

**CURTISS -  
WRIGHT**

# Thermal Spray Coatings

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## COMPANY PROFILE

Curtiss-Wright Corporation (NYSE:CW) is a global integrated business that provides highly engineered products, solutions and services mainly to Aerospace & Defense markets, as well as critical technologies in demanding Commercial Power, Process and Industrial markets.

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. For more information, visit [www.curtisswright.com](http://www.curtisswright.com)



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.

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### 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

### Inspecting and Testing

- Full Metallurgical Lab
- Eddy Current
- Fluorescent Penetrant
- Gaging and Dimensioning
- Laser Holography
- Moment Weigh
- NDT (FPI) Air Flow
- Profilometer
- Capture 3D

### Finishing and Machining

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

### Other Service Operations

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

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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 52432 EMS 52467 EMS 52510	EMS 52521 EMS 57737 EMS 57750 EMS 57753	FP5045 FP 5088 FP5091	GPS3227 PNCP52519 PNCP52551
Allison/Rolls-Royce	EDS1306 EMS39660 EMS39662â EMS56755 EMS56757 EMS56764 EMS56765 EMS56771 MSRR9507/1 MSRR9969 RPS300 RPS392	EMS70013 EPS10411 EPS10414 EPS10416 EPS10417 EPS10418 EPS10419 EPS10420 MSRR9507/5 RPS367 RPS427/26 RRP51000	EPS10422 EPS10423 EPS10430 EPS10431 EPS10436 EPS10438 EPS10456 EPS10462 MSRR9507/54 RPS386 RPS427/31 RRP58007	EPS10473 EPS10479 EPS10483 EPS10498 EPS10505 EPS10540 RRU5 RRU6 MSRR9507/66 RRQ2 RPS629 RRP50000
Alstom	91-328A8664			
Boeing	HP4-66 HP2-8	BAC 5851	PS13152 PS15989	
Dresser-Rand	PS-0321	015-206-009		
General Electric	F50TF Series GT-193 Coating Evaluation GT-193 Stripping / Leeching S1000	GT-193 for Thermal Spray GT-193 Heat Treat Vacuum P10TF1 Chem. Stripping for P4-TE20, P4TF5	P16A-AG6 P16B-AG3 P16B-AG8 P16B-AG11	P16B-AG15 P16TF5 P28TF6 P16B-AL2105
Hamilton Standard	HMS2 HMS2447-2	HS427 HS15580	HS806	HS4412
Honeywell	A6712 M3951 M3952 M3953 M3954	M3955 M3956 M3958 M3959 M3960	M3961 M3962 M3963 M3964 M3965	M3966 P6400 P6405
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 QA-101 (PWES) PWA 44 PWA53-1 PWA53-2 PWA53-5 PWA53-7 PWA53-10 PWA53-11 PWA53-13 PWA53-15	PWA53-16 PWA53-17 PWA53-18 PWA53-18 PWA53-20 PWA53-21 PWA53-22 PWA53-33 PWA53-35 PWA53-37 PWA53-38	PWA53-46 PWA53-47 PWA53-69 PWA53-78 PWA-72 PWA74-1 PWA74-2 PWA75-1 PWA 110-2,-4,-21 PWA 253-1 PWA 254-1	PWA 255 PWA 257-1 PWA 257-2 PWA 261 PWA 262 PWA 265 PWA 271 PWA 277 PWA474 PWA 36206-1 ASQR-01 ASQR-09.1
Pratt & Whitney Canada	CPS 107 CPW 693	CPW 33 CPW 716	CPW 385	CPW 672
Sikorsky Aircraft	SS8491			
Siemens	PDS 8362A3 PDS 83262AP PDS 83269A3	PDS 83269A4 PDS 83324Z1 PDS 83324Z2	PDS 83336AA PDS 83336AB PDS 83336AC	PDS 83336Z2 PDS 83336Z5

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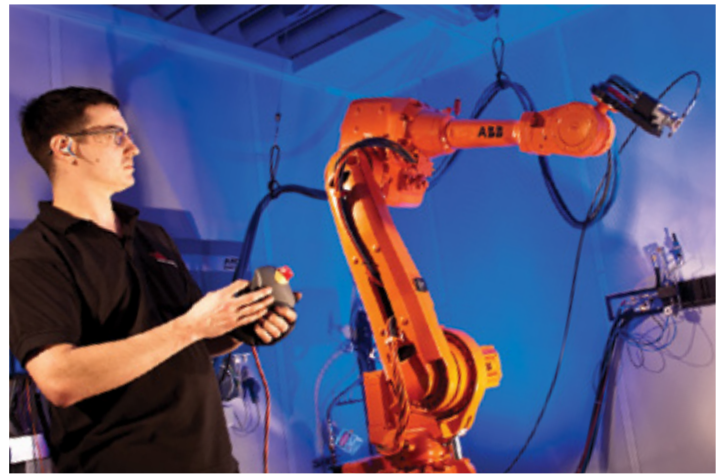
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PEARLAND, TEXAS FACILITY				
Thermal Spray	Quality System	ISO 9001	AC7004	SQRM-001
Thermal Spray	AC7109 / 1	AC7109 / 5	AC7109 / 8	MIL-STD-1687
Siemens – Orlando	DPTLV-00000017 Rev B DPTLV-00000127 Rev B DPTLV-00000148 Rev C DPTLV-00000649 Rev A	DPTLV-00000892 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	
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			

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WILMINGTON, MASSACHUSETTS FACILITY				
NADCAP	AC7109 / 1	AC7109 / 5	AC7109 / 8	MIL-STD-1687
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	



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