



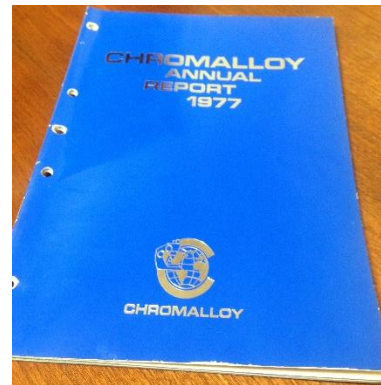
**CHROMALLOY**



**JORGE ORTEGA** | Site Leader of:  
**CHROMALLOY**

Jorge Ortega is the Site Leader of [Chromalloy](#), a company that repairs and manufactures components for commercial and United States military jet aircraft engines. The company provides technologically advanced repairs and coatings for turbine airfoils and other critical engine components.

Jorge is originally from Tijuana, Baja California. A graduate of UAG (University of Guadalajara), School of Engineering, with a master's degree in Industrial Administration by CETYS University.



Chromalloy was established in PIMSA in 1977 as Chromizing, a company dedicated to repairing gas turbine components for commercial aircraft.



Chromalloy facilities in PIMSA I.

Today, with more than 500 associates, Chromalloy Gas Turbine Corporation Mexicali has a wide range of process capabilities as:

## Engineering

Engineering Analysis & Support, Metallurgical Analysis, NDT (Air Flow Testing, FPI, Ultrasonic Wall Thickness, Magnetoscop, X-Ray), CMM

## Coatings

Thermal Barrier Coating (Air Plasma), Air Plasam Spray Wear Coatings (Chromium Carbide, Tribaloy T-800), Abradable Coatings (Flame Sprayed, eg Ni Graphite), Diffusion Coatings (Pack Aluminide, Vapor Phase Aluminide, Pack/Vapor Phase Chromide, Pack/Vapor Phase Platinum Aluminide, Pack/Vapor Phase Silicon Aluminide, Internal & External Aluminide), Paint Coating (SermaLoy J), Fretting Coatings

## Machining

Milling (Horizontal 3-Axis, Vertical 3-Axis, Vertical 5-Axis), Horizontal Turning, Grinding (Creep Feed 3-Axis, CBN 5-Axis Grinding), EDM (Manual Plunge, Fast Hole), LBMR (Laser Drilling 5-Axis) ECG grinders, Surface grinders, Beltsanders.

## Joining Technology

Welding (Gas Tungsten Arc Welding, CO2 Laser Welding, Resistance Spot Welding), Electron Beam.

## Thermal Processing

Brazing (Acrylic Spray and Dry Powder, Brazing Paste, Brazing Slurry, Brazing Pre-Forms), Vacuum & Controlled /Atmospheric Heat Treat (air, vacuum, hydrogen and inert gas capacity)

### Core Capabilities / Processes



Castings



Joining Technology



Advanced Machining



Protective Barrier Coatings



Thermal Processing

### Differentiating Disciplines



Design Engineering



Diagnostic Engineering



Diagnostic Engineering

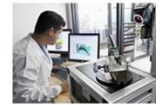


Diagnostic Engineering

### Value-Added Solutions



Component Repairs



Engine/Component Upgrade Programs



Make-complete Parts

**“Chromalloy’s presence in Mexicali is key in complementing our manufacturing world competitiveness. Fine human resources and constant quality record are our daily objectives” – Jorge Ortega.**

If interested in Chromalloy capabilities, please email to: [erick@pimsa.com.mx](mailto:erick@pimsa.com.mx)