



Company Overview

Curtiss-Wright operates the world's largest network of shot peening facilities to meet today's challenging requirements. Located in Querétaro, México, Curtiss-Wright Surface Technologies Mexico S.A. de C.V. we are a full-service shot peening facility with most OEM and industry approvals.

INDUSTRIES SERVED



AEROSPACE



AUTOMOTIVE



OFF-HIGHWAY



MILITARY

Design Challenges and Problems Solved

- High Cycle Metal Fatigue (bending, torsion, vibration)
- Fretting Fatigue
- Stress Corrosion Cracking
- Gear Tooth Flank Fatigue (micro-pitting, rolling-sliding contact fatigue)
- Thermal Fatigue
- Precision Texturing

Markets and Industries Served

- Aerospace
- Automotive
- Auto Racing
- Industrial
- Mining
- Off-Highway Vehicles
- Oil and Gas
- Power Generation
- Railroad Recreational Vehicles

Facility Capabilities and Services

- Shot Peening
- Glass Bead Peening
- On-Site Shot Peening
- Dual Peening
- Controlled Cleaning
- Vibratory Super Finishing

Customer Approvals/Specifications

The Querétaro facility is approved to meet numerous OEM, industrial and military requirements including:

- Nadcap AC7117
- Nadcap AC7004
- Bell Helicopter BPS4409
- AMS2430 Rev.U
- IATF 16949:2016
- ISO 9001:2015
- Caterpillar
- ZF
- VDA 6.3

Contact Information

Curtiss-Wright Surface Technologies Mexico
 Carretera Estatal 100 El Colorado - Higuerrillas
 Km. 3.6 # 3494, Int. Bodega 1 - 3 Colón, Querétaro
 76295
 Telephone: +52 (442) 500-9300
 Sales Email: manuel.hernandez@cwst.com
 Web: www.cwst.com



Shot Peening Applications



BLISK

Aircraft and Rotorcraft Components

Blades, Hubs
Landing Gear
Propellers and Rotors

Transmission Gears: All designs
Vane Segments

Powertrain Components

Gears: All designs
Flex Plates

Axles
Shafts

Engine Components

Connecting rods

Rocker Arms
Valve Springs



DRIVE SHAFTS

Military, Off-Highway Vehicle Components

Steering Flanges
Suspension Lugs

Torsion Bars
Wheel Bearing Flanges

Structural Components

Spars
Struts
Welded Fabrications

Other Components/Applications

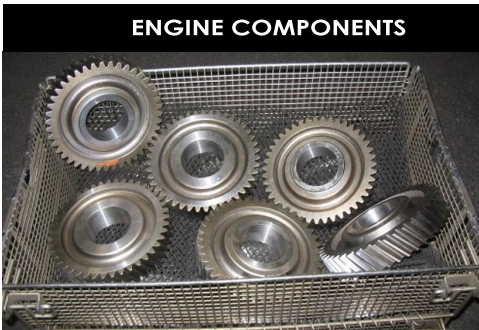
Gears: Large Industrial and Mining
Powdered Metal (Fatigue and Porosity Sealing) Tools, Dies, Molds
Springs: All designs
Threaded Connections
Welded Fabrications



ENGINE COMPONENTS

On-site Shot Peening

Field crews can shotpeen any size part at your facility or site.



GEARS - ALL SIZES



SPRINGS

Curtiss-Wright operates a network of over 70 business units in 10 countries performing the following surface treatment technologies:

- Application of Coatings for Corrosion Prevention and Solid Film Lubrication
- Controlled Shot Peening
- Laser Peening
- Materials Testing / Analytical Services
- Sale of Coating Products under the Everlube® brand
- Thermal Spray

Please visit our website at www.cwst.com and select "Find a Location" for the location nearest you.