

# Minneapolis, MN

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## ALUMINUM ANODIZING

TYPE II SULFURIC ANODIZE,  
BRIGHT DIP ANODIZE, TYPE III  
HARDCOAT, HARDLUBE

## ANODIZING SPECIALTY PRE-TREATMENT

ALUMINUM DIE CAST ARP  
ACID ETCH, FROSTKOTE

## ANODIZING SEAL & POST-TREATMENT

DICHROMATE, NICKEL  
FLOURIDE, NICKEL ACETATE,  
HOT DI WATER, DRY FILM

## ALUMINUM CONVERSION COATING

TYPE I HEXAVALENT,  
TYPE II TRIVALENT

## CASTGUARD™

DIE CAST FINISH, 2,000 HRS SALT  
SPRAY

## ENDURAGUARD™

DIE CAST FINISH, 3,000  
HRS+ SALT SPRAY

## STERI-SAFE™

RESILIENT IN HIGH & LOW TEMP  
STERILIZATION

## OPTICAL BLACK®

ENHANCED LIGHT ABSORPTION,  
REDUCED REFLECTIVITY

## PRECISION MASKING

PRESERVE DIMENSIONAL  
TOLERANCES, ENHANCE  
CONDUCTIVITY

## MARKETS SERVED

The following is a list of current  
markets we provide services to:



AEROSPACE & DEFENSE



INDUSTRIAL TECHNOLOGY



FLUID POWER



MEDICAL TECHNOLOGY



POWERSPORTS

## CERTIFICATIONS

ISO 9001  
Registered



## AUTOMATED QUICK TURN ANODIZING

Our state-of-the-art facility on Quebec Ave opened in 2018 but our roots date back to 1945 in Minneapolis. Our custom-built operation was designed to integrate advanced automation and a large variety of Anodizing service offerings, including in-line specialty pre and post anodize treatments. We are proud to continue our tradition of providing anodizing solutions in Minneapolis. Our focus on process controls and our vast selection of finish offerings provide us the ability to deliver finishing solutions that create operational value and product performance competitive advantages for our customers.



# About Pioneer Metal Finishing

Starting in 1945, Pioneer has focused on being a premier metal finisher partner for our customers. We exist to be an extension of our customers' business, providing value-added services that improve the performance of their products. This focus has led us to operate 11 facilities in the United States and Mexico, providing a full spectrum of finishing services.

**ISO** 9001  
Registered

**Nadcap**



U.S. Immigration  
and Customs  
Enforcement



**FFL Accredited**



**11** NORTH AMERICAN LOCATIONS  
**4,000** INDUSTRY SPECIFICATIONS  
**800,000** SQ. FT. OF MANUFACTURING  
**600,000,000** PARTS PROCESSED ANNUALLY

# All Pioneer Processes

## Adhesives & Coatings

Dry Film Lubricant  
Heat Reflective Coating  
Paint  
Powder Coating  
Rubber to Metal  
Adhesive Coating  
Zinc Rich Coating

## Aluminum Anodize

Type II Anodize  
Type III Hardcoat  
Type III with PTFE

## Conversions & Pretreatments

Aluminum Conversion Coating  
Aluminum Heat Treatment  
Manganese Phosphate  
Zinc Phosphate  
Pickle & Oil  
NDT: Non-Destructive Testing

## Finishing

Blasting  
Parts Washing  
Electropolishing  
Aluminum Passivation  
Stainless Steel Passivation

## Plating

Black Nickel  
Copper  
Electroless Nickel  
Electrolytic Nickel  
Functional Hard Chrome  
Gold  
Nickel Sulfamate  
Silver  
Tin  
Zinc

## Proprietary Finishing Services

ARP Acid Etch™  
CastGuard™  
EnduraGuard™  
FrostKote™  
Medi-Black™  
NiCoTef™  
NiTuff®  
NorGuard™  
NorKote™  
NorLast™  
NorLube™  
Optical Black®  
Steri-Safe™  
Vortex Anodizing

Request a quote at: [rfq@pioneermetal.com](mailto:rfq@pioneermetal.com)



**YOUR  
SPECS**



**YOUR  
SCHEDULE**



**YOUR  
SECURITY**

**Pioneer**  
METAL FINISHING

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