

CURTISS - WRIGHT

INDUSTRIES SERVED



MILITARY



AEROSPACE

TYPICAL APPLICATIONS



ANTI-GALL COATINGS



SOLID FILM LUBRICATION

Company Overview

Curtiss-Wright operates a network of facilities that apply engineered coatings to meet challenging user environments. Located in the Hartford suburb of New Britain and previously known as E/M Coating Services, we offer a full line of aerospace, industrial and military coatings.

Design Challenges and Problems Solved

Corrosion	Friction
Insulation	Lubrication
Material Release	Shielding
Temperature	Wear

Markets and Industries Served

Aerospace	Chemical Processing
Fasteners	Industrial
Medical	Military
Power Generation	Pump and Valve

Facility Capabilities and Services

Coating for EMI/RFI Shielding	
Dry Film Coatings	Federal Firearm License
Military Painting	Mn/Zn Phosphate
Powder Coatings	

Customer Approvals/Specifications

Boeing	BAC5811 (Type 6, 7, 8) PS18021
Pratt & Whitney	PWA 550, 36210, 36211, 36545
Pratt & Whitney Canada	CPW 456
Hamilton Sundstrand	HS 248
Goodrich	AMS 2525, 2526
GEAE	F50TF57, A50TF305, A50TF9, F50TF96, GT193
Rolls Royce	RPS661/10
Honeywell	GPS3211, ES2119, EPS11708
FAA Repair Station	
Federal Firearms License	

Contact Information

Curtiss-Wright: E/M Coating Services

1 John Downey Drive

New Britain, Connecticut 06051

Telephone: 860-224-9148 • Fax: 860-285-8809

Web: www.cwst.com • Sales: em.hartford@cwst.com

Nadcap and AS9100 Accredited

Curtiss-Wright has a full service shot peening facility with Nadcap accreditation located in Windsor, Connecticut (20 miles from the New Britain facility).



OUR PROCESSES

SPRAY COAT ADVANTAGE

Our spray processes provide uniform coatings with superior cosmetic and functional value. Our application techniques provide a part that is free from damage and excess coating.

MASKING CAPABILITIES

Coating only where you need it! Intricate masking techniques prevent coating of internal surfaces, maintain critical tolerances and eliminate post-coating machining.

TEMPERATURE RESISTANT AND LUBRICATING COATINGS

These coatings allow parts to maintain functionality and provide anti-gall protection when exposed to operating temperatures up to 2000°F.

AUTOMATED PROCESSING

We have fully automated fastener spray equipment.

DIVERSE PRE-TREATMENT

We possess the knowledge and capability to provide you with the ideal pre-treatment process to fully enhance a coating's performance.

LABORATORY TESTING PROCESS VERIFICATION

For process verification we have measuring capabilities for coating weight/thickness, humidity, resistivity, adhesion testing and salt spray testing.

Pre-Treatment and Coating Capabilities

Solid Film, Dry Film Lubricants

Everlube® Kal-Gard®
Lubelok® Perma-Slik®
Microseal® PTFE

Chemical Resistant and Non-Stick Coatings

TFE/PTFE Dispersion and Fused Coatings

Electric Enclosure/Component Coatings

Spraylat EMI/RFI Shielding

Special Coatings/Services

Epoxy, Nylon and Polyester Powder Coatings
Impingement Coatings

Pre-Treatment and Processes

Black Manganese Phosphate
Phosphate Type M and Z (per MIL-DTL-16232)
Light Zinc (per TT-C-490 TYI)
Passivation (per multiple ASTM & SAE specs)
Sand/Grit Blast

Post-Treatment Services

Light Assembly and Packaging
Drop Shipment

Business Unit Locations

United States

Chicago, Illinois 630-620-6808
Hartford, Connecticut 860-224-9148
Minneapolis, Minnesota 651-780-3202
Los Angeles, California
 North Hollywood 818-983-1952
 Chatsworth 818-407-6280

Canada

Brampton 905-791-8002

China

Suzhou 86-158-6241-7890

Germany

Unna 49-2303-91880

United Kingdom

Evesham 44-1386-421444
Glasgow 44-141-638-8600