



# Coating Requisition



**Please submit online or forward a copy of this form with parts to Phygen for order processing. Form may also be faxed to Phygen at 612-331-4230 prior to parts being shipped to Phygen.**

1400 Marshall Street NE  
Minneapolis, MN 55413  
Phone 612.331.4224  
Toll Free 888.749.4361  
Fax 612.331.4230  
www.phygen.com

Date \_\_\_\_\_ Phone \_\_\_\_\_

From \_\_\_\_\_

P.O. # \_\_\_\_\_ Delivery Requested By \_\_\_\_\_

## CUSTOMER INFORMATION

Company Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Contact Name \_\_\_\_\_ Phone \_\_\_\_\_

Email \_\_\_\_\_

## SHIP TO (if different)

Attn \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

## TOOLING / COMPONENT DESCRIPTION

Part Name \_\_\_\_\_  New part  Used part      Quantity \_\_\_\_\_

Part # \_\_\_\_\_

Material \_\_\_\_\_ Hardness \_\_\_\_\_ Weight Each \_\_\_\_\_

Overall Dimensions      Width: \_\_\_\_\_      Length / Diameter: \_\_\_\_\_      Height: \_\_\_\_\_

**Please attach or fax a print / sketch and/or a photograph of the component and indicate the critical surfaces to be coated.**

## PROBLEM / ISSUE TO SOLVE

Wear     Galling/Fretting     Corrosion     Release     Erosion / Abrasion     Other

Lifetime of Component \_\_\_\_\_ (Pieces) / \_\_\_\_\_ (Hours)

## PRESENT SURFACE TREATMENT

None     PVD     CVD     TD     Nitride     Plating     Other \_\_\_\_\_

**HEAT TREATMENT CYCLE OF TOOLING / COMPONENT TO BE TREATED**

*(To be completed with the assistance of your Phygen Representative)*

Method     Vacuum     Salt Bath     Atmospheric     Fluidized Bed

Austenitizing \_\_\_\_\_ °F \_\_\_\_\_ Minutes

Quenching \_\_\_\_\_ °F \_\_\_\_\_ Minutes

Temper \_\_\_\_\_ °F \_\_\_\_\_ Minutes

Number of Tempers \_\_\_\_\_ Resulting Hardness \_\_\_\_\_ (Rockwell C)

**NOTE:** Surface requirements for coating, depending on applications, should be well-polished with edm, white layer, heat treat scale or surface oxides removed.

**WORK REQUESTED**

- Strip Existing Coating
- Polish
- Coat Only
- Special Coating Thickness \_\_\_\_\_
- Special Temperature Requirement  
Not to exceed \_\_\_\_\_

**SPECIAL SERVICES**

- Hot Rush Processing
- Lab Inspection
- Masking Requirements (Please Describe Below)  
\_\_\_\_\_

Other Comments: \_\_\_\_\_

**IMPORTANT PACKING REQUIREMENTS**

Heavy parts must be individually wrapped with double wall cardboard around each piece and then packed with dense packing material for a tight fit into a heavy duty cardboard box (no bubble pack which cuts in transit). Do not allow adhesive tape to contact part surfaces and do not use silicon-based rust inhibitors.

**RETURN SHIPMENT VIA**

Ground     Air – Standard     Air – 2nd Day     Air – Early AM     Truck    **INSURED VALUE** \_\_\_\_\_

**FOR PHYGEN OFFICE USE**

Job Number \_\_\_\_\_ Date Received \_\_\_\_\_ Inspection Approval \_\_\_\_\_