

# 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

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**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