Expansion Pin
DPS3.67-57	L574				Stress Coining Holes & Slots - Pad & Radius
DPS10.921	L580				Forming - Superplastic Titanium
DPS10.922	L581				Forming - Superplastic Aluminum
DPS10.920	L583				Forming - Superplastic / Diffusion Bonding
DPS4.505	L584				Fabrication - Controlled Deformation
DPS4.546	L585				Diffusion Bonding - Titanium Honeycomb
DPS4.804	L586				Fabrication - High Strength Low Alloy Steel
DPS4.712	L587				Shear Pin Control
DPS4.813	L588				Fabrication - Narrow Strength Range Parts
DPS4.814	L589				Close Tolerance Strength Control
DPS4.507	L590				Fillet & Thread Rolling - General
DPS4.507-1	L591				Fillet & Thread Rolling - Titanium
DPS4.507-5	L592				Fillet & Thread Rolling - Steel

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

DPS4.507-6	L593			Fillet & Thread Rolling - Cobalt
DPS4.507-8	L594			Fillet & Thread Rolling - Nickel
DPS4.519	L595			Roll Forming - Aluminum
DPS1.950	L701	COMP	7118/2	Adhesive Bonding - Metal / Metal
DPS1.960	L702	COMP	7118/1	Adhesive Bonding - Composite Structure
DPS1.964	L703	COMP	7118/1	Structural Bonding - Elevated & Cryogenic Temperatures
DPS1.967	L704	COMP	7118/2 & /3	Adhesive Bonding - Composite Assys (DC-9/80)
DPS1.99	L705	COMP	7118/2	Adhesive Bonding - Metal Face Assys
DPS1.624	L706	COMP	7118/1	Autoclave Processing of Carbon Epoxy
DPS1.650	L707	COMP	7118/1	Laminate Fabrication - Aramid Fiber Base / Plastic
DPS1.650-1	L708	COMP	7118/1	Laminate Fabrication - Composite Assys (DC-9/80)
DPS1.660	L709	COMP	7118/1 & /3	Laminate Fabrication - Composite Assys - Syntactic Core MD-80
DPS1.670-1	L710	COMP	7118/1	Laminate Fabrication - PMR-15 Polyimide/Carbon
DPS1.670-2	L711	COMP	7118/1	Laminate Fabrication - Bismaleimide/Carbon
DPS1.670-3	L712	COMP	7118/1	Laminate Fabrication - Reinforced Bismaleimide
HP1-1	M101A	HT	7102	HT Steel
HP1-9	M101B			HT Steel - Hydrogen Embrittlement Relief
HP18-10	M101E	HT	7102	HT Steel - 4340
HP1-2	M111A	HT	7102	HT Aluminum
HP1-3	M121	HT	7102	HT Beryllium Copper
HP1-18	M151	HT	7102	HT Titanium
HP2-2	M161	HT	7102	Carburizing - Steel
HP2-11	M161A	HT	7102	Carburizing - Steel Transmission Gears
HP2-4	M165	HT	7102	Induction Hardening - Steel
HP2-3	M171	HT	7102	Nitriding - Steel
HP2-9	M171A	HT	7102	Nitriding - Steel (AH-64A Only)
HP1-20	M181	HT	7102	HT Magnesium
HP11-21	M203A	WLD	7110/5	Fusion Weld Repair - Aluminum & Magnesium Castings
HP11-22	M203B	WLD	7110/5	Fusion Weld Repair - Steel Castings
HP11-27	M203C	WLD	7110/5	Fusion Weld Repair - Titanium Castings
HP11-28	M203D	WLD	7110/5	Fusion Weld Repair - Copper Castings
HP11-1	M204	WLD	7110/5	Fusion Welding
HP11-3	M220	WLD	7110/4	Welding - Spot / Seam / Projection
HP11-8	M248	WLD	7110/3	Electron Beam Welding
HP11-14	M250	HT		Furnace Brazing - Copper & Nickel
HP11-13	M251A	WLD		Brazing - Silver
HP11-17	M251B	HT		Furnace Brazing - Silver
HP11-23	M253	WLD		Dip Brazing - Aluminum
HP11-16	M255	WLD	7110/1	Induction Brazing
HP11-25	M271	WLD	7110/7	Inertia Welding - Metals
HP4-22	M281			Metallic Coating - Vacuum Deposited
HP2-8	M283A			Coating - Metallic - Wear Resistant
HP4-66	M283B			Coating - Metallic - Fretting Resistant
HP4-2	M304	CP	7108	Anodizing - Aluminum
HP4-35	M305	CP	7108	Anodizing Aluminum - Metal to Metal Bonding
HP4-124	M307	CP	7108	Anodizing - Titanium
HP4-79	M308	CP	7108	Anodizing Aluminum - Wear Resistance
HP4-134	M312	CP	7108	Hard Anodizing - Magnesium
HP4-68	M319	CP	7108	Flouorocarbon Impregnation - Inorganic Coatings
HP4-9	M324	CP	7108	Corrosion Protection - Magnesium
HP4-57	M325	CP	7108	Chemical Film - Aluminum (Immersion Application Only)
HP4-7	M332A	CP	7108	Manganese & Zinc Phosphate Coatings for Ferrous Metals
HP4-17	M335	CP	7108	Silver Plating
HP4-11	M341	CP	7108	Cadmium Plating
HP4-125	M344	CP	7108	Cadmium - Titanium Plating
HP4-113	M347	CP	7108	Brush Plating
HP4-12	M349	CP	7108	Zinc Plating
HP4-13	M351	CP	7108	Chromium Plating
HP4-62	M356	CP	7108	Copper Plating
HP4-18	M357	CP	7108	Gold Plating
HP4-60	M361	CP	7108	Nickel Electrodeposited
HP4-10	M364	CP	7108	Electroless Nickel Plating
HP4-90	M365	CP	7108	Electroless Nickel / PTFE Plating
HP4-14	M368	CP	7108	Tin Plating
HP4-50	M384	CP	7108	Chemical Blackening - Ferrous Metals
HP6-5	M400	NDT	7114/2	Magnetic Particle Inspection
HP6-13	M410A	NDT	7114/1	Penetrant Inspection - Fluorescent
HP6-18	M424	NDT	7114/4	Radiographic Inspection
HP6-47	M425	NDT	7114/4	Radiographic Inspection - Composite Structures
HP6-22	M430	NDT	7114/3	Ultrasonic Inspection - Metals
HP6-53	M440			Eddy Current Inspection

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

HP30-4	M441	CP		Etching For Detection Of Grinding Burns
HP6-46	M444	NDT	7114/3	Ultrasonic Inspection - Composites
HP6-48	M466	NDT	7114/3	Resonance Inspection - Composite Structures
HP4-36	M500	NMSE	7117	Shot & Glass Bead Peening Metal Parts
HP9-24	M512C	NDT	7108/2	Cleaning of Aluminum for Penetrant Inspection
HP18-4	M531	CP	7108	Chemical Milling
HP18-19	M580			Forming - Superplastic Titanium
HP4-49	M701	CP	7108/3	Adhesive Bonding - Nickel / Stainless Steel
HP4-100	M702	CP	7108/3	Adhesive Primer Control
HP4-120	M703A	CP	7108/3	Bonding Preparation - Titanium
HP4-121	M703B	COMP	7118/2	Bonding Preparation - AM 355 Stainless Steel
HP9-20	M703C	CP	7108/3	Bonding Preparation - Tungsten
HP9-26	M703D	COMP	7118/2	Bonding Preparation - Stainless Steel
HP15-96	M707	COMP	7118/1 & /3	Bonding - Honeycomb Nonmetallic Core
HP16-21	M708	COMP	7118/2	Structural Bonding - Metal / Metal
HP16-30	M710	COMP	7118/2 & /3	Structural Bonding - High Strength - Metals & Nonmetallics
HP18-14	M713	COMP	7118/1	Structural Bonding - Syntactic Foam
HP18-15	M714	COMP	7118/1	Fabrication - Core - Closed Cell Rigid Polyvinyl Foams
HP15-42	M716	COMP	7118/1	Laminate Fabrication - Reinforced Composites
HP15-90	M718	COMP	7118/1	Composite Fabrication - Autoclave / Pressure Cure
HP18-11	M920			Electrochemical Machining
HP18-12	M922			Low Stress Grinding - High Strength Steel (270 - 305 KSI)
HP4-119	M923			Hydro Honing
RA0111-015	N101A	HT	7102	Heat Treatment of Carbon and Alloy Steels
RA0111-026	N101B	HT	7102	Carburizing and HT of AISI 9310 & 9315 Alloy Steel Gears & Splined Parts
RA1111-010	N101C	HT	7102	Heat Treatment of Carbon and Alloy Steels-SMPP Rqd
RA1111-015	N101D			Prevention & Elimination of Hydrogen Embrittlement in Steel
RA0111-010	N111A	HT	7102	Heat Treatment of Aluminum Alloys
RA0111-022	N111B	HT	7102	Heat Treatment of Aluminum Alloy Tanks
RA0111-025	N111C	HT	7102	Heat Treatment of 7075 Aluminum Alloys to T-73 Temper
RA1111-014	N111F	HT	7102	Heat Treatment of 7075 Aluminum Alloy to T-73 Temper-SMPP Rqd
RL00372	N111G			Hot Isostatic Pressing of Tens-50 Al Alloy Castings-SMPP Rqd
RA0111-007	N121	HT	7102	Copper Braze and Heat Treat 4130 Stl. Injector
ST0111GA0005	N121A	HT	7102	Heat Treatment of Copper & Copper Alloys
RA1611-001	N121B	HT	7102	Heat Treatment of Narloy Z-SMPP Rqd
RA1611-006	N121C			Hot Isostatic Pressing of Hi Temp Alloy Castings-SMPP Rqd
PR5-24	N131A	HT	7102	Heat Treatment of 4340 Steel Parts to 260-280.00 PSI Tensile Strength
PR605-14	N131B	HT	7102	Heat Treatment of 440C for Low Temperature Service
RA0111-017	N131D	HT	7102	Heat Treatment of Hardenable Stainless Steels
RA0111-018	N131E	HT	7102	Heat Treatment of Non-Hardenable Heat and Corrosion Resistant Alloys
RA1111-001	N131F	HT	7102	430 & 430F Corrosion Resistant Steel for Solenoids - HT of-SMPP Rqd
RA1111-002	N131G	HT	7102	440C Corrosion Resistant Steel for Cryogenic Service, HT of
RA0111-012	N131H	HT	7102	Heat Treatment of 17-7 Ph Pressure Tanks for JP Fuel
RA0111-016	N131J	HT	7102	Heat Treatment of Precipitation Hardenable Stainless Steel
RA0111-008	N141A	HT	7102	Heat Treatment of Ni-Span Constant Modulus Alloy
RA0111-019	N141D	HT	7102	Heat Treatment of Iron and Nickel Base Age Hardenable Alloys
RA0611-020	N141E	HT	7102	SSME Iron & Nickel Base Age Hardenable Alloys, HT of
RA0611-021	N141F	HT	7102	Heat Treatment of Elgiloy
RA1611-002	N143	HT	7102	Thermal Processing of SSME Bellows Assemblies & Detail Parts-SMPP Rqd
RA1611-005	N144	HT	7102	Heat Treat of SSME Turbomachinery Bearings-SMPP Rqd
RA1611-007	N145			Hot Isostatic Pressing of Single Crystal Superalloy Castings-SMPP Rqd
RL00368	N145B			Hot Isostatic Pressing Alloy Castings-SMPP Rqd
RA1611-008	N146			High Pressure Fuel Turbine Blades, Stress Relieving of-SMPP Rqd
RA0111-020	N148	HT	7102	Annealing of Thrust Chamber Tubes
RA0111-024	N151	HT	7102	Heat Treatment of Titanium and Titanium Alloys
PR605-11	N161	HT	7102	Carburizing Carbon and Low Alloy Steels
RA0111-003	N171	HT	7102	Nitriding, Case Hardening of Steel
RA0107-027	N200A	WLD	7110/5	Process and Quality Requirements for Fusion Welds
RA0607-102	N200B	WLD	7110/5	Process and Quality Requirements for Fusion Welds
RA1607-087	N200C	WLD	7110/5	Welding, Fusion, Process & Quality Requirements-Space Station Freedom
RL10011	N200D	WLD	7110/5	Fusion Welding Process and Quality Requirements for SSME-SMPP Rqd
RA1607-098	N200E	WLD	7110/5	Fusion Welding, Process & Quality Requirements for
RA0107-003	N202A	WLD	7110/5	Fusion Welding of Rocketdyne Components

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

RA0107-002	N203	WLD	7110/5	Welding Blades to Turbine Wheels
RA0107-026	N214A	WLD	7110/5	Fusion Welding of Titanium and Titanium Alloys
RA1607-021	N214B	WLD	7110/5	Fusion Welding of Titanium Alloys for SSME-SMPP Rqd
RA0607-092	N214D	WLD	7110/5	Fusion Welding for Titanium Alloys for SSME
RA1607-093	N214E	WLD	7110/5	Fusion Welding for KEW, SMPP Rqd
RA1607-094	N214F	WLD	7110/5	In Place Tube Welding, Titanium Alloy, for KEW, SMPP Rqd
RA1607-090	N216	WLD	7110/5	Standard Weld Repair Procedures-Space Station Electric Power System
RA0107-032	N220A	WLD	7110/4	Resistance Seam Welding of Rocket Engine Components
ST0107RA0046	N220E	WLD	7110/4	Resistance Welding, Spot and Seam Welding
RA1607-032	N220F	WLD	7110/4	Thermal Insulation Details, SSME Flight Nozzle, Resistance Spot Welding of-SMPP Rqd
RA0607-096	N222	WLD	7110/4	Resistance Welding of Nozzle Jacket Bellows on Nozzle Jacket Subassembly (P/N RS009150)
RA1607-067	N222B	WLD	7110/4	Multi-Ply Bellows, SSME Resistance Seam Fusing of-SMPP Rqd
RA1607-088	N236B	WLD	7110/5	Welding of Tubes, In-Place-Space Station Electric Power System
RA1607-019	N237A			Lamination Bonding & Ring Joining of SSME Main Injector Heat Shield, Requirements for-SMPP Rqd
RA1607-077	N248B	WLD	7110/3	Electron Beam Welding, ELV, Requirements for-SMPP Rqd
RA1607-079	N248C	WLD	7110/3	Electron Beam Welding, SSME Bellow Components Requirements for-SMPP Rqd
RA1607-089	N248D	WLD	7110/3	Welding, Electron Beam, Process and Quality Requirements-Space Station Freedom Electric Power System
RA0107-042	N248E	WLD	7110/3	Process and Quality Requirements for Electron Beam Welding
RA0107-048	N248F	WLD	7110/3	Electron Beam Welding Process & Quality Requirements for Rocketdne Advanced Programs
RA0607-094	N248G	WLD	7110/3	Electron Beam Welding-Process & Quality Requirements
RA0607-098	N248H	WLD	7110/3	Electron Beam Welding of SSME Components Subject to Shear Wave Ultrasonic Inspection
RA1607-071	N248J	WLD	7110/3	Requirements for Electron Beam Welding-SSME-SMPP Rqd
RA0107-008	N250	HT		Copper Furnace Brazing of Steel
RA0107-009	N251	WLD	7110/1	Silver Alloy Brazing - Torch, Induction
RA0107-009	N251A	HT	7102/1	Silver Alloy Brazing - Dip
RA0107-016	N252	WLD	7110/1	Hand Brazing of Nickel Tubular Wall Thrust Chambers
RA0107-004	N253	WLD	7110/1	Brazing of Aluminum - Torch, Induction
RA0107-004	N253A	HT	7102/1	Brazing of Aluminum - Furnace, Dip
RA1607-033	N253B	HT		Brazing of Aluminum Manifold Coolant Ring, Center Axicon Assembly, LS14-SMPP Rqd
RA1607-004	N255C	HT		Brazing SSME Preburner Injection Elements, Requirments for-SMPP Rqd
RA1607-007	N255E	HT		Brazing the SSME Preburner Injection Elements and Baffle Support Pins to the Interpopellant Plate and Faceplate, Requirements for-SMPP Rqd
RA1607-008	N255F	HT		Furnace Braze Requirements for the SSME Nozzle Mixer Assembly-SMPP Rqd
RA1607-009	N255G	HT		Augmented Spark Igniter, SSME Main Injector, Brazing Requirments for-SMPP Rqd
RA1607-010	N255H	HT		Brazing the SSME Preburner Baffle and ASI Insert the Preburner Injector-Requirements for-SMPP Rqd
RA1607-015	N255L	HT		General Requirements for Furnace Brazing-SMPP Rqd
RA1607-017	N255N	HT		Brazing the SSME Preburner Baffles to the Preburner Injector-Rqmts for-SMPP Rqd
RA1607-081	N255Q	HT		RS-27 and RS-56 8:1 Thrust Chamber, Brazing of-SMPP Rqd
RA1607-028	N255R	WLD	7110/1	Requirements for Induction Brazing SSME Main Injector High Performance Baffle Element Assembly-SMPP Rqd
RA1607-083	N255T			Thrust Chamber, 12:1, RS2701C, Furnace Brazing of-SMPP Rqd
RA0107-010	N255U	HT		Brazing, High Temperature (above 1500F)
RA1607-101	N255V	HT		Brazing of RS-68 Main Injector Lox Post Assy.
RA1607-102	N255W	HT		Brazing & HT RS-68 Main IPP/Lox Post Assy, Rqmts for
RA1607-103	N255X	HT		RS-68 Main Injector Baffle Assy, Brazing & HT of
RA0107-025	N256A	WLD	7110/1	Stainless Steel Thrust Chamber Tube Splice & Tube Plug Joint, Induction Brazing of
RA0607-038	N258	HT		Vernier Injectors, Dip Brazing of-SMPP Rqd
RA1607-013	N259J	HT		Processing of SSME Spark Igniters-SMPP Rqd
RA0607-097	N270A	WLD	7110/6	Laser Beam Welding Process & Quality Requirements
RA1107-007	N270B	WLD	7110/6	Laser Beam Welding
RA1603-007	N270D			Laser Beam Cutting for ELV Programs, Process & Quality Requirements for-SMPP Rqd
RA1607-044	N271	WLD	7110/7	Inertia Welding Haynes 188 Oxidizer Posts to SSME Main Injector Body-SMPP Rqd
PR2-10	N300A	CP	7108	Anodizing and Coloring of Aluminum Alloys

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

RA0109-021	N300B	CP	7108	Chromic Acid and Sulfuric Acid Anodizing of Aluminum Alloys-SMPP Rqd
RA1609-074	N300C	CP	7108	Anodic coatings, Colored, for Aluminum Alloys-Electrical Power System, International Space Station
RA1609-003	N300D	CP	7108	Anodic Coatings, for Aluminum and Aluminum Alloys-SMPP Rqd
RA0609-003	N304	CP	7108	Chromic Acid Anodic Coatings for Aluminum Alloys
RA1609-063	N306A	CP	7108	Anodizing, Sulfuric Acid, Electrolytic, Two-Step Space Station Electrical Power System
RA1609-065	N306B	CP	7108	Anodizing, Sulfuric Acid, Aluminum, and Aluminum Alloys-Thermal Control Space Station Electrical Power System-SMPP Rqd
RA1609-059	N307	CP	7108	Anodizing, Duranodic Aluminum - Space Station Electrical, Power System
RA0109-010	N308	CP	7108	Hard Anodizing
RA1609-025	N316	CP	7108	Anodic Coating for Titanium Alloys-SMPP Rqd
RA1609-070	N319			Phosphoric Acid Anodizing for Bonding Application, KEW Program-SMPP Rqd
RA0109-031	N320	CP	7108	Application of Chemical Films to Aluminum-SMPP Rqd
RA0609-014	N325A	CP	7108	Burst Diaphragms on Assembled SSME Hardware, Application of Colored Chemical Film, Procedure for
RA1609-004	N325B	CP	7108	Chemical Conversion Coatings on Aluminum and Aluminum Alloys-SMPP Rqd (Immersion Application Only)
RA1609-018	N334	CP	7108	Electrodeposition of Structural Closures for SSME Thrust Chamber Liner, Main Combustion Chamber-Electroformed-SMPP Rqd
RA0109-009	N346	CP	7108	Electrodeposited Cadmium Plating
RA1109-001	N350A	CP	7108	Chromium Plating; Thin, Dense (Electrodeposited)
RA1609-002	N350B	CP	7108	Chromium Plating (Electrodeposited)-SMPP Rqd
RA1609-043	N350C	CP	7108	Titanium and Titanium Alloys, Chromium Plating, Electrodeposition-SMPP Rqd
RA0109-015	N351A	CP	7108	Hard Chromium Plating (Electrodeposited)
RA0109-016	N351B	CP	7108	Hard Chromium Plating Electrodeposited on Alumium
RA0109-017	N351C	CP	7108	Chromium Plating Thin Dense Electrodeposited
RA0109-028	N355A	CP	7108	Naflex Seals, Copper Plating of
RA1609-010	N355B	CP	7108	Copper Plating (Electrodeposited)-SMPP Rqd
RA1609-019	N355C	CP	7108	Electrodeposited Copper, Structural-SMPP Rqd
RA1609-072	N355D	CP	7108	Copper Plating (Electrodeposited), ELV Hardware, Application of-SMPP Rqd
RA0109-008	N356	CP	7108	Copper Plating, Electrodeposited
RA0109-005	N360	CP	7108	Nickel Plating - Ductile-SMPP Rqd
RA1109-011	N363A	CP	7108	Electroformed Nickel Parts-SMPP Rqd
RA1109-015	N363C	CP	7108	Electrodeposited Nickel-Cobalt, Structural-SMPP Rqd
RA1109-010	N363D	CP	7108	Electroless, Nickel Plating for Corrosion Protection and Brazing Applications-SMPP Rqd
RA1609-005	N363F	CP	7108	Nickel Plating (Electrodeposited)-SMPP Rqd
RA1609-007	N363G	CP	7108	Requirements for Coating Electroless Nickel-SMPP Rqd
RA1609-017	N363H	CP	7108	Electrodeposited Nickel, Structural-SMPP Rqd
RA1609-023	N363J	CP	7108	Electrodeposited Ductile Nickel on Thermally Insulated Components-SMPP Rqd
RA1609-027	N363K	CP	7108	Jacket-Nozzle Contour-Ductile Nickel Plating of-SMPP Rqd
RA1609-058	N363M			MCC Outlet Elbow, Electrodeposited Nickel Reinforcement-SMPP Rqd
RA0109-006	N364A	CP	7108	Electroless Nickel Plating
RA1109-005	N364C	CP	7108	Ductile Nickel Plating (Electrodeposited) for Brazing Applications-SMPP Rqd
RA1109-006	N364D	CP	7108	Ductile Nickel Plating (Electrodeposited), for Brazing Applications, on A-286 Thin Wall Thrust Chamber Tubing-SMPP Rqd
RA0609-006	N364E	CP	7108	Injector, Post Heat Treat Processing and Electroless Nickel Plating, Procedure for
RA1109-002	N366	CP	7108	Electrodeposited Copper for High Pressure Hydrogen Environment
RA0109-024	N369	CP	7108	Tin-Lead Plating Electrodeposited
RA0109-007	N370A	CP	7108	Gold Plating, Electrodeposited
RA0109-025	N370B	CP	7108	Plating, Gold, Electrodeposited on Copper, Copper Alloy for Brazing
RA1109-007	N370C	CP	7108	Electrodeposited Gold Plating on Copper and Copper Alloys for Brazing or Welding Applications-SMPP Rqd
RA1109-009	N370D	CP	7108	Electrodeposited Gold for High Pressure Hydrogen Environment-SMPP Rqd
RA1609-006	N370E	CP	7108	Gold Plating Electrodeposited-SMPP Rqd
RA1609-026	N370F	CP	7108	Main Combustion Chamber-High Frequency Transducer Pressure Port-Gold Plating of-SMPP Rqd
RA1609-020	N370G	CP	7108	Pressure Assisted Seals - Gold Plating of-SMPP Rqd
MIL-G-45204	N371	CP	7108	Gold Plating-Electrodeposited (DIV N, P, R ONLY)

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

ASTM-B-488	N371A	CP	7108	Electrodeposited Coatings of Gold for Engineering Uses (DIV N P R ONLY)
MIL-STD-865	N372	CP	7108	Selective (Brush Plating) Electrodeposition (DIV N, P, R)
RA0109-022	N373	CP	7108	Pressure Assisted Seals, Silver & Rhodium Plating of
RA0109-023	N374A	CP	7108	Silver Plating (Electrodeposited)-SMPP Rqd
RA1609-011	N374B	CP	7108	Silver Plating, Electrodeposited, General Requirements for-SMPP Rqd
RA0109-014	N378	CP	7108	Electroplating, Stylus Type
RA0109-018	N380A			Plasma Spraying of Metal Base Coat
RA0109-019	N380B			Plasma Coating of Ceramic Oxides
RA0109-020	N380C			Plasma Coating of Ceramic Metal Composites
RA1609-038	N380D			Plasma Spray Coating for SSME Turbopump Blades-SMPP Rqd
RA1109-017	N380E			Plasma Spray (Ni Base-16.5 Cr-5.5 Al-0.55Y) (Zirconium Oxide, Ytria Stablized)-SMPP Rqd
RA1109-018	N381		7108	Process for Applying Silicide Coating to Niobium Alloys (SMPP Req'd)
RA1609-049	N382B			Hardfacing of SSME Valve Seats and Poppets by Plasma Spraying of Metal Powders-SMPP Rqd
RA1609-024	N382C			Plasma Spraying Pretreatment for Electroplating on Titanium Alloys-SMPP Rqd
RA0109-002	N383	CP	7108	Phosphate Treatment
RA0112-003	N390A	CP	7108/2	Lubricant, Dry Film, Phosphoric Acid Bonded, Application of
RA0112-006	N390B	CP	7108/3	Lubricant, Dry Film, Resin Bonded, Application of
RA1609-040	N390C	CP	7108/1	Lubricant, Dry Film, Inorganic Bonded for SSME Bearing Races, App. of-SMPP Rqd
RA1612-009	N390E	CP	7108/1	Lubricant, Dry Film, Phosphoric Acid Bonded, Application of - for Non-Fuel and Non-Lox Use
RA1112-005	N390G	CP	7108/1	Lubricant, Dry Film, Sodium Silicate Bonded, Application of-SMPP Rqd
RA1112-006	N390H	CP	7108/1	Lubricant, Solid Film, for High Temperature Alloys, Application of-SMPP Rqd
NA0112-008	N390J	CP	7108/1	Lubricant Dry Film Sodium Silicate Bonded Application of
RA0106-018	N396A			Bonding of Fep Teflon to Various Metals Substrates
RA0108-005	N396B			Polytetrafluoroethylene Resin Dispersion Coating, SMPP Required
RA0108-008	N396C			Dispersion Coating of Ferrous Alloys with Perfluoroethylenepropylene Copolymer Resin
RA0108-010	N396E			Hybrid Polytetrafluoro.-Perfluoro. Propylene-Copolymer Resin Coating for Naflex Seal-SMPP Rqd
RA1608-004	N396G			Polytetrafluoroethylene Resin Dispersion Coating
RA1608-011	N396H			Fluorinated Ethylene Propylene Coating of SSME Bearing Separators-SMPP Rqd
RA1106-003	N396I			Urethane Sealant, Application of-SMPP Rqd
RA1608-001	N396J			Resin Dispersion Coating-SMPP Rqd
RA1607-002	N396K			Liquid Interface Bonding of Narloy-A for the SSME Main Injector Baffle Element-SMPP Rqd
RA1108-003	N396L			Ethylene Propylene Coating of Bearing Separators-SMPP Rqd
RA0106-033	N396M			Molding & Vulcanization Bonding of Nitrile Rubber to Metal for Molded In-Place Seals
RA1609-060	N397B			Application of Coating, Thermal Control, Inorganic, White-SMPP Rqd
RA1609-001	N397E	CP	7108	Pressure Assisted Seals - Silver & Rhodium, Plating of-SMPP Rqd
RA1109-003	N398	CP	7108	Rhodium Plating, Electrodeposited
RA1609-066	N398A			Fabrication of Columbium (Nb) Sleeves for Ceramic Thrust Chambers-SMPP Rqd
RA1609-061	N398B			Chemically Vapor Deposited Columbium (Nb) on THAAD Divert and ACS Thrust Chambers-SMPP Rqd
RA1109-004	N399			Silicide Coating of Refractory Metals-SMPP Rqd
RA0115-115	N400	NDT	7114/2	Magnetic Particle Inspection
RA0115-114	N410A	NDT	7114/1	Fluorescent Penetrant Inspection of Thrust Chamber Tubing
RA0115-116	N410B	NDT	7114/1	Penetrant Inspection
RA0115-006	N421	NDT	7114/4	Radiographic Inspection
RA1115-010	N422			Radioscopic Inspection (Real-Time Radiography)
ST0115RA0155	N423			Radiographic Inspection of Transistors, Diodes, Resistors, Capacitors Circuit
RA0115-127	N434A	NDT	7114/3	Ultrasonic Inspection of Fusion Welds
RA1115-001	N434B	NDT	7114/3	Ultrasonic Inspection of Electron Beam Welds-SMPP Rqd
RA0115-124	N435A	NDT	7114/3	Ultrasonic Inspection of Tubing
RA1615-025	N435B	NDT	7114/3	Ultrasonic Inspection of Single Tube Heat Exchanger-SMPP Rqd
RA0115-012	N438A	NDT	7114/3	General Requirements for Ultrasonic Inspection for Internal Discontinuities
RA0115-125	N438B	NDT	7114/3	Immersed Ultrasonic Inspection by C-Scan Facsimile Recording
RA1615-032	N445A			Bearing Balls, Eddy Current Inspection of-SMPP Rqd

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

RA1615-034	N445B			Bearing Races, Eddy Current Inspection-SMPP Rqd
RA0115-105	N460			General Requirements for Leak Testing with a Helium Mass Spectrometer Leak Detector
RA0615-038	N461			Liquid Penetrant Leak Testing
RA1615-026	N470			Diodes, Rescreening and Acceptance of-SMPP Rqd
RA1118-001	N500A	NMSE	7117	Shot Peening of Metallic Materials
RA1618-003	N500B	NMSE	7117	Turbine Blades, SSME, Shot Peening and Mass Finishing of-SMPP Rqd
RA0618-002	N507	NMSE	7117	Shot Peening of Carburized and Hardened Alloy Steel Gears
RA1103-010	N509			Electrodeposited Metal Coatings, Stripping of-SMPP Rqd
RA0110-029	N513			Ultrasonic Cleaning-SMPP Rqd
RA0110-004	N516A			Cleaning & Handling Parts for Propellant, Pneumatic & Hydraulic Service-SMPP Rqd
RA0110-015	N516B			Cleaning of Components & Parts Used in Storable Propellants
RA0110-016	N516C			Cleaning, Control & Inspection Procedure Rqmts for Rocket Engine Hydraulic Fluids-SMPP Rqd
RA0110-019	N516D			Cleaning Requirements for Supplier Designed Parts-SMPP Rqd
RA0110-028	N516E			Wire Mesh Filter Elements, Cleaning, Inspecting and Packaging of-SMPP Rqd
RA1110-011	N516H			Product Cleanliness, Requirements for-SMPP Rqd
RA1110-014	N516J			Aqueous Precision Cleaning-SMPP Rqd
RA1110-015	N516K			Precision Cleaning of Hardware by Flushing-SMPP Rqd
RA1110-016	N516L			General Precision Cleaning-SMPP Rqd
RA1609-014	N516M			Cleaning Methods and Pretreatment of Ferrous Surfaces for Organic
RA1610-002	N516N			Cleaning Propellant and Pneumatic Flexible Joint Assemblies for SSME
RA1610-003	N516P			Cleaning Element Assy. for SSME Injector-SMPP Rqd
RA1610-004	N516Q			Cleaning Propellant and Pneumatic Flexible Duct Assemblies for SSME-
RA1610-005	N516R			Cleaning Injector Assemblies for SSME
RA1610-006	N516S			Final Cleaning-Thrust Chamber Body Assemblies for SSME-SMPP Rqd
RA1610-009	N516T			Cleaning Propellant and Pneumatic Valve and Line Assemblies for SSME
RA1610-011	N516U			Cleaning SSME Parts Having Internal Passages
RA1610-013	N516W			Cleaning the SSME Hot Gas Manifold-SMPP Rqd
RA1610-014	N516X			Cleanliness Rqmts. for RS29 Quad Check Valve-SMPP Rqd
RA1610-016	N516Y			Cleaning the SSME Powerhead-SMPP Rqd
RA1610-067	N516Z			Product Cleanliness Requirements for Laser Programs-SMPP Required
RA0110-046	N517A			Cleaning of Copper and Copper Alloys
RA1610-043	N517F	CP	7108	Chemical Removal of Dry Film Lubricants-SMPP Rqd
RA1610-051	N517G			Turbopump Bearings, SSME, Cleaning, Passivation, and Cleanliness Requirements for-SMPP Rqd
RA1610-064	N517H			Determination of Cleanliness of SSME Components, Methods for-SMPP Rqd
RA0110-049	N517I			Verification, Solid Particle & Nonvolatile Residue Determination-SMPP
RA1610-068	N517J			Cleanliness of Linear Aerospike Engines, Specification for-SMPP Rqd
RL10001	N517K			Cleanliness of Components for Use in Oxygen, Fuel, and Pneumatic Systems-SMPP Rqd
RL10006	N517L			Fabrication of Welded Electronic Modules-Standard for
RL10012	N517M			Cleaning, Testing, and Handling Hydraulic System Detailed Parts, Components, Assemblies and Hydraulic Fluids for Space Vehicles-SMPP Rqd
RA1610-070	N517N			Cleanliness of EELV Engines Specification for-SMPP Rqd
RA1110-018	N517P			Processing of Hydrogen Peroxide Sys Components-SMPP Rqd
RA0110-032	N517R			Solid Particle and Nonvolatile Residue Contamination, Methods of Measurement-SMPP Required
RA1610-071	N517S			Cleaning, Control and Inspection Procedure Requirements for Rocket Engine Hydraulic Fluids-SMPP Req
RA0110-047	N518			Cleaning Titanium & Titanium Alloys-SMPP Rqd
RA0113-006	N519A			Soldering and Tinning of Electrical and Electronic Circuits
RA1607-057	N519B			Soldering Electronic Connectors, Requirements for-SMPP Rqd
RA1607-023	N519C			Filter, Spark Igniter, Oven Soldering-SMPP Rqd
RA0106-002	N519D			Electrical Connectors, Potting with Rigid Epoxy Compound
RF0003-001	N519F			Electrical Connections, Soldered, General Specification for-SMPP Rqd
RL10009	N519G			Requirements for Soldered Electrical Connections-SMPP Rqd
RA1606-001	N519H			SSME Welded Electronic Modules, Encapsulation of-SMPP Rqd

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

RA1606-009	N519I			Atlas Relay Box Printed Wiring Board Connector Wiring Assemblies, Encapsulation of
RA1103-002	N530A	CP	7108	Chemical Milling of Titanium Alloys-SMPP Rqd
RA1103-001	N531	CP	7108	Ferrous Metals & Nickel and Cobalt Base Alloys, Chemical Milling of
RA1103-003	N539A	CP	7108	Etching of Machined Metal Surfaces for Penetrant Inspection-SMPP Rqd
RA1103-007	N539B	CP	7108	Etching Metal Bearing Surfaces-SMPP Rqd
RA1610-008	N539C	CP	7108	Chemical Etching ED Nickel After Innerstage Machining of SSME Thrust Chamber-SMPP Rqd
RA1610-059	N539E	CP	7108	Etching of Machined Metal Surfaces for Penetrant Inspection - Space Station Electric Power Systems
RA1606-002	N540			Bonding Close-out Covers to Insulated Rocket Engine Components Used in Liquid Hydrogen Service-SMPP Rqd
RA1606-013	N540A			Skim Temperature Sensor, Adhesive Bonding of-SMPP Rqd
RA1106-015	N540B			Cryogenic Composite-Bonded Insulation to Rocket Engine Components, Application of-SMPP Rqd
RA1106-016	N540C			Cryogenic Insulation to Rocket Engine Components, Application of-SMPP Rqd
RA1106-014	N540D			Application of Insulation to Rocket Engine Components Used in Liquid Hydrogen Service-SMPP Rqd
RA1106-011	N541			Room Temperature Curing Adhesive, Elevated Temperature, Appl. of
RA0607-095	N562A			Electric Discharge Machining of K-Monel Nickel Base Alloy
RA1103-008	N562B			Electrical Discharge Machining of Metals-SMPP Rqd
RA1103-006	N563			Laser Beam Cutting, Process & Quality Requirements
RA1603-001	N563A			Laser Beam Cutting for SSME, Process and Quality Requirements-SMPP Rqd
RA0210-077	N597A			Assembly and Loading of Gas Generator Igniter-SMPP Rqd
RA1602-009	N597B			Tubing, Seamless, Corrosion and Heat Resistant, Nickel Base Alloy (Alloy 718) With Integral End Fittings, Fabrication of-SMPP Rqd
RA1105-005	N703	COMP	7118/1	Application of Insulation to Small Diameter Lines-SMPP Rqd
RC5166	N816			Supplier Material Verification Requirements-SMPP Rqd
AA0111-009	P103	HT	7102	Annealing of Electrical Steels
AA0111-010	P104			Prevent & Eliminate Hydrogen Embrittlement in Steel
AA0111-024	P105	HT	7102	Heat Treatment of Magnetic Alloys
AA0111-022	P121	HT	7102	HT of Copper & Copper Alloys
AA0111-003	P122	HT	7102	Thermal Treatment of Beryllium
ST0111AA0018	P131A	HT	7102	Heat Treatment of Wrought, Non-Hardenable, Austenitic, Corrosion Resistant Steels (300 Series Alloys)
ST0111AA0019	P131B	HT	7102	Heat Treatment of Wrought, Hardenable, Martensitic Corrosion Resistant Steels (400 Series)
ST0111AA0020	P131C	HT	7102	Heat Treatment of Wrought, Precipitation Hardening (PH) Corrosion Resistant Steels
ST0111AA0021	P131D	HT	7102	Heat Treatment of Cast Corrosion Resistant Steels
AA0111-001	P141A	HT	7102	Heat Treatment of Nickel Based Alloys
AA0111-013	P141B	HT	7102	Thermal Processing of Selected Nickel & Iron Base Alloys for Maxidimension Stability
ST0107AA0069	P200	WLD	7110/5	Fusion Welding of Carbon & Low Alloy Steels
ST0107AA0068	P201A	WLD	7110/5	Fusion Welding of Nickel Base Alloys
ST0107AA0070	P201B	WLD	7110/5	Fusion Welding of Corrosion Resistant Steels
ST0107AA0065	P210	WLD	7110/5	Fusion Welding of Aluminum & Aluminum Alloys
ST0107AA0036	P216	WLD	7110/5	Fusion Welding of Specialty Materials
ST0107AA0052	P217	WLD	7110/5	Repair Welding of Steel Castings for Polaris & Poseidon Contracts
ST0107AA0053	P236	WLD	7110/4	Resistance Welding of Specialty Materials
ST0107AA0034	P248	WLD	7110/3	Process & Qual Rqmts for Electron Beam Welding
AA0107-073	P251	WLD	7110/1	Silver Alloy Brazing - Torch, Induction
AA0107-073	P251A	HT	7102/1	Silver Alloy Brazing - Furnace
AA0107-072	P253	WLD	7110/1	Brazing of Aluminum - Torch
AA0107-072	P253A	HT	7102/1	Brazing of Aluminum - Furnace, Dip
AA0109-056	P313	CP	7108	Anodizing of Aluminum Alloys for P106
AA0109-016	P320	CP	7108	Application of Chemical Films to Aluminum Alloys (Immersion Application Only)
AL71185	P380			Plasma Arc Spraying of High Atomic Number Inorganic Coating
ST0115AA0102	P400	NDT	7114/2	Magnetic Particle Inspection
ST0115AA0114	P410	NDT	7114/1	Penetrant Inspection, General Requirements for
ST0115AA0089	P420	NDT	7114/4	Radiographic Inspection
AA0110-025	P513			Ultrasonic Cleaning
AL70261	P515			Chassis-Missile Electronics & Computer Assy Drawing 16311-501 Coolant Holes & Plugs Cleaning Req for
ST0113AA0071	P754			Fabrication of Flexible Printed Wiring
ST0103AA0005	P944			Etching of Hot Pressed Beryllium
MA0111-306	R104			Hydrogen Embrittlement Elimination



D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

MA0111-301	R111	HT	7102	Heat Treat Aluminum Alloys SMPP Rqd
MA0111-307	R131	HT	7102	Heat Treat Corrosion Resistant PH Alloys SMPP Rqd
MA0111-303	R141	HT	7102	Heat Treat Ni & Cobalt Base Alloys SMPP Rqd
MA0111-304	R151	HT	7102	Heat Treat Ti & Ti Alloys SMPP Rqd
MSFC-SPEC-469	R152	HT	7102	Titanium & Ti Alloys, Heat Treatment of SMPP Rqd
MA0105-064	R190			Vacuum Bake, VCM Removal
MA0105-326	R191			Stress Relief Teflon
GA0111-002	R192	HT	7102	Surface Hardening Carbon & Alloy Steel
MA0111-017	R193	HT	7102	Surface Hardening Stainless Steel SMPP Rqd
MA0111-308	R194	HT	7102	Annealing Electrical Steels
MA0107-314	R203	WLD	7110/5	Fusion Weld GSE SMPP Rqd
MA0107-303	R210A	WLD	7110/5	Fusion Weld - Aluminum Alloys-Flight Hardware SMPP Rqd
MA0107-308	R214	WLD	7110/5	Fusion Weld-Ti.- Hard Chamber SMPP Rqd
				Fusion Welding of Corrosion Resistant Steels & Nickel Base Alloys SMPP Rqd
MA0107-307	R216	WLD	7110/5	Rqd
MA0107-305	R236	WLD	7110/9	Percussion Stud Weld SMPP Rqd
ES 5-37	R248A	WLD	7110/3	Electron Beam Welding
PRO-14	R248B	WLD	7110/3	Electron Beam Welding SMPP Rqd
MA0107-309	R251	WLD	7110/1	Silver Braze Ferrous & NonFerrous Alloys SMPP Rqd - Torch
MA0107-309	R251A	HT	7102/1	Silver Braze Ferrous & NonFerrous Alloys SMPP Rqd - Furnace
MA0107-312	R270			Soldered & Mounted Electrical Comp SMPP Rqd
MA0109-009	R301	CP	7108	Anodize
MA0109-309	R303	CP	7108	Low Gloss Anodize SMPP Rqd
MA0109-312	R364A	CP	7108	Electroless Ni & Tin to Steel SMPP Rqd
MA0108-311	R380			Appli. Hi Temp Emittance Coating SMPP Rqd
MA0109-301	R381	CP	7108	Applied Silicide Coating SMPP Rqd
MA0109-317	R382			Plasma Spray Deposition Chrom Oxi
MA0112-006	R390A	CP	7108/1	Dry Film Lube
MA0112-301	R390B	CP	7108/2	Applied Sil Bonded Dry Film Lube SMPP Rqd
MA0112-302	R390C	CP	7108/1	Applied Resin Bonded Dry Film Lube SMPP Rqd
MA0112-304	R390D			Plasma Sprayed Metal - Glass Fluoride SMPP Rqd
MIL-L-46010	R390E	CP	7108/1	Dry Film Lube Application (DIV R ONLY)
MA0109-315	R392			Infused Coating, Application SMPP Rqd
MA0605-303	R397			Applic Polyureth Foam - Cryo
EPS 5813276	R398			Dispersion Coating - TFE
MT0501-509	R400A	NDT	7114/2	Magnetic Particle Inspection SMPP Rqd
MT0501-504	R410A	NDT	7114/1	Penetrant Inspection SMPP Rqd
MT0501-507	R420	NDT	7114/4	Radiographic Inspection SMPP Rqd
MT0501-505	R423			Neutron Radiography, Incp (N-Ray) SMPP Rqd
MT0501-510	R430	NDT	7114/3	Ultrasonic Inspection SMPP Rqd
MT0501-513	R440			Inspection Eddy Current Requirements for
MA0103-312	R512			Electropolishing
MA0103-308	R512A			Electropolishing SMPP Rqd
MA0610-017	R515			Product Cleanliness
ES 5-50	R516A			Product Cleanliness
2EPS5810002	R516B			Product Cleanliness
MA0110-301	R516E			Product Cleanliness SMPP Rqd
MA0110-302	R516F			Cleaned Surfaces - Metallic Materials SMPP Rqd
				Cleanliness of Components for Use in Oxygen, Fuel & Pneumatic Systems, Spec for SMPP Rqd
MSFC-SPEC-164	R516J			Surface Cleanliness of Fluid Systems, Specifications for
KSC-C-123	R516K			Chem Milled Ti Alloy Parts SMPP Rqd
MA0103-306	R530	CP	7108	Chem Milling Aluminum Alloys SMPP Rqd
GA0103-001	R532	CP	7108	Chem Mill Corrosion & Heat Resistant Alloy SMPP Rqd
MA0103-310	R536	CP	7108	Etching Fluoro Wire Insulation SMPP Rqd
MA0110-313	R537			Bonding w/ Epoxy Adhesives
MA0106-301	R540A	COMP	7118/2	Bonded Assy - Room Temp. Cur Adhesive
MA0106-305	R540B	COMP	7118/2	Bonding - Epoxy Polyamide Adhesive
MA0106-335	R540C	COMP	7118/2	Bonding - Two Part Adhesive
MA0106-336	R540D	COMP	7118/2	Bonding - Neoprene Base Adhesive
MA0106-340	R540E	COMP	7118/2	Bonding - Polyureth Resin - Cryo Exp.
MA0106-375	R540F	COMP	7118/2	Bonding - Silicone Base Adhesive SMPP Rqd
MA0106-398	R540G	COMP	7118/2	Fabrication of Adhesive Bonded Structures
MA0106-324	R540H			Electr. Discharge Mach. Parts SMPP Rqd
MA0103-305	R562A			Electrical Discharge Machining
ES 3-14	R562B			Laminated Glass/Epoxy Composite SMPP Rqd
MA0105-303	R751	COMP	7118/1	Laminated Epoxy/Aramid Ducts Fab.
MA0105-316	R752	COMP	7118/1	Laminated Epoxy/Aramid Comp. Fab
MA0105-322	R753	COMP	7118/1	Laminated Quartz &/or Glass Fabric/Cyanate Ester Composite
MA0105-347	R755	COMP	7118/1	Laminated Graphite/Cyanate Ester Structure
MA0105-348	R756	COMP	7118/1	

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

MA0106-405	R757	COMP	7118/1, /2 & /3	Structures Bonded with Cyanate Ester Adhesive SMPP Rqd
PS15000.3	S101A	HT	7102	HT Steel - Normalizing
PS15000.4	S101B	HT	7102	HT Steel - Normalizing & Tempering
PS15000.5	S101C	HT	7102	HT Steel - Hardening (< 200 KSI)
PS15000.6	S101D	HT	7102	HT Steel - Hardening (> 200 KSI)
PS15000.7	S101E	HT	7102	HT Steel - Martempering 4340
PS15000.8	S101F	HT	7102	HT Steel - Martempering 4330V
PS15000.9	S101G	HT	7102	HT Steel - Annealing Stainless & 18% Ni
PS15000.10	S101H	HT	7102	HT Hardening Martensitic Stainless Steels to 180-200 KSI
PS15000.11	S101J	HT	7102	HT Hardening PH Grade Stainless Steel to H Condition
PS15000.12	S101K	HT	7102	HT Hardening PH Grade Stainless Steel to CH900 or CA 850 Condition
PS15000.13	S101L	HT	7102	HT Hardening PH Grade Stainless Steel to RH Condition
PS15000.14	S101M	HT	7102	HT Hardening PH Grade Stainless Steel to TH Condition
PS15000.15	S101N	HT	7102	HT Steel - Annealing
PS15063	S103A			HT Steel - Stress & Embrittlement Relief
PS15149	S103B	HT	7102	HT Steel - Hardening 440C
PS15151	S103C	HT	7102	HT Steel - Hardening & Cold Stabilization 440C
PS15154	S103D	HT	7102	HT Steel - Age Hardening 18% Ni
PS15159	S103E	HT	7102	HT Steel - Vacuum Hardening & Cold Stabilization 440C
PS15165	S103F	HT	7102	HT Steel - HP Quench & Temper Hardenable
PS15166	S103G	HT	7102	HT Steel - HP Quench & Temper Hardenable
PS15167	S103H	HT	7102	HT Steel - AF1410
PS15169	S103J	HT	7102	HT Steel - Aermet 100
PS15220	S103K	HT	7102	HT Steel - High Alloy Stabilization
PS15233	S103L	HT	7102	HT Steel - 17-7PH to TH 1050 Condition
PS15296	S103M	HT	7102	HT Steel - Hardening 300M to 280,000-300,000 PSI
PS15300	S103N	HT	7102	HT Steel - Hardening 4340 to 260,000-280,000 PSI
PS15301	S103P	HT	7102	HT Steel - Hardening H-11
PS15305	S103R	HT	7102	HT Steel - Subcritical Annealing 300M
PS15325	S103S	HT	7102	Vacuum Processing of Metals (including PS15326)
PS15416	S103U	HT	7102	HT Steel - Martempering AF 1410
PS15500	S111	HT	7102	HT for Al Alloys
PS15935	S121	HT	7102	HT Beryllium Copper / Brass
PS15600	S141	HT	7102	HT Super Alloy
PS15800	S151	HT	7102	HT Titanium
PS15452	S161	HT	7102	Case Hardening - Carburizing
PS15451	S171A	HT	7102	Case Hardening - Nitriding
PS15453	S171B	HT	7102	Case Hardening - Salt Bath Nitriding
PS15351	S182A	HT	7102	HT Steel - Ausbay
PS15352	S182B	HT	7102	HT Steel - Ausbay
PS22250	S200	WLD	7110/5	Fusion Welding - Steel
PS22162	S205	WLD	7110/5	Automatic Gas Tungsten Arc Welding of Tubular Joints
PS22201	S210	WLD	7110/5	Fusion Welding - Aluminum
PS22240	S214	WLD	7110/5	Fusion Welding - Titanium
PS22000	S220	WLD	7110/4	Resistance Welding - Spot & Seam
PS22155	S222	WLD	7110/4	Resistance Welding - Stainless Steel Wire
PS22010	S230	WLD	7110/4	Resistance Welding - Aluminum
PS22300	S248	WLD	7110/3	Electron Beam Welding
PS22604	S251	WLD	7110/1	Brazing - Steel - Torch, Induction
PS22604	S251A	HT	7102/1	Brazing - Steel - Furnace
PS22605	S253	WLD	7110/1	Brazing - Aluminum - Torch
PS22605	S253A	HT	7102/1	Brazing - Aluminum - Furnace, Dip
PS13143	S280			IVD Aluminum
PS13145	S281			Cadmium - Vacuum
PS13632	S282A			Flame Sprayed Aluminum - Composites
PS15989	S282B			Hard Surfacing - Hook Point
PS15992	S282C			Surfacing - Arrest Hook Point
PS13152	S283			Flame Deposited Coatings
PS13201	S304	CP	7108	Anodizing Aluminum
PS13201.1	S304A	CP	7108	Black Anodizing Aluminum
PS13208	S306	CP	7108	Hard Coat - Aluminum
PS13202	S322	CP	7108	Coating, Colorless Chemical Surface Treatment of Aluminum Alloys (Immersion Application Only)
PS13209	S325	CP	7108	Coating, Multicolor Chemical Conversion of Aluminum Alloys by Immersion
PS13101	S341	CP	7108	Cadmium Plating
PS13113	S347	CP	7108	Brush Plating
PS13144	S348	CP	7108	Cadmium Plating - Low Embrittlement
PS13102	S351	CP	7108	Chromium Plating

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

PS13118	S354	CP	7108	Chromium Plating - Titanium
PS13104	S356	CP	7108	Copper Plating
PS13112	S361	CP	7108	Nickel Plating
PS13105	S364	CP	7108	Electroless Nickel Plating
PS13107	S365	CP	7108	Plating - Diffused Nickel Cadmium
PS13025	S368	CP	7108	Tin Plating
PS13108	S375	CP	7108	Silver Plating
PS13055	S375A	CP	7108	Silver Plating 17-4 PH Steel
PS18021	S391	CP	7108	Application - Dry Film Lubricant
PS21201	S400	NDT	7114/2	Magnetic Particle Inspection
PS21202	S410A	NDT	7114/1	Penetrant Inspection - Aluminum
PS21202	S410B	NDT	7114/1	Penetrant Inspection - Beryllium
PS21202	S410C	NDT	7114/1	Penetrant Inspection - Cobalt & Nickel
PS21202	S410D	NDT	7114/1	Penetrant Inspection - Copper
PS21202	S410E	NDT	7114/1	Penetrant Inspection - Low Alloy Steels
PS21202	S410F	NDT	7114/1	Penetrant Inspection - Magnesium
PS21202	S410H	NDT	7114/1	Penetrant Inspection - Stainless Steels
PS21202	S410J	NDT	7114/1	Penetrant Inspection - Titanium
PS21202	S410K			Penetrant Inspection - Injection Molded / Composites
PS21206	S421	NDT	7114/4	Radiographic Inspection
PS21206.1	S421A	NDT	7114/4	Radiographic Inspection - Metallic Honeycomb Assys
PS21206.2	S421B			Radiographic Inspection - Electronic Parts
PS21206.3	S421C	NDT	7114/4	Radiographic Inspection - Composite Parts
PS21406	S421D	NDT	7114/4	Radiographic Inspection - AV-8 Horizontal Stab. & Rudder
PS21237	S423			Radiographic Inspection - Neutron
PS21211	S430	NDT	7114/3	Ultrasonic Inspection
PS21211.1	S430A	NDT	7114/3	Ultrasonic Inspection - Welds
PS21211.2	S430B	NDT	7114/3	Ultrasonic Inspection - Metal Tubing
PS21211.3	S430C	NDT	7114/3	Ultrasonic Inspection - Machined Parts / Thin Mat'l
PS21211.4	S430D	NDT	7114/3	Ultrasonic Inspection - Honeycomb / Composites Structure
PS21211.5	S430E	NDT	7114/3	Ultrasonic Inspection - Metal Bond / Brazed Honeycomb
PS21217	S440A			Eddy Current Inspection - Holes
PS21219	S440B			Eddy Current Inspection
PS21220	S440C			Eddy Current Inspection - Metal Tubing
PS21245	S440D			Eddy Sonic Inspection
PS21205	S441	CP		Temper Etch Inspection
PS21241	S460			Leak Testing
PS21241.1	S460A			Leak Testing - Mass Spectrometer
PS21241.2	S460B			Leak Testing - Bubble
PS21241.3	S460C			Leak Testing - Ultrasonic
PS21218	S461			Infrared Thermal Inspection
PS21244	S466A	NDT	7114/3	Ultrasonic Resonance Inspection - Honeycomb / Composites
PS21255	S466B			Ultrasonic Inspection - Bonded MMS440 Material
PS21411	S466C	NDT	7114/3	Ultrasonic Inspection - AV8 Horizontal Stab. & Rudder
PS14023	S500	NMSE	7117	Peening
PS14094	S501	NMSE	7117	Peen Forming
PS12037	S510	CP	7108/3	Cleaning of Titanium Detail Parts for Adhesive Bonding
PS20022	S531	CP	7108	Chemical Milling
PS20650	S531A	CP	7108	Chemical Blanking
PS20650.3	S531B	CP	7108	Chemical Blanking - Stainless Steel
PS12035	S542	CP	7108/3	Cleaning of Aluminum Detail Parts for Adhesive Bonding
PS14211	S580			Forming - Superplastic Titanium Sheet
PS14236	S581			Forming - Superplastic Aluminum
PS14025	S701			Fabrication - Foam In Place
PS14062	S702	COMP	7118/3	Fabrication - Impregnated Paper Core Honeycomb Assys
PS14081	S703	COMP	7118/1 & /3	Fabrication - Aluminum Honeycomb / Boron Skin
PS14120	S704	COMP	7118/1 & /3	Fabrication - Aluminum Honeycomb / Boron Skin / Fiberglass
PS14123	S705	COMP	7118/1 & /3	Fabrication - Honeycomb Core / Glass Epoxy Skin
PS14124	S706	COMP	7118/1 & /3	Fabrication - Aluminum Honeycomb / Graphite Skin
				Carbon/Epoxy Structural Skins with Al Honeycomb Core and Fiber Glass,
PS14198	S706A	COMP	7118/1 & /3	Fabrication and Acceptance of
PS14998	S706B	COMP	7118/1 & /3	Co-bonded and Co-cured Carbon Epoxy Honeycomb Core Structure
PS14130	S707	COMP	7118/1	Laminate Fabrication - Boron / Epoxy
PS14138	S708			Fabrication - F15 Composite Speedbrake
PS14214	S709	COMP	7118/2	Fabrication - Aluminum Sandwich Assemblies
PS14223	S710	COMP	7118/2	Fabrication - Aluminum Sandwich Assemblies
PS14240	S711	COMP	7118/1	Laminate Fabrication - Graphite
PS14268	S712	COMP	7118/1	Laminate Fabrication - Carbon Fiber / Epoxy
PS14196	S712A	COMP	7118/1	Carbon/Epoxy Structural Skin, Fabrication and Acceptance of
				Carbon/Epoxy Structural Skins with Aluminum Honeycomb Core,
PS14197	S712B	COMP	7118/1 & /3	Fabrication and Acceptance of

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

PS14261	S712C	COMP	7118/1	Carbon Fiber Reinforced Toughened Epoxy Laminates (low rate production), Fabrication and Acceptance of
PS14269	S713	COMP	7118/1	Laminate Fabrication - Carbon / Epoxy
PS14250	S713A	COMP	7118/1 & /3	Low Temp Cure Epoxy Laminates & Sandwich Structures (NON Autoclave Cure); Fab & Acceptance of
PS14274	S714			Fabrication - Resin Transfer Molded Composites
PS14605	S714A			Vacuum-Assisted Resin Transfer Molding (VARTM) of Composite Laminates and Sandwich Assemblies
PS14302	S715	COMP	7118/1	Adhesive Bonding - Composite Structures
PS14340	S716	COMP	7118/1	Fabrication - Carbon / Epoxy Horizontal Stab. & Rudder
PS14600	S717			Bonding - Elastomeric Boot
PS14999	S718	COMP	7118/3	Bonding - Graphite / Aluminum
PS14034	S719	COMP	7118/1	Laminate Fabrication - Plastic
PS14034.1	S720	COMP	7118/1	Laminate Fabrication - Non-Structural Plastic
PS14034.2	S721	COMP	7118/1	Fabrication - Plastic Pressure Ducts
PS14034.7	S722			Laminate Fabrication - Glass Fabric / Reinforced Bismaleimide
PS14270	S722C	COMP	7118/1 & 3	Carbon Fiber Reinforced Bismaleimide Laminates (Low Rate Production); Fab & Acceptance of
PS14057	S723	COMP	7118/1	Fabrication - Duct Assembly
	S723A	COMP	1/3/7118	Polyimide Laminates & Sandwich Structures
PS14059	S724	COMP	7118/1	Laminate Fabrication - Silicone Rubber & Plastic
PS14064	S725	COMP	7118/1	Fabrication - Reinforced Plastic Ducts
PS14300	S726			Fabrication - Survivable Covering - External Fuel Tanks
PS14331	S727			Fabrication - Composite External Fuel Tank
PS14295	S758			Fabrication and Assembly of Selective Laser Sintered (SLS) Nylon Materials
PS19205	S910			Rolling of Structural External Threads
DPS7.00-1-17	T111A	HT	7102	Aluminum Heat Treatment Procedures C17
LA0111-006	U101A	HT	7102	Heat Treatment of Carbon and Alloy Steels
LA0111-009	U101B	HT	7102	Processing of Steel Parts Heat Treated to High Tensile Strength
LA0111-014	U101C	HT	7102	Heat Treatment & Processing of Ultra High Strength Steel Alloys
LA0111-016	U101D			Prevent & Elim H2 Embrittlement in Steel - HT in Steel
LA0111-018	U101E	HT	7102	Processing & Heat Treatment of Tool Steels for Airframe Use
LA0111-020	U101F	HT	7102	Surface Hardening of Stainless Steels by Malcomizing-SMPP Req'd
LA0111-021	U101G	HT	7102	Heat Treatment of 18 NI Mar - Aging Steel
LA0111-032	U101H	HT	7102	Heat Treatment of 400 Series Steels
ST0111LA0005	U101J	HT	7102	Heat Treatment Carbon and Alloy Steels
ST0111LA0007	U101K	HT	7102	Heat Treat of Ultra High Strength Steel-SMPP Req'd
ST0111LA0011	U101L	HT	7102	Surface Hardening of Carbon & Alloy Steel
LA0102-036	U103	HT	7102	Limitations on Straightening of Heat Treated Carbon, Alloy & 400 Series Corros Resist Steel Parts
ST0111LA0010	U104			Prevention and Elimination of Hydrogen Embrittlement in Steel
LA0111-031	U105A	HT	7102	Heat Treatment of Nickel Base Magnetic Alloys-SMPP Req'd
ST0111LA0001	U105B	HT	7102	Heat Treatment of Magnetic Alloy, ST0170LB0011
ST0613LA0011	U105C	HT	7102	Heat Treatment of Magnetic Alloy, ST0170LB0011
ST0111LA0009	U111	HT	7102	Heat Treat of Aluminum Alloys-SMPP Req'd
LA0111-011	U121	HT	7102	Heat Treatment of Copper and Copper Alloys
ST0111LA0008	U131	HT	7102	Heat Treat of Precipitation Hardening Corro Resist Steel-SMPP Req'd
LA0102-009	U133	HT	7102	Limitation For Processing PH Steel Details
LA0111-029	U141A	HT	7102	Heat Treat of Heat Resist Iron & Cobalt Base Alloys-SMPP Req'd
ST0111LA0002	U141B	HT	7102	Heat Treatment of 9NI-4CO Alloy Steel-SMPP Req'd
LA0111-008	U151	HT	7102	Heat Treatment of Titanium Alloy Bar, Forgings And Extrusions
LA0111-026	U151A	HT	7102	Heat Treatment of Titanium Alloys
ST0111LA0003	U151B	HT	7102	Heat Treat of Titanium-SMPP Req'd
LA0111-033	U153	HT	7102	Heat Treatment of Diffusion Bonded Titanium Base, 6ENT Vanadium-SMPP Req'd
LA0111-005	U165	HT	7102	Surface Hardening of Carbon & Alloy Steel
LA0602-004	U166	HT	7102	Autoclave Forming With Concurrent Precipitation Heat Treatment of B1-B Wing Outer Panels - SMPP Req'd
ST0107LA0018	U201C	WLD	7110/5	Fusion Welding, High Strength Steel - SMPP Req'd
ST0107LA0019	U201D	WLD	7110/5	Fusion Welding 9NI-4CO-0.20C - SMPP Req'd
LA0107-064	U202A	WLD	7110/5	Fusion Weld, Heat Resistant Alloys - SMPP Req'd
ST0107LA0021	U202B	WLD	7110/5	Fusion Welding, Corrosion Resistant Steel
LA0114-004	U203	WLD	7110/5	Casting, In Process Repair Welding - SMPP Req'd
LA0107-058	U207			Swage Joining of Aluminum Alloy Tubular Joints
ST0107LA0020	U210	WLD	7110/5	Fusion Welding Aluminum
ST0107LA0020	U212	WLD	7110/5	Fusion Welding Magnesium
LA0107-061	U214A	WLD	7110/5	Fusion Weld Seal of 6A1-4V Ti Hydraulic Components - SMPP Req'd
ST0107LA0017	U214B	WLD	7110/1	Fusion Welding Titanium - SMPP Req'd
LA0107-063	U216A	WLD	7110/5	Fusion Weld, Magnetic Alloy (LB0107-201) - SMPP Req'd

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

ST0613LA0008	U216B	WLD	7110/5	TIG Brazing, Magnetic Alloy
ST0613LA0010	U216C	WLD	7110/5	Fusion Weld Magnetic Alloy
ST0107LA0012	U216D	WLD	7110/5	Fusion Welding Magnetic Alloy (ST0170L0011)
ST0107LA0014	U216E	WLD	7110/1	TIG Brazing, Magnetic Alloy
LA0107-065	U217			Fabrication Metal Foil Encased Insulation Blankets - SMPP Req'd
LA0107-016	U220	WLD	7110/4	Resistance Welding-Spot-Seam-Stitch-All Welds Class A Unless Specified
LA0107-001	U224			Arc Spot Welding
LA0107-011	U250	HT		Copper Furnace Brazing of Steel
LA0107-012	U251			Low Temp Silver Brazing of Steels, Copper and Copper Alloys - Torch, Induction
LA0107-012	U251A	WLD	7110/1	
LA0107-059	U252	HT	7102/1	Low Temp Silver Brazing of Steels, Copper and Copper Alloys - Dip
LA0107-025	U254	WLD	7110/5	Fusion Weld Sealing of 9NI-4CO-30C-SMPP Req'd
LA0107-020	U255	HT		Furnace Brazing of Cres Steel
ST0107LA0004	U270	HT		Furnace Brazing of H-11 Steel and 440C Corrosion Resistant Steel
ST0107LA0011	U271			Soldering, Manual, Electrical & Electronic Components, With Low Temp Solder-SMPP Req'd
LA0109-017	U313			Press Diffusion Bonding of Titanium Alloy 6Al-4V: High Fracture Toughness-SMPP Req'd
LA0109-024	U326	CP	7108	Anodizing and Coloring of Aluminum Alloys
LA0109-019	U351	CP	7108	Chemically Film Treatment for Ti and Ti Alloys - SMPP Req'd
LA0109-025	U360	CP	7108	Hard Chromium Plating - SMPP Req'd
ST0109LA0007	U363	CP	7108	Nickel-Tin Coating of Alloy Steel - SMPP Req'd
LA0108-034	U381			Hard Nickel Plating - SMPP Req'd
LA0109-041	U382			Application of Abrasion Resistant Coating - SMPP Req'd
LA0112-007	U390A	CP	7108/1	Coating, Chromic Oxide, Plasma Spray Deposition - SMPP Req'd
LA0112-014	U390B			Lubricant Dry Film, Ceramic Bonded
LA0108-038	U392A	CP	7801/1	Lubricant, Dry Film, Resin, Bonded, Graphite Free, Application of - SMPP Req'd
LA0113-027	U392B			Application of Teflon-Filled Polyurethane Coating - SMPP Req'd
LA0108-041	U393	CP	7108/1	Appli of Corro Prevent Finish For Electric Bonding-SMPP Req'd
ST0110LA0008	U396	CP	7801/1	Application of Fluorelatomer Rain Erosion & Anti-Static Coating
ST0501LT0011	U400	NDT	7114/2	Cleaning Titanium & Titanium Alloys - SMPP Req'd
ST0501LT0010	U410	NDT	7114/1	Magnetic Particle Inspection - SMPP Req'd
ST0501LT0009	U420	NDT	7114/4	Penetrant Inspection - SMPP Req'd
ST0115LA0023	U422			Radiographic Inspection - SMPP Req'd
ST0501LT0003	U430A	NDT	7114/3	Neutron Radiographs, Controlling Quality of
ST0501LT0006	U430B	NDT	7114/3	Ultrasonic Inspection - SMPP Req'd
ST0501LT0014	U440			Ultrasonic Inspection - Wrought Metals
ST0118GA0001	U500	NMSE	7117	Eddy Current Inspection - SMPP Req'd
ST0118LA0001	U501	NMSE	7117	Shot Peening of Metallic Parts
LA0110-005	U512			Shot Peening of Metallic Parts
LA0110-037	U514A			Cleaning of Helium Lines and Components
ST0110LA0007	U514B	CP	7108/3	Surface Prep Aluminum Alloys for Adh Bond Repairs - SMPP Req'd
ST0511LT0002	U516			Surface Preparation of Materials for Adhesive Bonding
LA0106-019	U521			Control of Monitored Environment Controlled Areas (Clean Room)
LA0103-003	U530	CP	7108	Impregnation of Aluminum and Magnesium Castings
LA0103-013	U536A	CP	7108	Chemical Milling of Titanium Alloys - SMPP Req'd
ST0103LA0002	U536B			Chem Mill Processing of Magnesium Alloys
LA0103-017	U537A	CP	7108	Electrochemical Machining Process - SMPP Req'd
ST0103LA0001	U537B			Chem Milling of Ferrous and Nickel Base Alloys - SMPP Req'd
LA0106-156	U540A	COMP	7118/2	Chemical Leaching of Steel Filler Bars from Diffusion Bonded Titanium Alloy Panels
ST0106LA0039	U540B			Structural Adhesive Bonding at Room Temperature
ST0106LA0032	U547	COMP	7118/2	Structural Adhesive Bonding Metals & Reinforced Plastics - SMPP Req'd
LA0103-016	U562	COMP	7118/2 & /3	Adhesive Bonded Honeycomb Panel - SMPP Req'd
ST0102LA0005	U580			Electrical Discharge Machining of Metallic Parts - SMPP Req'd
LA0102-003	U580A			Hot Forming & Sizing of Titanium - SMPP Req'd
LA0102-034	U580B			Elevated Temperature Forming & Sizing of Ti & Ti Alloy Parts
ST0102LA0006	U581			Superplastic Forming of Titanium Alloy Sheet Structures - SMPP Req'd
ST0102LA0007	U583			Elevated Temp Forming & Straightening Of Al Alloys - SMPP Req'd
LA0605-063	U722	COMP	7118/1 & /3	Temperature Exposure Time Limitations for Elevate DMP Forming & Sizing of Alloy 9NI-4CO & Corrosion Resistant
LA0605-064	U723A	COMP	7118/1 & /3	Fabrication Graphite/Epoxy Flaps for B1-B
LA0605-065	U723B	COMP	7118/1 & /3	Fabrication Fairing Panels- Cocured Graphite/Epoxy & Fiberglass Graphite/Epoxy Hybrid Honeycomb
				Fabrication Cocured Graphite/Epoxy Sandwich B1-B Weapons Bay Door Assembly

D1-4426 PROCESS CODE INDEX  
(Sorted by Process Code)

LA0105-057	U729	COMP	7118/1	Fab Solid Graphite Reinforced Epoxy Laminates & Substructure Parts, -67 to 350 F Service
LA0105-050	U733	COMP	7118/1	Fabrication of Temperature Resistant Advanced Comp.
LA0103-023	U900			Cold Working of Fastener Holes
LA0102-033	U905			Rigid Tubing Fabrication
ST0107LA0022	U913			Swage Joining of Titanium Alloy Tubular Parts
ST0108LA0011	U914	CP		Application of Intregal Fuel Tank Coating
ST0109LA0006	U915			AND EMI Protection of Plastic Parts
LA0103-001	U916			Processing to Obtain Close Tolerance Sheet & Plates - SMPP Req'd
LA0103-006	U917			Thermal Cutting
LA0208-014	U918A			Molded In-Place Seals
LP004-010	U918B			Line Supports, Block and Clamp Types, TFE Lined
ST0103LA0008	U919			Thermal Cutting - SMPP Req'd
ST0106LA0035	U920			Grove Injection Sealing Process Intregal Fuel Tanks - SMPP Req'd
ST0106LA0037	U921			Fillet Sealing Process Intregal Fuel Tanks
LA0103-020	U922A			Grind High Strength Stl And Chrome Plated Stl Parts - SMPP Req'd
ST0106LA0038	U922B			Environmental Sealing Process Hi-Performance Aircraft
ST0106LA0040	U923			Pressure Tight Sealing Hi-Performance Aircraft