



## Primary Coating Processes

- Atmospheric Plasma Spray (APS)
- High Velocity Oxygen Fuel (HVOF Gas Fuel)
- High Velocity Oxygen Fuel (HVOF Liquid Fuel)
- Twin Wire Arc Spray
- Flame Spray
- PEO (Plasma Electrolytic Oxidation)
- Boronizing
- LPPS
- Specialty Painting (MIL-C-81751)
- Dry Film Lube
- Chem Film (near future)
- Passivation (near future)

## Supplementary Processes

- Painting
- Pre/Post Coating Machining
- Pre/Post Coating Grinding
- Baking Operations (60" x 72" x 72" volume)
- Full Metallurgical Laboratory
- Microhardness Testing
- Macrohardness Testing
- Tensile Testing Capability (Compression Testing available)
- Source Inspection Capable
- Powder Coating

## Coatings

- Tungsten Carbide Variations
  - Chrome Carbide Variations
  - MCrAlY Coatings
  - Thermal Barrier Coatings
  - Chrome Oxide
  - Aluminum Oxide
  - Aluminum Bronze
  - CuNiIn Coatings
  - Babbitt Coatings
- \* **Max part size: 20 feet in length**  
\* **Can cater to customer requirements**

## Certifications

- NADCAP: Coatings and Coatings Evaluation
- AS9100D / ISO 9001:2015
- Approved Supplier for a Premier Rocket Company

## Machining Capability

- Hexagon CMM (28" x 40" x 26")
- Mori Seiki NL2000 (14"  $\Phi$  x 20")
- Litz LT-350 (10"  $\Phi$ )
- HAAS SL-20T (8"  $\Phi$ )
- Mori Seiki SL-15MC (9"  $\Phi$  x 20")
- HAAS VF5XT (50" x 26" x 25")
- HAAS TM-2P (40" x 16" x 16")
- HAAS VF3 (40" x 20" x 25")