



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
PRECIOUS METALS PLATING CO., INC 2635 S. ORANGE AVENUE SANTA ANA, CA 92707-3738	0000017148	AMS 2410 PMPR054 SILVER PLATING, NICKEL STRIKE, HIGH BAKE	J REV. A	N/A		05/17/10	05/17/11	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
CHEM-TEK METAL FINISHING CORPORATION 636 ATLANTIS ROAD MELBOURNE, FL 32904-2315	0000016193	AMS 2700 CT QSD-01.3 Passivation of Corrosion Resistant Steels.	C 9	N/A	Limited to processing non-flight hardware; GSE Types II and III, STE and tooling.	10/02/09	04/30/11	LIMITED
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
BRADDOCK METALLURGICAL AEROSPACE SVCS 507 INDUSTRIAL WAY BOYNTON BEACH, FL 33426-8770	0000019633	AMS 5662 NONE REQUIRED HEAT TREATMENT OF AMS 5662 INCONEL 718 SOLUTION HEAT TREATED TC	M NONE	N/A		05/28/10	05/28/11	APPROVED
BRADDOCK METALLURGICAL AEROSPACE SVCS 507 INDUSTRIAL WAY BOYNTON BEACH, FL 33426-8770	0000019633	AMS-H-6875 CLASS D BMAS-S-01 Heat Treatment of Steel Raw Materials, Precipitation-Hardening and Maraging Steels	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
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
METAL SURFACES, INC. 6060 SHULL STREET BELL GARDENS, CA 90201-6237	0000003804	AMS-QQ-N-290 SPS 448 Nickel Plating, Electrodeposited - ALL classes.	N/C E	N/A		08/04/10	08/04/11	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
CHEM-TEK METAL FINISHING CORPORATION 636 ATLANTIS ROAD MELBOURNE, FL 32904-2315	0000016193	ASTM A 967 CT QSD-01.4 Passivation of Corrosion Resistant Steels;	9/1/2005 6	N/A	Limited to non-flight GSE Types II & III, STE and tools.	10/02/09	04/30/11	LIMITED



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
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
PRECISION AEROSPACE CORPORATION 11155 JERSEY BLVD. SUITE A RANCHO CUCAMONGA, CA 91730-5148	0000004555	GA0103-001 PPS 2.018 CHEM-MILLING ALUMINUM ALLOYS	A NC	N/A		10/09/09	10/09/10	APPROVED
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
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
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
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
PRECISION AEROSPACE CORPORATION 11155 JERSEY BLVD. SUITE A RANCHO CUCAMONGA, CA 91730-5148	0000004555	LA0103-003 PPS 2.022 CHEMICAL MILLING OF TITANIUM ALLOYS	1	N/A		10/09/09	10/09/10	APPROVED
PRECISION AEROSPACE CORPORATION 11155 JERSEY BLVD. SUITE A RANCHO CUCAMONGA, CA 91730-5148	0000004555	MA0103-306 PPS 2.026 CHEM-MILLING TITANIUM ALLOYS	A 5/15/92	N/A		10/09/09	10/09/10	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



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
WILTECH OF FLORIDA CORPORATION P.O. BOX 21052 KENNEDY SPACE CTR, FL 32815-0052	0000006365	MA0103-308 OP-52, SECTION 8.33.4 ELECTROPOLISHING CRES	E PCRS 1-10	M02	External Surface of Tubes only	04/08/10	04/08/11	LIMITED
PRECISION AEROSPACE CORPORATION 11155 JERSEY BLVD. SUITE A RANCHO CUCAMONGA, CA 91730-5148	0000004555	MA0103-310 PPS 2.058 CHEM-MILLING CORROSION & HEAT RESISTANT ALLOYS	5/15/92	N/A		10/09/09	10/09/10	APPROVED
AEROSPACE WELDING, INC. 2035 GRANVILLE AVE. LOS ANGELES, CA 90025-6103	0000010501	MA0107-305 APS-1 PERCUSSION STUD WELDING	D F	N/A		04/21/10	04/21/11	APPROVED
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
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
E/M COATING SERVICES 6940 FARMDALE AVENUE NORTH HOLLYWOOD, CA 91605-6286	0000015778	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
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MA0109-009 NONE TYPE II, CLASS 1 & 2 ANODIZING	D -	N/A		07/14/10	07/14/11	APPROVED
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MA0109-309 MPP 307 SULFURIC ACID ANODIZING (TYPE II). Simply reword what you want here...	NEW NEW	N/A		07/14/10	07/14/11	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
PLASMA TECHNOLOGY, INC. 1754 CRENSHAW BOULEVARD TORRANCE, CA 90501-3384	0000004488	MA0109-317 POP 517 PLASMA SPRAY DEPOSITION CHROMIC OXIDE COATING	E NC	N/A		03/26/10	03/26/11	APPROVED



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
MAROTTA CONTROLS, INC. P.O. BOX 427 MONTVILLE, NJ 07045-0427	0000003663	MA0110-301 B188 PRODUCT CLEANLINESS	J F	M01		01/13/10	01/13/11	APPROVED
PRECISION FABRICATING & CLEANING CO.,INC 3975 E. RAILROAD AVE. COCOA, FL 32926-5975	0000004558	MA0110-301 TP 2000 PRODUCT CLEANLINESS	J A	M01		12/08/09	12/08/10	APPROVED
WILTECH OF FLORIDA CORPORATION P.O. BOX 21052 KENNEDY SPACE CTR, FL 32815-0052	0000006365	MA0110-301 OP-52 PRODUCT CLEANLINESS	J D	M01		01/20/10	01/20/11	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
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
NATIONAL TECHNICAL SYSTEMS 5320 W. 104TH STREET LOS ANGELES, CA 90045-6010	0000018524	MA0110-301 CPP 9017 PRODUCT CLEANLINESS	H B	M01	CPP 9017 Rev. B - dated 6/7/06 (Flexible Metal Hoses- Components and Assemblies with Flexible Metal Bellows)	03/29/10	03/29/11	LIMITED
VACCO INDUSTRIES, WINTEC FILTER PRODUCTS 10350 VACCO STREET S. EL MONTE, CA 91733-0096	0000019286	MA0110-301 WTS 30.06 PRODUCT CLEANLINESS	J E	M01		08/12/10	08/12/11	APPROVED
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MA0110-302 134 PRE-PEN ETCH NON-WELDED ALUMINUM	C A, AMD. 2	M06		07/14/10	07/14/11	APPROVED
		MA0110-302 106 CLEANING AND ETCHING TITANIUM ALLOYS	C C, AMD 1	M35		07/14/10	07/14/11	APPROVED
		MA0110-302 133 PRE-PEN ETCH CRES AND NICKEL	C A, AMD 1	M42		07/14/10	07/14/11	APPROVED



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
ELECTROMATIC, INC. 7351 RADFORD AVE NORTH HOLLYWOOD, CA 91605-3715	000002004	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
LUBECO, INC. 6859 DOWNEY AVENUE LONG BEACH, CA 90805-1967	000003550	MA0110-302 LPS 713 CLEANING AND ETCHING MAGNESIUM	D	N/A		02/06/10	02/06/11	APPROVED
		MA0110-302 LPS-880 Passivation of CRES/Stainless & Heat Resistant Alloys, including Inconel, (immersi	C K	M12		02/06/10	02/06/11	APPROVED
PRECISION FABRICATING & CLEANING CO.,INC 3975 E. RAILROAD AVE. COCOA, FL 32926-5975	000004558	MA0110-302 TP 2000 Passivation of CRES/Stainless & Heat Resistant Alloys, including Inconel, (immersi	A	M12	Passivation	12/08/09	12/08/10	LIMITED
WILTECH OF FLORIDA CORPORATION P.O. BOX 21052 KENNEDY SPACE CTR, FL 32815-0052	000006365	MA0110-302 OP-52D CLEANING AND DEOXIDIZING ALUMINUM	PCRS 1-10	M01		01/20/10	01/20/11	APPROVED
AEROSPACE WELDING, INC. 2035 GRANVILLE AVE. LOS ANGELES, CA 90025-6103	0000010501	MA0110-302 APS-1(6858-1) CLEAN ALUMINUM ALLOYS-OWN USE ONLY	C F	M04		04/21/10	04/21/11	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
E/M COATING SERVICES 6940 FARMDALE AVENUE NORTH HOLLYWOOD, CA 91605-6286	0000015778	MA0110-302 EMCS#089 PASSIVATION	F N/C	N/A	Types II & VI.	09/30/09	09/30/10	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



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
ST&I, INC. 7517 JEFFERSON ST PARAMOUNT, CA 90723-4027	0000017049	MA0110-302	C	M35		01/22/10	01/08/11	APPROVED
		STI-133	D					
		CLEANING AND ETCHING TITANIUM ALLOYS						
		MA0110-302	C	M42		01/08/10	01/08/11	APPROVED
		STI-139	B					
		PRE-PEN ETCH CRES AND NICKEL						
		MA0110-302	C	N/A		01/08/10	01/08/11	APPROVED
		STI-140, ATTACHMENT 1	B					
		CLEANING AND ETCHING MAGNESIUM						
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						
VACCO INDUSTRIES, WINTEC FILTER PRODUCTS 10350 VACCO STREET S. EL MONTE, CA 91733-0096	0000019286	MA0110-302	C	N/A	Internal Support Only	08/12/10	08/12/11	APPROVED
		WTS 27.50	D					
		CLEANING AND ETCHING MAGNESIUM						
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						
		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						



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
ASTRO ALUMINUM TREATING CO., INC. 11040 PALMER AVENUE SOUTHGATE, CA 90280-7497	0000000558	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		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								
<hr/>								
BODYCOTE THERMAL PROCESSING 7474 GARDEN GROVE BLVD. WESTMINSTER, CA 92683-2298	0000017921	MA0111-301		M02		06/02/09	12/02/10	APPROVED
		BTP-WI 09.07.00	11/1/01					
		SOLUTION HEAT TREAT OF 2024 ALUMINUM						
MA0111-301		M03		06/02/09	12/02/10	APPROVED		
BTP-WI 09.07.00	11/1/01							
PRECIPITATION HEAT TREAT OF 2024 ALUMINUM								
MA0111-301		M14		06/02/09	12/02/10	APPROVED		
BTP-WI 09.07.00	11/1/01							
PRECIPITATION HEAT TREATMENT 7075-T6XXX ALUM								
<hr/>								
CONTINENTAL HEAT TREATING, INC. 10643 S. NORWALK BLVD SANTA FE SPRINGS, CA 90670-3821	0000001437	MA0111-303	AA	M01		12/04/09	12/04/10	APPROVED
		100-15	E					
SOLUTION HEAT TREAT OF INCONEL 718								
MA0111-303	AA	M02		12/04/09	12/04/10	APPROVED		
100-16	D							
STRESS EQUALIZING INCONEL-X-750								



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
CONTINENTAL HEAT TREATING, INC. 10643 S. NORWALK BLVD SANTA FE SPRINGS, CA 90670-3821	0000001437	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
BRADDOCK METALLURGICAL AEROSPACE SVCS 507 INDUSTRIAL WAY BOYNTON BEACH, FL 33426-8770	0000019633	MA0111-303 LHT R-3 SOLUTION HEAT TREAT OF INCONEL 718	AB 07-15-86	M01		05/28/10	05/28/11	APPROVED
		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
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



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
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
CONTINENTAL HEAT TREATING, INC. 10643 S. NORWALK BLVD SANTA FE SPRINGS, CA 90670-3821	0000001437	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
BRADDOCK METALLURGICAL AEROSPACE SVCS 507 INDUSTRIAL WAY BOYNTON BEACH, FL 33426-8770	0000019633	MA0111-307 LHT-R4 HEAT TREAT & CRES, PRECIPITATION HARDENING	M C	M03		05/28/10	05/28/11	APPROVED
CONTINENTAL HEAT TREATING, INC. 10643 S. NORWALK BLVD SANTA FE SPRINGS, CA 90670-3821	0000001437	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
NATIONAL PROCESS INDUSTRIES, INC. 42250 BALDARAY CIRCLE TEMECULA, CA 92590-3631	0000004061	MA0112-301 BOEING APPROVED TRAVELER SODIUM SILICATE BONDED DRYFILM LUBRICANT	D N/A	N/A	Traveler Used for SMPP.	01/22/10	01/22/11	APPROVED
E/M COATING SERVICES 6940 FARMDALE AVENUE NORTH HOLLYWOOD, CA 91605-6286	0000015778	MA0112-301 049 Applied Sodium Silicate Bonded Dry Film Lube	E E	N/A		09/30/09	09/30/10	APPROVED
LUBECO, INC. 6859 DOWNEY AVENUE LONG BEACH, CA 90805-1967	0000003550	MA0112-302 L224 RESIN BONDED DFL	F G	N/A		02/06/10	02/06/11	APPROVED



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
NATIONAL PROCESS INDUSTRIES, INC. 42250 BALDARAY CIRCLE TEMECULA, CA 92590-3631	0000004061	MA0112-302 SMPP-16 RESIN BONDED DFL	F C	N/A		01/22/10	01/22/11	APPROVED
E/M COATING SERVICES 6940 FARMDALE AVENUE NORTH HOLLYWOOD, CA 91605-6286	0000015778	MA0112-302 028 Applied Resin BONDED DRY FILM LUBRICANT.	E F	N/A		09/30/09	09/30/10	APPROVED
PLASMA TECHNOLOGY, INC. 1754 CRENSHAW BOULEVARD TORRANCE, CA 90501-3384	0000004488	MA0112-304 POP 502 PLASMA SPRAYED METALGLASS FLUORIDELUBRICANT	C A	N/A		03/26/10	03/26/11	APPROVED
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MIL-A-8625 TYPE I MPP 303 Chromic Anodizing Of Aluminum	NEW B	NULL		07/14/10	07/14/11	APPROVED
COAST PLATING, INC. 128 W. 154TH STREET GARDENA, CA 90248-2202	0000012247	MIL-A-8625 TYPE I CSP 1.00 Chromic Anodizing Of Aluminum	B F	NULL		07/15/10	07/15/11	APPROVED
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MIL-A-8625 TYPE II MPP 302 Anodic Coatings for Aluminum and Aluminum Alloys (Sulfuric Acid Anodizing).	NEW N/C, AMD 1	N/A	Dichromate seal only.	07/14/10	07/14/11	APPROVED
COAST PLATING, INC. 128 W. 154TH STREET GARDENA, CA 90248-2202	0000012247	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
CHEM-TEK METAL FINISHING CORPORATION 636 ATLANTIS ROAD MELBOURNE, FL 32904-2315	0000016193	MIL-A-8625 TYPE II CT QSD-01.1 Anodic Coatings for Aluminum and Aluminum Alloys (Sulfuric Acid Anodizing).	9/1/2005 12	N/A	Limited to Non-flight (GSE Types II & II, STE, Tools).	10/02/09	04/30/11	LIMITED
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MIL-A-8625 TYPE III MPP 150 Anodic Coatings for Aluminum and Aluminum Alloys (Hard Anodic Coatings).	NEW AMD 1	N/A	Cannot hard anodize inner diameter (ref. V070-573046-001 Housing).	07/14/10	07/14/11	APPROVED
COAST PLATING, INC. 128 W. 154TH STREET GARDENA, CA 90248-2202	0000012247	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



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
CHEM-TEK METAL FINISHING CORPORATION 636 ATLANTIS ROAD MELBOURNE, FL 32904-2315	0000016193	MIL-A-8625 TYPE III CT QSD-01.1 Anodic Coatings for Aluminum and Aluminum Alloys (Hard Anodic Coatings).	9/1/2005 4	N/A	Limited to Non-flight (GSE Types II & II, STE, Tools).	10/02/09	04/30/11	LIMITED
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MIL-A-8625 MPP 302 TYPE II, ANODIZE	NEW NEW	N/A	Dichromate seal only.	07/14/10	07/14/11	APPROVED
LUBECO, INC. 6859 DOWNEY AVENUE LONG BEACH, CA 90805-1967	0000003550	MIL-A-8625 LMFPS#1 TYPE II, CLASS 1 AND 2 ANODIZE (SULFURIC)	F A10	M02		02/06/10	02/06/11	APPROVED
		MIL-A-8625 SMPP LMFPS #4 TYPE I, ANODIZE(CHROMIC)	F REV. G	N/A		02/06/10	02/06/11	APPROVED
BODYCOTE THERMAL PROCESSING 11845 BURKE STREET SANTA FE SPRINGS, CA 90670-2537	0000015243	MIL-B-7883 MPP7883 BRAZING OF STEELS, COPPER, COPPER ALLOYS NICKEL ALLOYS, ALUMINL	C B	N/A		10/12/09	10/12/10	APPROVED
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
METAL SURFACES, INC. 6060 SHULL STREET BELL GARDENS, CA 90201-6237	0000003804	MIL-C-26074 SPS 440 ELECTROLESS NICKEL PLATING	E E	N/A		08/04/10	08/04/11	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
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MIL-C-5541 MPP 301 Chem Film, Immersion Method	E D	M01		07/14/10	07/14/11	APPROVED
COAST PLATING, INC. 128 W. 154TH STREET GARDENA, CA 90248-2202	0000012247	MIL-C-5541 7.00 IMMERSION	B C	M01		07/15/10	07/15/11	APPROVED



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
CHEM-TEK METAL FINISHING CORPORATION 636 ATLANTIS ROAD MELBOURNE, FL 32904-2315	0000016193	MIL-C-5541 CT QSD-01.3 Chemical Conversion Coatings on Aluminum and Aluminum Alloys	E 9	N/A	Limited to Non-flight (GSE Types II & II, STE, Tools).	10/02/09	04/30/11	LIMITED
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MIL-C-8837 #501 VACUUM CADMIUM PLATE	A3	N/A		07/14/10	07/14/11	APPROVED
ASTRO ALUMINUM TREATING CO., INC. 11040 PALMER AVENUE SOUTHGATE, CA 90280-7497	0000000558	MIL-H-6088 SEE LIMITATIONS HEAT TREAT OF ALUMINUM	G, AMD 1 SEE MA0S	N/A	LIMITATIONS: USE SAME SMPP's FOR MA0111-301 SMPP's LISTED.	03/26/10	03/26/11	APPROVED
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
BRADDOCK METALLURGICAL AEROSPACE SVCS 507 INDUSTRIAL WAY BOYNTON BEACH, FL 33426-8770	0000019633	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
CONTINENTAL HEAT TREATING, INC. 10643 S. NORWALK BLVD SANTA FE SPRINGS, CA 90670-3821	0000001437	MIL-H-7199 100-17 PRECIPITATION HEAT TREAT OF COPPER - BERYLLIUM	A2 E	M02		12/04/09	12/04/10	APPROVED
BRADDOCK METALLURGICAL AEROSPACE SVCS 507 INDUSTRIAL WAY BOYNTON BEACH, FL 33426-8770	0000019633	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



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
CEDTECH TESTING LABORATORIES 10708 S. GARFIELD AVE. SOUTH GATE, CA 90280-7328	0000012246	MIL-I-6866 CED-PT-200-504 PENETRANT INSPECTION	B3 B	N/A		05/19/10	05/19/11	APPROVED
NATIONAL PROCESS INDUSTRIES, INC. 42250 BALDARAY CIRCLE TEMECULA, CA 92590-3631	000004061	MIL-L-46010 N/A LUBRICANT, SOLID FILM HEAT CURED, CORROSION INHIBITING	E N/A	N/A	MIL-A-46010 Appendix is used as SMPP.	01/22/10	01/22/11	APPROVED
E/M COATING SERVICES 6940 FARMDALE AVENUE NORTH HOLLYWOOD, CA 91605-6286	0000015778	MIL-L-46010 N/A LUBRICANT, SOLID FILM HEAT CURED, CORROSION INHIBITING	E N/A	N/A		09/30/09	09/30/10	APPROVED
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
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
COAST PLATING, INC. 128 W. 154TH STREET GARDENA, CA 90248-2202	0000012247	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
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
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
CEDTECH TESTING LABORATORIES 10708 S. GARFIELD AVE. SOUTH GATE, CA 90280-7328	0000012246	MIL-STD-6866 CED-PT-200-504 INSPECTION, LIQUID PENETRANT	B3 B	N/A		05/19/10	05/19/11	APPROVED
ELECTRON BEAM WELDING, LLC 6940 HERMOSA CIRCLE BUENA PARK, CA 90620-1151	0000014355	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



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
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
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	MT0501-504 203 PENETRANT INSPECTION TYPE I, METHOD A	F C1	M02	Not approved for Fracture Critical NDT Inspection.	07/14/10	07/14/11	LIMITED
HIXSON METAL FINISHING 829 PRODUCTION PLACE NEWPORT BEACH, CA 92663-2809	0000011265	MT0501-504 HPS 2200 PENETRANT INSPECTION TYPE I, METHOD A	G P	M02	Not approved for Fracture Critical NDT Inspection.	09/29/09	09/29/10	APPROVED
CEDTECH TESTING LABORATORIES 10708 S. GARFIELD AVE. SOUTH GATE, CA 90280-7328	0000012246	MT0501-504 CED-PT-200-504 PENETRANT INSPECTION TYPE I, METHOD A	E2 B	M02		05/19/10	05/19/11	APPROVED
COAST PLATING, INC. 128 W. 154TH STREET GARDENA, CA 90248-2202	0000012247	MT0501-504 CPP 6.00-6 PENETRANT INSPECTION TYPE I, METHOD A	H E	M02		07/15/10	07/15/11	APPROVED
AIRCRAFT X-RAY LABORATORIES, INC. 5216 PACIFIC BLVD HUNTINGTON PARK, CA 90255-2529	0000019189	MT0501-504 QPP-101 PENETRANT INSPECTION TYPE I, METHOD A	A E	M02	Not approved for fracture critical.	10/28/09	10/28/10	APPROVED
CEDTECH TESTING LABORATORIES 10708 S. GARFIELD AVE. SOUTH GATE, CA 90280-7328	0000012246	MT0501-507 CED-RT-100-507 RADIOGRAPHIC INSPECTION ASSEMBLIES,GENERAL	A A	M04		05/19/10	05/19/11	APPROVED
AIRCRAFT X-RAY LABORATORIES, INC. 5216 PACIFIC BLVD HUNTINGTON PARK, CA 90255-2529	0000019189	MT0501-507 QPP-101 RADIOGRAPHIC INSPECTION ASSEMBLIES,GENERAL	A E	M04	Not approved for fracture critical.	10/28/09	10/28/10	APPROVED
CEDTECH TESTING LABORATORIES 10708 S. GARFIELD AVE. SOUTH GATE, CA 90280-7328	0000012246	MT0501-508 CED-PT-200-504B, SUPP. B Nondestructive Testing Requirements For Materials & Processed Parts, Fracture C	E D	M01	Approved for Fracture Critical Inspection, using, dye penetrant (ref: MT0501-504).	05/19/10	05/19/11	APPROVED



Quality

ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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	MT0501-509 204 MAGNETIC PARTICLE INSPECTION	E NC1	M01	Not approved for Fracture Critical NDT Inspection.	07/14/10	07/14/11	APPROVED
CEDTECH TESTING LABORATORIES 10708 S. GARFIELD AVE. SOUTH GATE, CA 90280-7328	0000012246	MT0501-509 CED-MPI-300 MAGNETIC PARTICLE INSPECTION	D A	M01		05/19/10	05/19/11	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
ELECTRON BEAM WELDING, LLC 6940 HERMOSA CIRCLE BUENA PARK, CA 90620-1151	0000014355	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
SOUTHWEST UNITED INDUSTRIES, INC. 422 SOUTH ST. LOUIS AVE TULSA, OK 74120-3418	0000005280	QQ-C-320 SWP 102 CHROME ELECTROPLATE	B4 11/15/83	N/A		03/12/10	09/15/10	APPROVED
V & M PLATING COMPANY 14024 S. AVALON BLVD LOS ANGELES, CA 90061-2692	0000006108	QQ-C-320 #1 CHROME ELECTROPLATE	B4 9/21/84	N/A		02/11/10	02/11/11	APPROVED
DIXON HARD CHROME, INC. 11645 PENDLETON STREET SUN VALLEY, CA 91352-2502	0000016561	QQ-C-320 SMPP NO: 69 CHROME ELECTROPLATE	B D	N/A		09/29/09	09/29/10	APPROVED
METAL SURFACES, INC. 6060 SHULL STREET BELL GARDENS, CA 90201-6237	0000003804	QQ-N-290 SPS 448 NICKEL PLATING	A E	N/A		08/04/10	08/04/11	APPROVED
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
ELECTROMATIC, INC. 7351 RADFORD AVE NORTH HOLLYWOOD, CA 91605-3715	0000002004	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



ORBITER ELEMENT APPROVED CONTROLLED PROCESSOR LIST - SPEC

This list is only applicable for processing Orbiter element hardware.

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
WILTECH OF FLORIDA CORPORATION P.O. BOX 21052 KENNEDY SPACE CTR, FL 32815-0052	0000006365	QQ-P-35 OP-52D PASSIVATION TREATMENTS FOR CRES	B PCRS 1-10	N/A	Types I and IV only.	01/20/10	01/20/11	LIMITED
COAST PLATING, INC. 128 W. 154TH STREET GARDENA, CA 90248-2202	0000012247	QQ-P-35 CPS 34.00 PASSIVATION TREATMENTS FOR CRES	C B	N/A		03/18/10	04/30/11	APPROVED
CHEM-TEK METAL FINISHING CORPORATION 636 ATLANTIS ROAD MELBOURNE, FL 32904-2315	0000016193	QQ-P-35 CT QSD-01.3 PASSIVATION TREATMENTS FOR CRES	9/1/2005 g	N/A	Limited to Non-flight (GSE Types II & II, STE, Tools).	10/02/09	04/30/11	LIMITED
AAA PLATING & INSPECTION, INC. 424 DIXON STREET COMPTON, CA 90222-1420	0000000048	QQ-P-416 401 CADMIUM ELECTROPLATE	F C, AMD 1	N/A	Types I and II, no approved SMPP for Type III.	07/14/10	07/14/11	LIMITED
SOUTHWEST UNITED INDUSTRIES, INC. 422 SOUTH ST. LOUIS AVE TULSA, OK 74120-3418	0000005280	QQ-P-416 SWP 101 CADMIUM ELECTROPLATE	F 1/3/84	N/A		03/12/10	09/15/10	APPROVED
HIXSON METAL FINISHING 829 PRODUCTION PLACE NEWPORT BEACH, CA 92663-2809	0000011265	QQ-S-365 HPS 900 SILVER ELECTROPLATE	D J	N/A		09/29/09	09/29/10	APPROVED

Record Count: 156