



Facility Overview

Suzhou, China

Facility Scope & Industries Served

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

Aerospace

Mining

Construction

Railroad

Wind-Energy

Power Generation

Oil & Gas

Industrial

Automotive

Chemical & Food Processing

Industrial

Off-Highway Vehicles

Facility Capabilities & Services

- Shot Peening
- Glass Bead Peening
- ID Pipe Peening
- C.A.S.E.
- Liquid Coating
- Dual Shot Peening
- Glass Bead Blasting
- On-Site Shot Peening
- Superfinishing
- Lab

Customer Approvals & Specifications

AS 9100	AMS 2430
NADCAP	AMS-S-13165
MOOG	Safran
ShangHai Electrical	Hartzell
Honeywell	SLB
GM	Collins
MAN	VW
GEELY	AECC

Shot Peening Applications

Aerospace Components:

Shot peening and surface treatments for blades, hubs, and landing gear, enhancing fatigue resistance and structural durability.

Precision Gearing & Bearings:

Processing of shaft gears, bearing connections, and discs to improve wear resistance and operational performance.

Rotating Components:

Surface enhancement for fans and other critical rotating parts, ensuring reliability under high-stress conditions.



Contact Information

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