



Facility Overview

Brampton, Ontario

Facility Scope & Industries Served

Curtiss-Wright's Brampton, Ontario facility supports application requirements such as high-cycle fatigue resistance under bending, torsion, and vibration, stress corrosion cracking mitigation, thermal fatigue control, and gear tooth flank fatigue improvement through advanced shot peening solutions across automotive and industrial applications.

Aerospace

Power Generation

Construction

Railroad

Mining

Chemical & Food Processing

Oil & Gas

Military

Automotive

Off-Highway Vehicles

Industrial

Recreational Vehicles

Facility Capabilities & Services

- Controlled Shot Peening
- Glass Bead Peening / Blast-ing
- On-Site Shot Peening
- Precision Texturing to a Specified Finish
- Dual Shot Peening
- Flow Line Treatment
- Magnetic Particle Inspection
- Fluorescent Penetrant In-spection
- Engineered Coatings

Customer Approvals & Specifications

AS 9100 / ISO 9000	AMS 2430 / AMS 2432
SNC Lavalin	Boeing
Bombardier	Safran Landing Gear
Controlled Goods-Program (CGP)	Bell Helicopter
Collins Aerospace	NADCAP Accredited
Rolls Royce	Pratt & Whitney (CA)
Heroux Devtek-Landing Gear	Linamar
	Honeywell

Shot Peening Applications

Aircraft and Rotorcraft Components

Engine Main Shaft, Propellers and Rotors, Wings, Fuselage, Landing Gear (all MLG, NLG), Blades, Hubs, Bearing Cages, Structures (spars and struts), Transmission Gears: All designs

Auto Power Train & Auto Engine Components

Auto Power Train: Flex Plates, Parking Pawls, Gears: All designs, Shafts
Auto Engine: Connecting Rods, Rocker Arms, Crankshafts, Valve Springs

Military, Off Highway Vehicle Components

Suspension Lugs, Wheel Bearing Flanges, Torsion Bars, Steering Flanges

Oil & Gas

Drill Collars, Bits and Rods, Shovel Buckets and Screens, Electronic Chassis, Trunk Crankshafts

Other Components and Applications

Gears: Large Industrial and Mining, Springs: All Geometries & Sizes, Welded Fabrications, Precision Texturing (architectural), Threaded Connections (male/female), Tools, Dies, Molds

On-Site Shot Peening

Field crews can shot peen any size part at your facility or site to Mil Spec standards - Aerospace, Power Plant, Mining, Refinery, Rail Car



Contact Information

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