



Full Product Line

Metal Finishes

- Zinc Electroplating
- Zinc Iron Electroplating
- Cadmium Electroplating
- Bright Dipping
- Passivation

Trivalent Post Finishes

- Trivalent Clear
- Trivalent Yellow
- Trivalent Black
- Trivalent Olive Drab
- Trivalent Red
- Trivalent Blue
- Trivalent Metric Blue
- Trivalent Green
- Trivalent Orange
- Trivalent Violet
- Trivalent Fuchsine

Improved Corrosion

- Seal # 2
- Seal # 3
- Seal # 4
- Seal # 5
- Seal # 5 Plus
- Enseal # 26
- Gleitmo 603
- Gleitmo 627

Hexavalent Post Finishes

- Clear Chromate
- Yellow Dichromate
- Yellow Leach
- Yellow Leach After Bake

Post Finishing

- Baking
- Waxing
- Heavy Wax
- Water Soluble Wax
- Torx & Tension Wax
- Wax with a Color Dye

- Silver Black
- Red Dye
- Blue Dye
- Metric Blue
- Green Dye
- Olive Drab
- Orange
- Violet
- Fuchsine



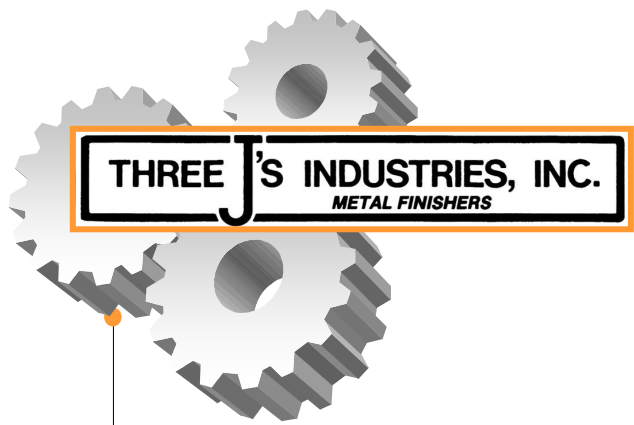
SALT SPRAY TEST per ASTM B117 can be done in house and save you money on lab certifications.



CONTACT US TODAY FOR A QUOTE!

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Cadmium Electroplating



Ask about our Hexavalent & Trivalent Finishes with our improved Corrosion Seals!

THREE J'S INDUSTRIES, INC.

METAL FINISHERS

Three J's Industries was founded by Erwin Herz in 1980. He recognized the importance for industry knowledge in order to provide customers with the **utmost quality standards, highest efficiency and complete satisfaction.** Today, the company is owned and operated by his three daughters – Joanne Marozza, Judy Garnmeister and Jennifer Herz. Three J's Industries is one of the few woman-owned metal finishing facilities in the United States. With the commitment to meeting the standards set forth by Erwin Herz, there is no doubt the customers will come out to be three time winners. Our training along with our state of the art equipment and facility allows us to provide our services with a quick turn-around at the best possible price.



CADMIUM ELECTROPLATING

Cadmium is a soft, bluish metal that can be electrolytically deposited onto steel to stop corrosion.

Three J's Industries uses a cyanide cadmium plating bath. The finish has a bright silver appearance. Plating can be followed by post finishes of organic coatings, waxes, yellow dichromate, clear chromate, and a wide array of colored hexavalent and trivalent finishes. These coatings increase corrosion protection.



Cadmium is an exceptional metal for corrosion protection because it has great electrodeposition throwing power. It plates down into the hidden recesses of machined parts and fasteners.

Cadmium can be plated at a commercial thickness of .0001 inch and additional thickness can be plated to increase the corrosion protection of the raw material. This corrosion protection versus thickness can be seen in the following table.

Cadmium Coating	Clear	Yellow
.0001	36	N/A
.0002	96	192
.0003	192	288
.0004	210	310
.0005	240	336

CADMIUM.....

Cadmium has excellent properties of ductility, solderability, natural lubricity, and superior corrosion protection in marine environments, as it is also antifungal.

No other metal surpasses the protection of cadmium with the additional properties.

Cadmium is an excellent plating metal for springs, fasteners, stampings, mechanical parts, and any other items that require exceptional environmental protection.



SPECIFICATIONS

Specifications are available at Three J's Industries for plating parts in conformance with the requirement of the following industry and OEM requirements.

BENDIX	ES-2567
CATERPILLAR	1E397A, 13397D
CHRYSLER	PS PLATING
FORD	ESB M1P1A
GE	F70D1
GM	GM 4346M
MERCURY MARINE	M032P
MILITARY	QQ-P-416
OTHERS	CALL FOR INFO

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