



## **COATINGS FOR CYLINDER AND TANK REFINISHING**

## **INDUSTRIAL AND LP CYLINDER REFINISHING SERVICE**

## **LP EXCHANGE CYLINDER REFINISHING SERVICE**

## **STATIONARY AND BULK TANK REFINISHING SERVICE ON-SITE or IN SHOP**

## **COATING / FINISH PERFORMANCE TESTING**

### **Allegheny Coatings**

224 River Rd  
Ridgway, PA 15853  
814-772-3850



## **GENERAL CAPABILITIES, PRODUCTS, AND SERVICES**

### **SURFACE PREPARATION**

Alkaline Cleaning  
Abrasive Cleaning  
Acid Pickling  
Zinc and Manganese Phosphate

### **JOB SHOP COATING AND PLATING**

Rack Zinc Electroplating  
Bulk Barrel Zinc Electroplating  
Rack Spray Wet Coating Application  
Bulk Dip Spin Wet Coating Application  
Rack Powder Coating

### **FINISH PERFORMANCE TESTING**

Salt Spray Testing  
Humidity Testing  
Cyclic Corrosion Testing  
Kesternich/Acid Rain Simulation Testing  
Adhesion / Thickness / Thermal Resistance / Weathering Testing  
Custom Performance Testing Protocol Development

# ALLEGHENY COATINGS and the INDUSTRIAL / PROPANE GAS INDUSTRY

## CYLINDER AND TANK COATING SALES



Allegheny Coatings Offers Durable, Impact Resistant Coatings for Cylinder and Tank Refinishing -- Water-Reducible Formulations are Economical, Non-Regulated and Environmentally Friendly for the User. Available in 5 gal pails and 55 gal drums.

## INDUSTRIAL CYLINDER REFINISHING



Allegheny Coatings Can Take Your Worn and Chipped Cylinders and Economically Refinish Them, Freeing Labor Resources for More Pressing or Value Added Tasks Within Your Organization. Expensive Refinishing Equipment Can be Eliminated, and Valuable Floor Space Required for Current In-House Cylinder Refinishing Can be Freed Up for Other Needs.

## PROPANE EXCHANGE CYLINDER REFINISHING



The Consumer LP Cylinder Exchange Market is Highly Competitive and Price Driven, Forcing LP Gas Dealers to Seek Ways of Keeping Exchange Cylinder Costs Down. Allegheny Coatings Takes Purged Exchange Cylinders in ANY Useable Condition, Cleans or Blasts the Cylinders As Required, and Applies a Durable Water-Reducible Alkyd Coating for an Attractive, Cost Effective Cylinder Ready for Filling and Labeling. Allegheny Coatings is Capable of Refinishing Point-of-Purchase Cylinder Exchange Cages and Cabinets with Zinc-Rich Primers and Durable Color Topcoats to Lengthen The Service Life of Your Investments.

With Allegheny Coatings Economically Refinishing LP Exchange Cylinders, Your Resources Can Be Directed to Higher Priority Tasks Within Your Organization, and You No Longer Need to be Concerned With Safety and Environmental Considerations of In-House Refinishing.

## BULK and STATIONARY TANK REFINISHING



Allegheny Coatings Has the Capability to Refinish Stationary Bulk Gas Tanks, Either On-Site or in Our Shop in Ridgway, PA, Depending on the Convenience and Needs of the Customer.

## **COATING SYSTEMS FOR INDUSTRIAL AND LP CYLINDER AND TANK APPLICATIONS**

### **Phosphate**

Zinc, Manganese, and Iron Phosphate for pretreatment conversion of steel substrates prior to coating. Recommended for application to blasted surfaces for best results.

### **Zinc Rich Primer**



Air Dry Zinc Rich Inorganic Primer is waterborne with no VOCs and can be force cured at 250F+ or air-dried. Peak service temperature limit of 900F. Corrosion protection to 10,000 hrs ASTM B-117 Neutral Salt Spray and ASTM D2247 Humidity (or more) depending on thickness and topcoat.

### **Epoxy Primer**



Epoxy primers are either solventborne or waterborne and provide excellent direct to metal adhesive properties and chemical resistance. Epoxies are not suited for topcoat applications where it will be exposed to direct sunlight. Epoxies accept alkyd and urethane topcoats.

## Water-Reducible or Solvent Borne Alkyd Topcoats



Cost effective wet spray, brush, or roller-applied water reducible or solventborne coatings are air-dry/force-dry and cure by oxidation. They provide a tough, impact and chemical resistant finish with excellent color and gloss retention. Can be applied to primers for robust protection, or direct to metal on a clean, blasted surface for an economical, durable finish.

## Urethane Wet Topcoats for Bulk, Large Vertical, and Stationary Horizontal Tanks



High durability urethane topcoats available in both solventborne and waterborne versions. High resistance to UV and chemical attack, excellent gloss retention. Available in White, Sky (blue) White, and Tan in two-component wet formulations which require mixing prior to use.

## Powder Coating



Urethane, Polyester, Nylon, Epoxy versions available. Polyester and Urethane are recommended for outdoor use; are highly resistant to UV effects, both have excellent gloss retention. Can be applied over zinc-rich primer or direct to metal. A spectrum of colors is available.