



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - ALPHA

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Vendor Address City / State / Zip	Cage Code Vendor ID	Process Specification CPP/SMPP Description	Rev Rev	MPP	Limitations	Audit Date	Expiration Date	Process Approval Status
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MA0109-009	D	N/A		07/14/10	07/14/11	APPROVED
		NONE	-					
		TYPE II, CLASS 1 & 2 ANODIZING						
		MA0109-309	NEW	N/A		07/14/10	07/14/11	APPROVED
		MPP 307	NEW					
		SULFURIC ACID ANODIZING (TYPE II). Simply reword what you want here...						
		MA0110-302	C	M06		07/14/10	07/14/11	APPROVED
		134	A, AMD. 2					
		PRE-PEN ETCH NON-WELDED ALUMINUM						
		MA0110-302	C	M35		07/14/10	07/14/11	APPROVED
		106	C, AMD 1					
		CLEANING AND ETCHING TITANIUM ALLOYS						
		MA0110-302	C	M42		07/14/10	07/14/11	APPROVED
		133	A, AMD 1					
		PRE-PEN ETCH CRES AND NICKEL						
MIL-A-8625	NEW	N/A		Dichromate seal only.	07/14/10	07/14/11	APPROVED	
MPP 302	NEW							
TYPE II, ANODIZE								
MIL-A-8625 TYPE I	NEW	NULL			07/14/10	07/14/11	APPROVED	
MPP 303	B							
Chromic Anodizing Of Aluminum								
MIL-A-8625 TYPE II	NEW	N/A		Dichromate seal only.	07/14/10	07/14/11	APPROVED	
MPP 302	N/C, AMD 1							
Anodic Coatings for Aluminum and Aluminum Alloys (Sulfuric Acid Anodizing).								
MIL-A-8625 TYPE III	NEW	N/A		Cannot hard anodize inner diameter	07/14/10	07/14/11	APPROVED	
MPP 150	AMD 1			(ref. V070-573046-001 Housing).				
Anodic Coatings for Aluminum and Aluminum Alloys (Hard Anodic Coatings).								
MIL-C-5541	E	M01			07/14/10	07/14/11	APPROVED	
MPP 301	D							
Chem Film, Immersion Method								
MIL-C-8837		N/A			07/14/10	07/14/11	APPROVED	
#501	A3							
VACUUM CADMIUM PLATE								



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AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MT0501-504	F	M02	Not approved for Fracture Critical NDT Inspection.	07/14/10	07/14/11	LIMITED
		203	C1					
		PENETRANT INSPECTION TYPE I, METHOD A						
		MT0501-509	E	M01	Not approved for Fracture Critical NDT Inspection.	07/14/10	07/14/11	APPROVED
		204	NC1					
		MAGNETIC PARTICLE INSPECTION						
		QQ-P-416	F	N/A	Types I and II, no approved SMPP for Type III.	07/14/10	07/14/11	LIMITED
		401	C, AMD 1					
		CADMIUM ELECTROPLATE						
AEROSPACE WELDING, INC. 2035 GRANVILLE AVE. LOS ANGELES, CA 90025-6103	0000010501	MA0107-305	D	N/A		04/21/10	04/21/11	APPROVED
		APS-1	F					
		PERCUSSION STUD WELDING						
		MA0110-302	C	M04		04/21/10	04/21/11	APPROVED
		APS-1(6858-1)	F					
		CLEAN ALUMINUM ALLOYS-OWN USE ONLY						
AIRCRAFT X-RAY LABORATORIES, INC. 5216 PACIFIC BLVD HUNTINGTON PARK, CA 90255-2529	0000019189	MA0110-302	C	M06		10/28/09	10/28/10	APPROVED
		AXL 102-1	1/1/2000					
		PRE-PEN ETCH NON-WELDED ALUMINUM, IMMERSION.						
		MA0110-302	C	M35		10/28/09	10/28/10	APPROVED
		AXL 6002	1/1/2000					
		ETCHING TITANIUM ALLOYS FOR PENETRANT INSPECTION, IMMERSION						
		MT0501-504	A	M02	Not approved for fracture critical.	10/28/09	10/28/10	APPROVED
		QPP-101	E					
		PENETRANT INSPECTION TYPE I, METHOD A						
		MT0501-507	A	M04	Not approved for fracture critical.	10/28/09	10/28/10	APPROVED
		QPP-101	E					
		RADIOGRAPHIC INSPECTION ASSEMBLIES,GENERAL						
ASTRO ALUMINUM TREATING CO., INC. 11040 PALMER AVENUE SOUTHGATE, CA 90280-7497	0000000558	MA0111-301	G1	M02		03/26/10	03/26/11	APPROVED
		AAT-X-002	E					
		SOLUTION HEAT TREAT OF 2024 ALUMINUM						
		MA0111-301	G1	M03		03/26/10	03/26/11	APPROVED
		AAT-X-014	J					
		PRECIPITATION HEAT TREAT OF 2024 ALUMINUM						



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ASTRO ALUMINUM TREATING CO., INC. 11040 PALMER AVENUE SOUTHGATE, CA 90280-7497	0000000558	MA0111-301	G1	M04		03/26/10	03/26/11	APPROVED	
		AAT-X-009	B						
		ANNEAL PROCESSING OF ALUMINUM ALLOYS 2014,2024,							
		MA0111-301	G1	M05		03/26/10	03/26/11	APPROVED	
		AAT-X-005	C						
		SOLUTION HEAT TREATMENT 7075 ALUM. ALLOY TO -W							
		MA0111-301	G1	M08		03/26/10	03/26/11	APPROVED	
		AAT-X-021	REV. C						
		PRECIPITATION HEAT TREAT OF 7075 ALUMINUM TO THE							
		MA0111-301	G1	M12		03/26/10	03/26/11	APPROVED	
		AAT-X-003	D						
		SOLUTION HEAT TREATMENT 2219 ALUM ALLOY TO -T4							
		MA0111-301	G1	M16		03/26/10	03/26/11	APPROVED	
AAT-X-015	F								
PRECIPITATION HEAT TREATMENT OF 2219 ALUMINUM									
MA0111-301	G1	M19		03/26/10	03/26/11	APPROVED			
AAT-X-004	A								
SOLUTION HEAT TREAT OF 6061 ALUMINUM									
MA0111-301	G1	M21		03/26/10	03/26/11	APPROVED			
AAT-X-017	REV C								
PRECIPITATION HEAT TREAT OF 6061 ALUMINUM									
MA0111-301	G1	N/A			PERCIPITATION HEAT TREAT FROM 7075-WXX TO T76 CONDITION.	03/26/10	03/26/11	APPROVED	
AAT-X-022	REV. B								
PRECIPITATION HEAT TREATMENT OF 7075 WXX									
MA0111-301	G1	NO		03/26/10	03/26/11	APPROVED			
AAT-X-001	A								
SOLUTION HEAT TREAT OF 2014 ALUMINUM									
MIL-H-6088		G, AMD 1	N/A		LIMITATIONS: USE SAME SMPP's FOR MA0111-301 SMPP's LISTED.	03/26/10	03/26/11	APPROVED	
SEE LIMITATIONS		SEE MA0S							
HEAT TREAT OF ALUMINUM									
ASTRO PAK CORPORATION 12201 PAGBORN AVENUE DOWNEY, CA 90241-5612	0000015269	MA0110-301 AP06-0683-6060 PRODUCT CLEANLINESS	J REV. G	M01	Not approved to clean filters per ARP 598 or bubble point testing per ARP 901.--Approved for cleaning particulate Level 100 and greater (100 thru 1,0000, and NVR).	06/26/10	06/26/11	LIMITED	



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ASTRO PAK CORPORATION 12201 PAGBORN AVENUE DOWNEY, CA 90241-5612	0000015269	MIL-STD-1246 AP06-0683-6060 CLEANLINESS LEVELS/CONTAM. CONTROL PROGRAM	C-2 REV. G	N/A	Not approved to clean filters per ARP 598 or bubble point testing per ARP 901. Approved for particulate Level 100 and greater (100 thru 1,000 and NVR).	06/26/10	06/26/11	LIMITED
BARRY AVENUE PLATING CO. 2210 BARRY AVENUE LOS ANGELES, CA 90064-1402	0000017499	MIL-C-13924 BAP 1203 BLACK OXIDE COATING OF FERROUS ALLOYS, CLASS 1 AND 4.	NC	N/A	Classes 1 and 4 only.	01/19/10	01/19/11	LIMITED
BODYCOTE THERMAL PROCESSING 11845 BURKE STREET SANTA FE SPRINGS, CA 90670-2537	0000015243	MA0107-309 MPP0317 SILVER ALL BRAZED FERROUS NONFERROUS ALLOYS	D E	N/A		10/12/09	10/12/10	APPROVED
		MIL-B-7883 MPP7883 BRAZING OF STEELS, COPPER, COPPER ALLOYS NICKEL ALLOYS, ALUMINUM	C B	N/A		10/12/09	10/12/10	APPROVED
BODYCOTE THERMAL PROCESSING 7474 GARDEN GROVE BLVD. WESTMINSTER, CA 92683-2298	0000017921	MA0111-301 BTP-WI 09.07.00 SOLUTION HEAT TREAT OF 2024 ALUMINUM	11/1/01	M02		06/02/09	12/02/10	APPROVED
		MA0111-301 BTP-WI 09.07.00 PRECIPITATION HEAT TREAT OF 2024 ALUMINUM	11/1/01	M03		06/02/09	12/02/10	APPROVED
		MA0111-301 BTP-WI 09.07.00 PRECIPITATION HEAT TREATMENT 7075-T6XXX ALUM	11/1/01	M14		06/02/09	12/02/10	APPROVED
BRADDOCK METALLURGICAL AEROSPACE SVCS 507 INDUSTRIAL WAY BOYNTON BEACH, FL 33426-8770	0000019633	AMS 2759/3 BMAS PS-03 Heat Treatment Precipitation Hardening Corrosion-Resistant and	M NEW, N/C	N/A		05/28/10	05/28/11	APPROVED
		AMS 5662 NONE REQUIRED HEAT TREATMENT OF AMS 5662 INCONEL 718 SOLUTION HEAT TREATED TO	M NONE	N/A		05/28/10	05/28/11	APPROVED
		AMS-H-6875 CLASS D BMAS-S-01 Heat Treatment of Steel Raw Materials, Precipitation-Hardening and Maraging Steel	N/A 1	N/A	Limited to 302 CRES/Stainless Steel, and to material or parts .100" thick or less. Also approved for SAE-AMS-H-6875.	05/28/10	05/28/11	APPROVED
		MA0111-303 LHT R-3 SOLUTION HEAT TREAT OF INCONEL 718	AB 07-15-86	M01		05/28/10	05/28/11	APPROVED



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BRADDOCK METALLURGICAL AEROSPACE SVCS 507 INDUSTRIAL WAY BOYNTON BEACH, FL 33426-8770	0000019633	MA0111-303 S-13 STRESS EQUALIZING INCONEL-X-750	AB B	M02		05/28/10	05/28/11	APPROVED		
		MA0111-303 S-18 AGE HARDENING INCONEL X-750	AB B	M05		05/28/10	05/28/11	APPROVED		
		MA0111-303 LHT R-2 AGE HARDENING INCONEL 718 FOR MAX. CREEP & STRESS	AB 10-01-85	M06		05/28/10	05/28/11	APPROVED		
		MA0111-303 LHT R-1 AGE HARDEN INCON 718 FOR OPTIMUM CRYOGENIC	AB 10-01-85	M07		05/28/10	05/28/11	APPROVED		
		MA0111-307 LHT-R4 HEAT TREAT & CRES, PRECIPITATION HARDENING	M C	M03		05/28/10	05/28/11	APPROVED		
		MIL-H-6875 BMAS-S-01 Heat Treatment of Steel	H-2 1	NA	Limited to 302 CRES/Stainless Steel, and to material or parts .100" thick or less. Also approved for SAE-AMS-H-6875.	05/28/10	05/28/11	APPROVED		
		MIL-H-6875 LHT-R4 Heat Treatment of Steel	H-2 C	NONE	Also certified for SAE-AMS-H-6875. Approved for same SMPP's and processes as listed for MA0111-307, Rev. M. Cannot process low alloys steels (no oil or water quench).	05/28/10	05/28/11	APPROVED		
		MIL-H-7199 LHT-R16 PRECIPITATION HEAT TREAT OF COPPER - BERYLLIUM	A-2 N/C	M02	Also certified for SAE-AMS-H-7199	05/28/10	05/28/11	APPROVED		
		CALIFORNIA METAL PROCESSING CO. 1530 W. SLAUSON AVE. LOS ANGELES, CA 90047-1230	0000012369	MIL-C-26074 13-SD ELECTROLESS NICKEL PLATING	E 7	N/A		03/17/10	03/17/11	APPROVED
				MIL-I-6866 CED-PT-200-504 PENETRANT INSPECTION	B3 B	N/A		05/19/10	05/19/11	APPROVED
CEDTECH TESTING LABORATORIES 10708 S. GARFIELD AVE. SOUTH GATE, CA 90280-7328	0000012246	MIL-STD-1949 CED-MPI-300 MAGNETIC PARTICLE INSPECTION	D A	N/A		05/19/10	05/19/11	APPROVED		



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CEDTECH TESTING LABORATORIES 10708 S. GARFIELD AVE. SOUTH GATE, CA 90280-7328	0000012246	MIL-STD-6866	B3	N/A		05/19/10	05/19/11	APPROVED		
		CED-PT-200-504	B							
		INSPECTION, LIQUID PENETRANT								
		MT0501-504	E2	M02		05/19/10	05/19/11	APPROVED		
		CED-PT-200-504	B							
		PENETRANT INSPECTION TYPE I, METHOD A								
CEDTECH TESTING LABORATORIES 10708 S. GARFIELD AVE. SOUTH GATE, CA 90280-7328	0000012246	MT0501-507	A	M04		05/19/10	05/19/11	APPROVED		
		CED-RT-100-507	A							
		RADIOGRAPHIC INSPECTION ASSEMBLIES,GENERAL								
		MT0501-508	E	M01	Approved for Fracture Critical	05/19/10	05/19/11	APPROVED		
		CED-PT-200-504B, SUPP. B	D		Inspection, using, dye penetrant (ref:					
		Nondestructive Testing Requirements For Materials & Processed Parts, Fracture Ci			MT0501-504).					
CEDTECH TESTING LABORATORIES 10708 S. GARFIELD AVE. SOUTH GATE, CA 90280-7328	0000012246	MT0501-509	D	M01		05/19/10	05/19/11	APPROVED		
		CED-MPI-300	A							
		MAGNETIC PARTICLE INSPECTION								
		<hr/>								
		CHEM-TEK METAL FINISHING CORPORATION 636 ATLANTIS ROAD MELBOURNE, FL 32904-2315	0000016193	AMS 2700	C	N/A	Limited to processing non-flight	10/02/09	04/30/11	LIMITED
				CT QSD-01.3	9		hardware; GSE Types II and III, STE			
Passivation of Corrosion Resistant Steels.					and tooling.					
ASTM A 967	9/1/2005			N/A	Limited to non-flight GSE Types II &	10/02/09	04/30/11	LIMITED		
CT QSD-01.4	6				III, STE and tools.					
Passivation of Corrosion Resistant Steels;										
MIL-A-8625 TYPE II	9/1/2005			N/A	Limited to Non-flight (GSE Types II &	10/02/09	04/30/11	LIMITED		
CT QSD-01.1	12				II, STE, Tools).					
Anodic Coatings for Aluminum and Aluminum Alloys (Sulfuric Acid Anodizing).										
MIL-A-8625 TYPE III	9/1/2005			N/A	Limited to Non-flight (GSE Types II &	10/02/09	04/30/11	LIMITED		
CT QSD-01.1	4		II, STE, Tools).							
Anodic Coatings for Aluminum and Aluminum Alloys (Hard Anodic Coatings).										
CHEM-TEK METAL FINISHING CORPORATION 636 ATLANTIS ROAD MELBOURNE, FL 32904-2315	0000016193	MIL-C-5541	E	N/A	Limited to Non-flight (GSE Types II &	10/02/09	04/30/11	LIMITED		
		CT QSD-01.3	9		II, STE, Tools).					
		Chemical Conversion Coatings on Aluminum and Aluminum Alloys								
		QQ-P-35	9/1/2005	N/A	Limited to Non-flight (GSE Types II &	10/02/09	04/30/11	LIMITED		
CT QSD-01.3	9		II, STE, Tools).							
PASSIVATION TREATMENTS FOR CRES										



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CIRCOR AEROSPACE, INC. 2301 WARDLOW CIRCLE CORONA, CA 92880-2801	0000019486	KSC-C-123 N/A SURFACE CLEANLINESS OF FLUID SYSTEMS	H, 6 N/A	N/A	Internal support-limited to cleaning at supplier's facility. Limited to cleaning with Freon (CFC 113) and isopropyl alcohol (IPA), IPA shall not be used on oxidizer hardware. Limited to microscopical particle analysis & gravimetric NVR analysis.	11/06/09	11/06/10	APPROVED
COAST PLATING, INC. 128 W. 154TH STREET GARDENA, CA 90248-2202	0000012247	MA0109-315 CPP-3-1 APPLICATION OF TFE INFUSED COATING	B N/C	N/A	Type I only (Types II & III are deleted).	07/15/10	07/15/11	APPROVED
		MIL-A-8625 TYPE I CSP 1.00 Chromic Anodizing Of Aluminum	B F	NULL		07/15/10	07/15/11	APPROVED
		MIL-A-8625 TYPE II 2.00 Anodic Coatings for Aluminum and Aluminum Alloys (Sulfuric Acid Anodizing).	B E	N/A		07/15/10	07/15/11	APPROVED
		MIL-A-8625 TYPE III 3.00 Anodic Coatings for Aluminum and Aluminum Alloys (Hard Anodic Coatings).	B F	N/A		07/15/10	07/15/11	APPROVED
		MIL-C-5541 7.00 IMMERSION	B C	M01		07/15/10	07/15/11	APPROVED
		MIL-S-5002 CPS 34.00 SURFACE TREATMENTS AND INORGANIC COATINGS	D B	N/A	Limited to passivation per QQ-P-35.	03/18/10	04/30/11	APPROVED
		MT0501-504 CPP 6.00-6 PENETRANT INSPECTION TYPE I, METHOD A	H E	M02		07/15/10	07/15/11	APPROVED
		QQ-P-35 CPS 34.00 PASSIVATION TREATMENTS FOR CRES	C B	N/A		03/18/10	04/30/11	APPROVED
CONTINENTAL HEAT TREATING, INC. 10643 S. NORWALK BLVD SANTA FE SPRINGS, CA 90670-3821	0000001437	MA0111-303 100-15 SOLUTION HEAT TREAT OF INCONEL 718	AA E	M01		12/04/09	12/04/10	APPROVED



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CONTINENTAL HEAT TREATING, INC. 10643 S. NORWALK BLVD SANTA FE SPRINGS, CA 90670-3821	0000001437	MA0111-303 100-16 STRESS EQUALIZING INCONEL-X-750	AA D	M02		12/04/09	12/04/10	APPROVED	
		MA0111-303 100-24 AGE HARDENING INCONEL X-750	AA E	M05		12/04/09	12/04/10	APPROVED	
		MA0111-303 100-22 AGE HARDENING INCONEL 718 FOR MAX. CREEP & STRESS	AA E	M06		12/04/09	12/04/10	APPROVED	
		MA0111-303 100-23 AGE HARDEN INCON 718 FOR OPTIMUM CRYOGENIC	AA E	M07		12/04/09	12/04/10	APPROVED	
		MA0111-303 100-25 AGE HARDENING OF MP35N ALLOY	AA B	M09		12/04/09	12/04/10	APPROVED	
		MA0111-303 100-26 AGE HARDENING OF ELGILOY WIRE.	AA NC	N-A		12/04/09	12/04/10	APPROVED	
		MA0111-307 #100-14 HEAT TREAT & CRES, PRECIPITATION HARDENING	M B	M02		12/04/09	12/04/10	APPROVED	
		MA0111-307 #100-9 HEAT TREAT 15-5PH AND 17-4PH STEEL AUSTENITE	M D	M11		12/04/09	12/04/10	APPROVED	
		MA0111-307 #100-11 HEAT TREAT & CRES, PRECIPITATION HARDENING	M B	M16		17-7PH TO CONDITION CH 900	12/04/09	12/04/10	APPROVED
		MA0111-307 #100-12 PENDING SMPP UPDATE TO LATEST SPEC. REV.	M N/C	N/A		17-7PH TO CONDITION RH 1075	12/04/09	12/04/10	APPROVED
MA0111-308 100-6 ANNEALING OF ELECTRICAL STEEL.	NC NC	N/A		Continental does not have the capability to process TYPE IV Electrical Steels.	12/04/09	12/04/10	APPROVED		



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CONTINENTAL HEAT TREATING, INC. 10643 S. NORWALK BLVD SANTA FE SPRINGS, CA 90670-3821	0000001437	MIL-H-6875 101-4 Heat Treatment of Steel	C	NONE	15-5 and 17-4 to conditions H900, H1025, H1050 and H1075. Also approved for AMS-H-6875.	12/04/09	12/04/10	APPROVED
		MIL-H-6875 101-3 HEAT TREATMENT OF ALLOY STEELS	H REV B	17-7	17-7 PH to conditions RH950 & TH 1050. Also approved for AMS-H-6875.	12/04/09	12/04/10	APPROVED
		MIL-H-7199 100-17 PRECIPITATION HEAT TREAT OF COPPER - BERYLLIUM	A2 E	M02		12/04/09	12/04/10	APPROVED
DIXON HARD CHROME, INC. 11645 PENDLETON STREET SUN VALLEY, CA 91352-2502	0000016561	AMS-QQ-C-320 SMPP NO: 69 Chromium Plating (Electrodeposited)	B D	N/A		09/29/09	09/29/10	APPROVED
		QQ-C-320 SMPP NO: 69 CHROME ELECTROPLATE	B D	N/A		09/29/09	09/29/10	APPROVED
E/M COATING SERVICES 6940 FARMDALE AVENUE NORTH HOLLYWOOD, CA 91605-6286	0000015778	AMS 2700 EMCS#089 Passivation of Corrosion Resistant Steels.	C N/C	N/A	Types II & VI.	09/30/09	09/30/10	APPROVED
		MA0108-311 EMPS # 090 APPLICATION OF HIGH TEMP, HIGH EMITTANCE COATING	N/C	M01	Limitd to final cure of 1000F max. Parts requiring hihgher cure temperature (per dwg) will be sent to Bodycote Rancho Dominguez for final cure.	09/30/09	09/30/10	LIMITED
		MA0110-302 EMCS#089 PASSIVATION	F N/C	N/A	Types II & VI.	09/30/09	09/30/10	APPROVED
		MA0112-301 049 Applied Sodium Silicate Bonded Dry Film Lube	E E	N/A		09/30/09	09/30/10	APPROVED
		MA0112-302 028 Applied Resin BONDED DRY FILM LUBRICANT.	E F	N/A		09/30/09	09/30/10	APPROVED
		MIL-L-46010 N/A LUBRICANT, SOLID FILM HEAT CURED, CORROSION INHIBITING	E N/A	N/A		09/30/09	09/30/10	APPROVED



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E/M COATING SERVICES 6940 FARMDALE AVENUE NORTH HOLLYWOOD, CA 91605-6286	0000015778	QQ-P-35 TYPE II EMCS#089 CLEANING AND ETCHING MAGNESIUM	F N/C	N/A	Types II & VI.	09/30/09	09/30/10	APPROVED
EBTEC CORPORATION 120 SHOEMAKER LANE AGAWAM, MA 01001-3695	0000001949	PRO-14 PRO-14 ELECTRON BEAM FUSION WELDING	D D	N/A		12/07/09	12/07/10	APPROVED
ELECTROMATIC, INC. 7351 RADFORD AVE NORTH HOLLYWOOD, CA 91605-3715	0000002004	MA0103-308 #8-2NH&SA ELECTROPOLISHING	E REV. E	M01		07/30/10	07/30/11	APPROVED
		MA0110-302 SMPP# 8-5 Passivation of CRES/Stainless & Heat Resistant Alloys, including Inconel, (immersi	C REV. E	M12	Types II, VI, VII & VIII.	07/30/10	07/30/11	LIMITED
		QQ-P-35 #8-5 PASSIVATION TREATMENTS FOR CRES	C E	N/A	Types II, VI, VII and VIII.	07/30/10	07/30/11	LIMITED
ELECTRON BEAM WELDING, LLC 6940 HERMOSA CIRCLE BUENA PARK, CA 90620-1151	0000014355	MA0107-308 EB 1003 WELD TITANIUM-MACHINE EB	N, P01 B	M01		04/24/10	04/24/11	APPROVED
		MIL-W-46132 EBW 1007 WELDING, FUSION, ELECTRON BEAM, PROCESS FOR	N/C N/C	N/A	SMPP covers 304L CRES only.	04/24/10	04/24/11	LIMITED
		PS-0006 PS-0006 EB Welding of Pd/Ag Tubes To Nickel 200 Header (H2/H2O Separator)	B B	N/A		04/24/10	04/24/11	APPROVED
HI-TEMP INSULATION, INC. 4700 CALLE ALTO ROAD CAMARILLO, CA 93012-8556	0000002749	MIL-W-6858 NOT REQ'D PER MT0802-103 SPOT AND SEAM RESISTANCE WELDING	D N/A	N/A		05/21/10	05/21/11	APPROVED
HIXSON METAL FINISHING 829 PRODUCTION PLACE NEWPORT BEACH, CA 92663-2809	0000011265	MA0110-302 HPS 2100/2, ADDENDUM 3 PRE-PEN ETCH CRES AND NICKEL	C J	M42		09/29/09	09/29/10	APPROVED
		MA0110-302 HPS 2100/2 PRE-PEN ETCH CRES	C J	M43		09/29/09	09/29/10	APPROVED



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HIXSON METAL FINISHING 829 PRODUCTION PLACE NEWPORT BEACH, CA 92663-2809	0000011265	MT0501-504	G	M02	Not approved for Fracture Critical NDT Inspection.	09/29/09	09/29/10	APPROVED
		HPS 2200	P					
		PENETRANT INSPECTION TYPE I, METHOD A						
		QQ-S-365	D	N/A		09/29/09	09/29/10	APPROVED
		HPS 900	J					
		SILVER ELECTROPLATE						
LUBECO, INC. 6859 DOWNEY AVENUE LONG BEACH, CA 90805-1967	0000003550	MA0110-302		N/A		02/06/10	02/06/11	APPROVED
		LPS 713	D					
		CLEANING AND ETCHING MAGNESIUM						
		MA0110-302	C	M12		02/06/10	02/06/11	APPROVED
		LPS-880	K					
		Passivation of CRES/Stainless & Heat Resistant Alloys, including Inconel, (immersi						
MAROTTA CONTROLS, INC. P.O. BOX 427 MONTVILLE, NJ 07045-0427	0000003663	MA0112-302	F	N/A		02/06/10	02/06/11	APPROVED
		L224	G					
		RESIN BONDED DFL						
		MIL-A-8625	F	M02		02/06/10	02/06/11	APPROVED
		LMFPS#1	A10					
TYPE II, CLASS 1 AND 2 ANODIZE (SULFURIC)								
METAL SURFACES, INC. 6060 SHULL STREET BELL GARDENS, CA 90201-6237	0000003804	MIL-A-8625	F	N/A		02/06/10	02/06/11	APPROVED
		SMPP LMFPS #4	REV. G					
		TYPE I, ANODIZE(CHROMIC)						
MAROTTA CONTROLS, INC. P.O. BOX 427 MONTVILLE, NJ 07045-0427	0000003663	MA0110-301	J	M01		01/13/10	01/13/11	APPROVED
		B188	F					
		PRODUCT CLEANLINESS						
METAL SURFACES, INC. 6060 SHULL STREET BELL GARDENS, CA 90201-6237	0000003804	AMS-QQ-N-290	N/C	N/A		08/04/10	08/04/11	APPROVED
		SPS 448	E					
		Nickel Plating, Electrodeposited - ALL classes.						
		MIL-C-26074	E	N/A		08/04/10	08/04/11	APPROVED
		SPS 440	E					
		ELECTROLESS NICKEL PLATING						
METAL SURFACES, INC. 6060 SHULL STREET BELL GARDENS, CA 90201-6237	0000003804	QQ-N-290	A	N/A		08/04/10	08/04/11	APPROVED
		SPS 448	E					
		NICKEL PLATING						



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NATIONAL PROCESS INDUSTRIES, INC. 42250 BALDARAY CIRCLE TEMECULA, CA 92590-3631	0000004061	MA0112-301	D	N/A	Traveler Used for SMPP.	01/22/10	01/22/11	APPROVED
		BOEING APPROVED TRAVELER USED F N/A						
		SODIUM SILICATE BONDED DRYFILM LUBRICANT						
		MA0112-302	F	N/A		01/22/10	01/22/11	APPROVED
		SMPP-16	C					
		RESIN BONDED DFL						
		MIL-L-46010	E	N/A	MIL-A-46010 Appendix is used as	01/22/10	01/22/11	APPROVED
		N/A	N/A		SMPP.			
		LUBRICANT, SOLID FILM HEAT CURED, CORROSION INHIBITING						
NATIONAL TECHNICAL SYSTEMS 5320 W. 104TH STREET LOS ANGELES, CA 90045-6010	0000018524	MA0110-301	H	M01	CPP 9017 Rev. B - dated 6/7/06	03/29/10	03/29/11	LIMITED
		CPP 9017	B		(Flexible Metal Hoses- Components			
		PRODUCT CLEANLIENESS			and Assemblies with Flexible Metal			
PLASMA TECHNOLOGY, INC. 1754 CRENSHAW BOULEVARD TORRANCE, CA 90501-3384	0000004488	MA0109-317	E	N/A		03/26/10	03/26/11	APPROVED
		POP 517	NC					
		PLASMA SPRAY DEPOSITION CHROMIC OXIDE COATING						
		MA0112-304	C	N/A		03/26/10	03/26/11	APPROVED
		POP 502	A					
		PLASMA SPRAYED METALGLASS FLUORIDELUBRICANT						
PRECIOUS METALS PLATING CO., INC 2635 S. ORANGE AVENUE SANTA ANA, CA 92707-3738	0000017148	AMS 2410	J	N/A		05/17/10	05/17/11	APPROVED
		PMPR054	REV. A					
		SILVER PLATING, NICKEL STRIKE, HIGH BAKE						
PRECISION AEROSPACE CORPORATION 11155 JERSEY BLVD. SUITE A RANCHO CUCAMONGA, CA 91730-5148	0000004555	GA0103-001	A	N/A		10/09/09	10/09/10	APPROVED
		PPS 2.018	NC					
		CHEM-MILLING ALUMINUM ALLOYS						
		LA0103-003		N/A		10/09/09	10/09/10	APPROVED
		PPS 2.022	1					
		CHEMICAL MILLING OF TITANIUM ALLOYS						
		MA0103-306	A	N/A		10/09/09	10/09/10	APPROVED
		PPS 2.026	5/15/92					
		CHEM-MILLING TITANIUM ALLOYS						
		MA0103-310		N/A		10/09/09	10/09/10	APPROVED
		PPS 2.058	5/15/92					
		CHEM-MILLING CORROSION & HEAT RESISTANT ALLOYS						



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PRECISION FABRICATING & CLEANING CO.,INC 3975 E. RAILROAD AVE. COCOA, FL 32926-5975	0000004558	KSC-C-123 TP 2000 SURFACE CLEANLINESS OF FLUID SYSTEMS	H, 06 A	N/A	KSC-C-123 is for precision cleaning of KSC Designed GSE (79/80K). See MA0110-301 approval for Shuttle Flight hardware, and GSE Type I.	12/08/09	12/08/10	APPROVED
		MA0110-301 TP 2000 PRODUCT CLEANLINESS	J A	M01		12/08/09	12/08/10	APPROVED
		MA0110-302 TP 2000 Passivation of CRES/Stainless & Heat Resistant Alloys, including Inconel, (immersi	A	M12		Passivation	12/08/09	12/08/10
SAINT-GOBAIN PERFORMANCE PLASTICS 7301 ORANGEWOOD AVENUE GARDEN GROVE, CA 92841-1411	0000011985	ASTM E 1417 MSD 3002 Liquid (Dye) Penetrant Testing	N/C	N/A	Type I, Method "A" (fluorescent, water washable) only.	09/24/09	09/24/10	LIMITED
SOUTHWEST UNITED INDUSTRIES, INC. 422 SOUTH ST. LOUIS AVE TULSA, OK 74120-3418	0000005280	MIL-S-13165 N/A SHOT PEENING OF METAL PARTS	C 1 N/A	N/A		03/12/10	09/15/10	APPROVED
		QQ-C-320 SWP 102 CHROME ELECTROPLATE	B4 11/15/83	N/A		03/12/10	09/15/10	APPROVED
		QQ-P-416 SWP 101 CADMIUM ELECTROPLATE	F 1/3/84	N/A		03/12/10	09/15/10	APPROVED
ST&I, INC. 7517 JEFFERSON ST PARAMOUNT, CA 90723-4027	0000017049	MA0110-302 STI-140 ATTACHMENT 2 PRE-PEN ETCH NON-WELDED ALUMINUM	C B	M06		01/08/10	01/08/11	APPROVED
		MA0110-302 STI-133 CLEANING AND ETCHING TITANIUM ALLOYS	C D	M35		01/22/10	01/08/11	APPROVED
		MA0110-302 STI-139 PRE-PEN ETCH CRES AND NICKEL	C B	M42		01/08/10	01/08/11	APPROVED
		MA0110-302 STI-140, ATTACHMENT 1 CLEANING AND ETCHING MAGNESIUM	C B	N/A		01/08/10	01/08/11	APPROVED



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ST&I, INC. 7517 JEFFERSON ST PARAMOUNT, CA 90723-4027	0000017049	MA0111-306 N/A HYDROGEN EMBRITTLEMENT RELIEF	N/A N/A	N/A	SMPP not required.	01/08/10	01/08/11	APPROVED
TRI-PROCESS COMPANY, INC. 7718 ADAMS STREET PARAMOUNT, CA 90723-4290	0000019216	MIL-S-13165 N/A SHOT PEENING OF METAL PARTS	C N/A	N/A		08/17/09	04/30/11	APPROVED
ULTRASONIC CLEANING 20730 MAIN STREET CARSON, CA 90745-1117	0000012368	MA0110-301 UCC 821-2073 PRODUCT CLEANLINESS	G1 E	M01		05/04/10	05/04/11	APPROVED
V & M PLATING COMPANY 14024 S. AVALON BLVD LOS ANGELES, CA 90061-2692	0000006108	MA0111-306 NONE HYDROGEN EMBRITTLEMENT RELIEF	C D01 N/A	N/A	STEEL HYDROGEN EMBRITTLEMENT RELIEF AFTER PLATING	02/11/10	02/11/11	APPROVED
		QQ-C-320 #1 CHROME ELECTROPLATE	B4 9/21/84	N/A		02/11/10	02/11/11	APPROVED
VACCO INDUSTRIES, WINTEC FILTER PRODUCTS 10350 VACCO STREET S. EL MONTE, CA 91733-0096	0000019286	KSC-C-123 N/A SURFACE CLEANLINESS OF FLUID SYSTEMS	H 06 E	N/A		08/12/10	08/12/11	APPROVED
		MA0110-301 WTS 30.06 PRODUCT CLEANLINESS	J E	M01		08/12/10	08/12/11	APPROVED
		MA0110-302 WTS 27.50 CLEANING AND ETCHING MAGNESIUM	C D	N/A	Internal Support Only	08/12/10	08/12/11	APPROVED
VACCO INDUSTRIES 10350 VACCO STREET SOUTH EL MONTE, CA 91733-3399	0000006115	KSC-C-123 N/A SURFACE CLEANLINESS OF FLUID SYSTEMS	H, 6 NONE	N/A		08/12/10	08/12/11	APPROVED
WILTECH OF FLORIDA CORPORATION P.O. BOX 21052 KENNEDY SPACE CTR, FL 32815-0052	0000006365	ARP 901 OP-52 Bubble Point Testing for Filter Elements	D	N/A		04/08/10	04/08/11	APPROVED



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WILTECH OF FLORIDA CORPORATION P.O. BOX 21052 KENNEDY SPACE CTR, FL 32815-0052	0000006365	MA0103-308	E	M02	External Surface of Tubes only	04/08/10	04/08/11	LIMITED
		OP-52, SECTION 8.33.4	PCRS 1-10					
		ELECTROPOLISHING CRES						
		MA0110-301	J	M01		01/20/10	01/20/11	APPROVED
		OP-52	D					
		PRODUCT CLEANLINESS						
		MA0110-302		M01		01/20/10	01/20/11	APPROVED
		OP-52D	PCRS 1-10					
		CLEANING AND DEOXIDIZING ALUMINUM						
		QQ-P-35	B	N/A	Types I and IV only.	01/20/10	01/20/11	LIMITED
		OP-52D	PCRS 1-10					
		PASSIVATION TREATMENTS FOR CRES						

Record Count: 156