

# List of Specifications and Primes Approvals

Treatments	NADCAP	BELL HELICOPTER TEXTRON	BOMBARDIER	CURTIS WRIGHT SYSTEM	MESSIER-DOWTY	RAYTHEON	MOOG	GOODRICH	PRATT & WHITNEY	BOEING	HEROUX-DEVTEK	SUMITOMO
Anodize-Chromic	AMS 2470 MIL-A-8625	BPS 4001	BAPS 160-010 PPS 32.03	MIL-A8625	AMS 2470 MIL-A-8625 PS 13201 PPS 32.03	BAEP 0002			AMS 2470	MIL-A-8625 PS13201	HPS-111 MIL-A-8625	
Anodize-Hard	MIL-A-8625 AMS 2469	BPS 4387	PPS 32.04 BAPS 160-023	MIL-A8625	AMS 2406 DEF STAN 03-26 MIL-A-8625 PS 13208 PPS 32.04			MIL-A-8625 *L	AMS 2468 AMS 2469	MIL-A-8625 DPS11.04 PS13208	HPS-143 MIL-A-8625	MIL-A-8625
Anodize-Sulfuric	MIL-A-8625 AMS 2471		BAPS 160-032*L	MIL-A8625	AMS 2471 MIL-A-8625 PS 102-2			MIL-A-8625 *L		MIL-A-8625 DPS11.05	HPS-110 MIL-A-8625	MIL-A-8625
Anodize-Titanium										HP 4-124		
Black Oxide		BPS 4084										
Brush Cadmium	MIL-STD-865	BPS 4312	BAPS 160-031		PS 137 DCMP 131		MIL-STD-865	MIL-STD-865		DPS9.89	MIL-STD-865*L	
Chemical Coating	MIL-DTL-16232 MIL-DTL-5541 AMS 2473	BPS 4003 BPS 4182	BAPS 160-020 BAPS 160-040 MPS 160-111	MIL-DTL-5541	MIL-C-5541 PPS 32.01	MIL-C-5541		MIL-DTL-5541	AMS 2473 (A) AMS 2474 (A) AMS 2477 (A) AMS 2475 (Mg)	MIL-C-5541 BACS719 PS 13209	HPS-113	
Cleaning	Acid Cleaning Alkaline Cleaning Solvent Cleaning Titanium Cleaning (Acid and Alkaline)	BPS 4138 BPS 4357	MPS 180-01 MPS 180-11 BAPS 180-030 MPS 180-31 MPS 180-32 PPS 31.05 PPS 32.01		PS 12050						HPS-187	
Electropolish		BPS 4501	BAPS 160-036									
HVOF		BPS 4463						LGPS 1301 (1)				
HVOF Grinding								LGPS 7010 (1)				
HVOF Stripping								LGPS 1300 (1)				
Laboratory			BAPS 168-013 CTS 0002-1A CTS 0002-1B CTS 0002-5A CTS 0002-5B CTS 0002-5E							ASTM-B-117		
NDT	MIL-STD-867 AND Natl Pre-Penetant Temper	BPS 4075 BPS 4089 BPS 4092 BPS 4453	BAPS 176-002 BAPS 176-004 BAPS 176-014 MPS 250-301 MPS 250-302 PPS 20.01 PPS 20.03	ASTM-E-1444 AMS 2649 BSS 7039 BSS 7040	PCS 3100 PCS 3600 ASTM-E-1417 ASTM-E-1444 MIL-STD-6866 MPS 250-301 NDT 3/8 PS 21201 PS 21202 PPS 20.01 PPS 20.03	BAEP 2502 BAEP 2501 BAEP 4544	MIL-STD-867 ASTM-E-1444	ASTM-E-1417 ASTM-E-1444 LGPS-3000 MIL-STD-867	CFPM-1 CFPM-4 CFPM-5 CFPM-6 CMPM CMPM101	BSS7040 MIL-STD-1949 MIL-I-6868 BSS7039 MIL-STD-6866 MIL-I-6866 NAS410 DPS4.704 DPS4.707 DPS4.715 HP6-13 PS21201 PS21202 PS21205	HPS-117 HPS-106 HPS-118 ASTM-E-1444 ASTM-E-1417 MIL-STD-867	HJPS-T005*L ASTM-E-1417 AMS 2649
Painting (Primer and Topcoat)	DOD-P-15328 MIL-C-22750 MIL-C-46168 MIL-C-8514 MIL-C-85285 MIL-L46010 MIL-L-81329 MIL-L-8937 MIL-P-23377 MIL-PRF-23337	BPS 4325* BPS 4427* BPS 4465* BPS 4464* BPS 4451*	PPS 34.08 BAPS 138-043 BAPS 138-044 MPS 137-26 BAPS 138-046*		DCMP 152 DCMP 214 PCS 2500 PPS 34.08 PS 18021 PS 13630			MIL-F-18624		DPS4.50-127	HPS-170 HPS-211 MIL-F-18624	
Passivate	AMS 2700 ASTM-A-380 ASTM-A-967	BPS 4007	BAPS 180-015 PPS 31.05	QQ-P-35 AMS 2700	QQ-P-35 DCMP 141 AMS 2700 PPS 31.05			ASTM-A-967 AMS-2700		PS 13001*	HPS-190 AMS-QQ-P-35	HJPS-6005
Phosphatize	TT-G-490	BPS 4384	BAPS 160-006									MIL-STD-16232
Plating-Bake	AMS 2412		MPS 250-342*L					CP-0480 AMS-H-6875				
Plating-Cadmium	AMS 2400 MIL-STD-870	BPS 4006	MPS 160-8 MPS 160-27 MPS 250-28*L PPS 33.01	CPS 6004 CPS 6007 CPS 6616 AMS-QQ-P-416	DCMP 172 PS 13144 AMS-QQ-P-416	AMS-QQ-P-416	AMS-QQ-P-416	AMS-QQ-P-416 MIL-STD-870 LGPS 1100	AMS 2400	QQ-P-416 DPS9.28 DPS9.28-1 PS 13144 PS 13101	HPS-135 MIL-STD-870 QQ-P-416	AMS-QQ-P-416
Plating-Copper	AMS 2418	BPS 4110	MPS 160-21		PS 106 PS 106-1 PS 106-2 PS 106-3 PS 106-4	BAEP 1520	MIL-C-14550 AMS 2418	AMS-2418 MMC-194	AMS 2418			
Plating-Electroless Nickel	MIL-C-26074 AMS 2404		BAPS 160-026*L		PS 13105 MIL-C-26074		AMS-C-26074 AMS 2404	AMS-2404		MIL-C-26074	HPS-105 AMS-C-26074	
Plating-Nickel	AMS 2424 AMS-QQ-N-290				AMS 2424 QQ-N-290 DCMP 211			AMS 2403 AMS 2424	AMS 2424	PS13112	HPS-102 QQ-N-290	
Plating - Nickel-Cadmium									AMS 2416			
Plating-Silver	AMS 2410 AMS 2411 AMS 2412	BPS 4529	BAPS 160-024				AMS 2412	ASTM-B-700	AMS 2410 POST-BAKING BY VAC AERO AMS 2411 AMS 2412			
Plating-Tin			BAPS 160-39*L						AMS 2408			
Plating-Zinc									AMS 2402			
Shot Peening		BPS 4409	BAPS 185-002*L BAPS 180-029		AMS 2430 DCMP 136 PCS 2300 PS 123	BAEP 2001 BAEP 2009 BAEP 2002		AMS 2430 CPC-6400			HPS-126	HJPS-8001
Solid film	MIL-L-46010 MIL-L-81329	BPS 4310	MPS 161-06 MPS 161-07 MPS 161-08		PS 18021			MMC-155 MIL-PRF-46010			MIL-PRF-46010	
Stress Relief			MPS 168-15*L BAPS 168-006 MPS 250-342*L		PS 23401	BAEP 9009		AMS-H-6875*L CP-0480		DPS 5.00-1 LO DPS 5.00-1 HI DPS 5.00-2 PS15063	HPS 129 SAE-AMS-H-6875	HJPS-5004

N.B. (1) - Hitemco qualified at CP Tech site  
 (2) - Specification with note 2 are in progress to be qualified  
 (\*L) - Approved with limitation  
 (\*) - Compliance with no Approval required

In case of conflict between CP Tech spec's system and this list, the last one shall take precedence except for specification on "Conditional".

This document is kept updated only on the CP Tech Server.

Revised on June 22, 2009