

**CURTISS -
WRIGHT**

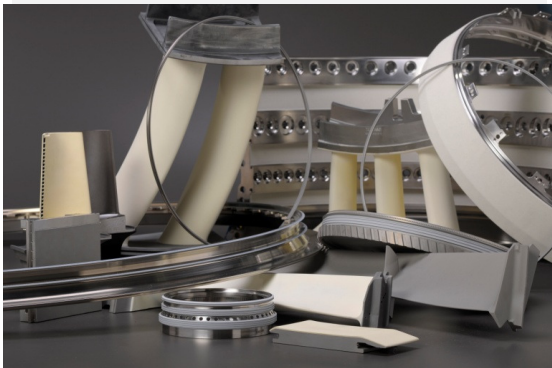
Surface Technologies

www.cwst.com

COMPANY PROFILE

Curtiss-Wright Surface Technologies (CWST) offers a single source solution and point of contact for all your surface treatments. We can reduce your turnaround times and costs through our network of over 75 worldwide facilities.

Our proven surface treatments meet industry demands for lighter materials, improved performance and life extension in key markets such as Aerospace, Automotive, Energy and Medical. We can prevent premature failures due to fatigue, corrosion, wear, galling and fretting.



Surface Technologies is a Division of Curtiss-Wright (NYSE: CW) a global innovative company that delivers highly engineered, critical function products and services to the commercial, industrial, defense and energy markets. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing reliable solutions through trusted customer relationships.

**CURTISS -
WRIGHT**

Locations



East Windsor, CT



Wilmington, MA



Duncan, SC



Pearland, TX



Phoenix, AZ

For more information on all our services and full worldwide contact details: www.cwst.com

Thermal Spray Coatings

- *Plasma Spray*
- *Cold Spray*
- *Electric Arc Spraying*
- *High Velocity Oxy-Fuel Spraying (HVOF)*
- *Wire Flame Spray*
- *Wire Arc Spray*
- *Powder Flame Spray*
- *Solution Plasma Spray*

Finishing and Machining

- *Dry Film Lube*
- *Brushing*
- *Honing*
- *Polishing*
- *Sanding*
- *Vibratory*

Inspecting and Testing

- *Full Metallurgical Lab*
- *Eddy Current*
- *Fluorescent Penetrant*
- *Gaging and Dimensioning*

Inspecting and Testing (Continued)

- *Laser Holography*
- *Moment Weigh*
- *NDT (FPI) Air Flow*
- *Profilometer*
- *Capture 3D*

Other Service Operations

- *Shot Peening*
- *Steel Shot Peening*
- *Coating Removal*
- *Caustic Coating Removal*
- *Electrolytic Coating Removal*
- *Aluminum Oxide Blasting*
- *Flow Checking*
- *Glass Bead Peening*
- *Grit Blasting*
- *Vacuum Heat Treating*
- *Sealing*
- *Mechanical Stripping*
- *Welding*
- *Brazing*

Thermal Spray Coating Specifications

East Windsor, Connecticut Facility					
NADCAP	AC7109 Thermal Spray	Stripping Coating Evaluation	Heat Treat Hardness		
ISO 9001	Quality Systems				
SAE AS9100	Quality Systems				
Allied Signal/Garrett (Honeywell)	EMS 52353	EMS 52521	FP5045	GPS3227	
	EMS 52432	EMS 57737	FP 5088	PNCP52519	
	EMS 52467	EMS 57750	FP5091	PNCP52551	
	EMS 52510	EMS 57753			
Allison/Rolls-Royce	EDS1306	EMS70013	EPS10422	EPS10473	
	EMS39660	EPS10411	EPS10423	EPS10479	
	EMS39662	EPS10414	EPS10430	EPS10483	
	EMS56755	EPS10416	EPS10431	EPS10498	
	EMS56757	EPS10417	EPS10436	EPS10505	
	EMS56764	EPS10418	EPS10438	EPS10540	
	EMS56765	EPS10419	EPS10456	RRU5	
	EMS56771	EPS10420	EPS10462	RRU6	
	MSRR9507/1	MSRR9507/5	MSRR9507/54	MSRR9507/66	
	MSRR9969	RPS367	RPS386	RRQ2	
	RPS300	RPS427/26	RPS427/31	RPS629	
	RPS392	RRP51000	RRP58007	RRP50000	
Alstom	91-328A8664				
Boeing	HP4-66	BAC 5851	PS13152		
	HP2-8		PS15989		
Dresser-Rand	PS-0321	015-206-009			
General Electric	F50TF Series	GT-193 for Thermal Spray	P16A-AG6	P16B-AG15	
	GT-193 Coating Evaluation	GT-193 Heat Treat Vacuum	P16B-AG3	P16TF5	
	GT-193 Stripping / Leeching	P10TF1	P16B-AG8	P28TF6	
	S1000	Chem. Stripping for P4-TE20, P4TF5	P16B-AG11	P16B-AL2105	
Hamilton Standard	HMS2	HS427	HS806	HS4412	
	HMS2447-2	HS15580			
Honeywell	A6712	M3955	M3961	M3966	
	M3951	M3956	M3962	P6400	
	M3952	M3958	M3963	P6405	
	M3953	M3959	M3964		
	M3954	M3960	M3965		
Stryker	HPS 5022, HPS 12022	IMS0113, IMS0131	OS 167, OS747		
Messier-Dowty	DCMP 203				
Military	NAS 410	MIL-STD-1535	MIL-P-83348		
Pratt & Whitney	LCS	PWA53-16	PWA53-46	PWA 255	
	QA-101 (PWES)	PWA53-17	PWA53-47	PWA 257-1	
	PWA 44	PWA53-18	PWA53-69	PWA 257-2	
	PWA53-1	PWA53-18	PWA53-78	PWA 261	
	PWA53-2	PWA53-20	PWA-72	PWA 262	
	PWA53-5	PWA53-21	PWA74-1	PWA 265	
	PWA53-7	PWA53-22	PWA74-2	PWA 271	
	PWA53-10	PWA53-33	PWA75-1	PWA 277	
	PWA53-11	PWA53-35	PWA 110-2,-4,-21	PWA474	
	PWA53-13	PWA53-37	PWA 253-1	PWA 36206-1	
	PWA53-15	PWA53-38	PWA 254-1	ASQR-01	
				ASQR-09.1	
	Pratt & Whitney Canada	CPS 107	CPW 33	CPW 385	CPW 672
		CPW 693	CPW 716		
Sikorsky Aircraft	SS8491	SS9212			
Siemens	PDS 8362A3	PDS 83269A4	PDS 83336AA	PDS 83336Z2	
	PDS 83262AP	PDS 83324Z1	PDS 83336AB	PDS 83336Z5	
	PDS 83269A3	PDS 83324Z2	PDS 83336AC		

Wilmington, Massachusetts Facility

NADCAP	AS 9000 (AC7004) AC7109 Thermal Spray Coating	AC7117 Shot Peening Peen Forming	Laboratory Evaluation Glass Bead Peening	
GEAE	GT-193 for Shot or Glass Peening	GT-193 for Thermal Spray Coating	GT-193 for Coating Evaluation	S1000
General Electric	AMS 2430 AMS 13165 F50TF Series D50TF9	P3TF23 P11TF3 P11TF4 P11TF8	P16B-AG3 P16B-AG8 P16B-AG11 P16TF5	P28TF4 P28TF6 S 1000 6061 Aluminum
Innovent	ELD.SP.FS2 (MPP St. Steel) ELD.SP.FS1 (MPP 3000 Moly)			
Rolls-Royce	MSRR9969 RRP50000	RPS367 RRP51000	RPS386 RRP56001	RPS392 RRP58007
Siemens	Cut wire Peen	HVOF Coating	Root Peen	

Duncan, South Carolina Facility

NADCAP	Thermal Spray Coating	Heat Treating	Laboratory Evaluation	
ISO 9001	Quality Systems			
SAE AS9100	Quality Systems			
Allison/Rolls Royce	EDS 1306 EPS 10411 EPS 10416	EPS 10417 EPS 10418 EPS 10419	EPS 10474 EPS 10479 EPS 10540	EPS 10475 SABRe RRP51000
Alstom/Parker	APMW00043 APMW00048 HTCT650525	HTCT650561 HTCT650562 HTCT650563	HTCT650507 HTCT116413	
BASF	SPB-313058	SPB-313059		
Boeing	BAC5851			
General Electric	F50TF5 CL-A, B & C B50TF56 CL-A A50TF87 CL-A, CL-B	P16A-AG6 P16B-AG3 P16B-AG5	P16B AG 11 P16B AG12 P16B-AG15	P16B AG25 P16TF5 P28TF6
Siemens	PDS83324Z1	PDS83262Z3	PD83336AB	

Phoenix, Arizona Facility

NADCAP	Thermal Spray Coating	Heat Treating	Laboratory Evaluation	
ISO 9001	Quality Systems			
SAE AS9100	Quality Systems			
Rolls Royce	EPS 10411 EPS 10508	EPS 10479 EPS 10540	EPS 10493	EPS 10506
Honeywell	EMS52432 EMS52467 EMS52504 EMS52510 EMS52542 EMS52544	EMS52521 EMS5753 FP5045 FP5091 FP5108	LHP5006 LHP5111 LHP5112 LHP5113 LHP5114	PNCP52519 PNCP52538 PNCP52546 PNCP52551 BRAZING WELDING
UTAS	AMS 2437 AMS 2728 AMS 2759/11 AMS 2759/3 AMS 2759/4 AMS-H-6875 CP09, 17-4-PH	CP09, 17-4-PH-01 CP09, 17-4-PH-03 CP09, 17-4-PH12 CP09, 17-7-PH CP09, 17-7-PH-02 CP09, 17-7-PH-03 CP09, 17-7-PH04	ESR 1795 HS 5623 MIL-H-6875 MIL-H-81200 MIL-H-81200 A PN09, 17-4-PH PN09, 17-4-PH-3	PN09, 17-4-PH-4 PN09, 17-4-PH-5 PN09, 17-4-PH-6 PN09, 17-4-PH-7 PN09, 17-7-PH RPS 11.57
Pratt & Whitney Canada	CPW 33			
Wood Group	WG-6407			

Pearland, Texas Facility				
Thermal Spray	Quality System	ISO 9001	AC7004	SQRM-001
Thermal Spray	AC7109 / 1	AC7109 / 5	AC7109 / 8	MIL-STD-1687
Siemens – Orlando	DPTLV-00000017 Rev B DPTLV-00000127 Rev B DPTLV-00000148 Rev C DPTLV-00000649 Rev A	DPTLV-00000892 Rev A PD Spec 83336Z2 Rev J PDS 83269Z2 Rev A PD-SPEC 81219JD Rev A	PD-Spec 83260X1 Rev A PD-Spec 83262Y2 Rev C PD-Spec 83262Y4 Rev A PD-Spec 83262Z1 Rev C	PD-Spec 83269A4 RevF PD-Spec 83269Z2 Rev SWPC A PD-Spec 83324Z1 PD-Spec 83324Z4 RevA
Siemens – Rolls-Royce	TSD594J 70-00-00-100-102 TSD594J 70-00-00-100-104 TSD594J 70-00-00-200-201 TSD594J 70-00-00-200-210 TSD594J 70-00-00-300-704	GEM 0059 GEM 0069 GEM 0070 GEM 0094	GEM 0101 GEM 0118 GEM 0149 GEM 0197	
Siemens – RWG	72-50-05 72-50-12-5019 E5K2019 E5K3026 E5K3029	E5K3030 E5K5506 E5K5508	EA 72-30-02 Rev P EA 72-30-05 REV D EA 72-30-08 Rev E EA 72-50-14 Rev C EA 72-50-18 REV E	
GE	SOP38824 B50A893	P16B-AG3 P16B-AG11	16-610-657-406 Rev 2 16-630-907-559 Rev 1	
Dresser-Rand	G-06 106 REV 00	E-05 032 REV 02	015-009-035 Rev 1	015-004-079 REV 02
Halliburton	D00098721 D00850814 REV C	ES-C-113-SCOPE Rev H	P01793 Rev D	SS.083691 REV 7
Cameron	WS-010641-X REV 01			
GE / Baker Hughes	MPH 071 Rev L MPH 095 REV D MPH 099 REV B MPH131 REV B	BWS E303	HEMPS 4.005 HEMPS 4.008 HEMPS 4.009	HEMPS 4.014 HEMPS 4.015 HEMPS 4.016
Schlumberger	101217139 REV AC 101217145 REV AD 101677652 REV AB	CSP-51 REV AK CSP-92 REV AF	ES8.39851	NDE-11 REV AZ NDE-12 REV AH NDE-22 Rev AZ
Fisher / Emerson	FMS 32A11 REV G FMS 32A14 Rev E FMS 32A15 Rev E	FMS 32A16 Rev A FMS32A7 Rev F	IMP 9A1 REV D	FGS 15B31.1 REV C FGS 8A40 Rev A
Mogas	ESC-FUSED Rev L ESC-HVAF Rev A ESC-HVOF Rev I	ESC-M7 NANO Rev A ESC-2042 Rev B	ESC-2072 Rev B ESC-2081 Rev D	ESC-2082 Rev C ESC-2091 Rev A
Conval	SEI-158 REV B			
Velan	VEL-PS-CB VEL-PS-CH	VEL-PS-CK	VEL-PS-CS	VEL-PS-SF
Bray	ACS-0001 REV 1 ACS-0002 REV 1	ACS-0004 REV 3	ACS-0005 REV 3	ACS-0012 Rev. 3
Cooper Valves	AAS-SP-1009 Rev B	CP-10	QP 7.5.5-1	

Curtiss-Wright Surface Technologies is a Division of the Curtiss-Wright Corporation (NYSE:CW)

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