

MONROE MICHIGAN

525 TERNES DRIVE
MONROE, MICHIGAN 48162

ALUMINUM ANODIZING

TYPE II SULFURIC ANODIZE,
CLEAR AND DYED

TYPE III HARDCOAT, CLEAR AND
DYED

HARDLUBE
ANOLUBE

ANODIZING SEAL & POST-TREATMENT

NICKEL FLOURIDE
BLACK DYE

ALUMINUM CONVERSION COATING

NCH NON-CHROME CONVERSION
COATING/PASSIVATION FOR ALUMINUM
TYPE II TRIVALENT

CASTGUARD™

UNION CITY CALIFORNIA

32500 CENTRAL AVENUE
UNION CITY, CALIFORNIA 94587

ANODIZING

TYPE II SULFURIC ANODIZE,
CLEAR AND DYED

TYPE III HARDCOAT, CLEAR AND
DYED

ALUMINUM CONVERSION COATING

TYPE I HEXAVALENT
TYPE II TRIVALENT

ELECTROLESS NICKEL PLATING

MID PHOSPHORUS
HIGH PHOSPHORUS

PRECIOUS METAL PLATING

GOLD-HARD BRIGHT
GOLD-PURE BONDABLE
SILVER
RHODIUM

ELECTROLYTIC NICKEL PLATING

NICKEL
SULFAMATE NICKEL

STAINLESS STEEL FINISHING

PASSIVATION
ELECTROPOLISH

PRECISION MASKING

PRESERVE DIMENSIONAL TOLERANCES
ENHANCE CONDUCTIVITY

PORTLAND OREGON

19005 SW 125TH COURT
TUALATIN, OREGON 97062

ALUMINUM ANODIZING

TYPE II SULFURIC ANODIZE,
CLEAR AND DYED

TYPE III HARDCOAT, CLEAR AND DYED

BRIGHT DIP ANODIZE,
CLEAR AND DYED

FROSTKOTE
HARDLUBE

ANODIZING SEAL & POST-TREATMENT

20+ IN-LINE DYE TANKS
NICKEL ACETATE
HOT DI WATER

ALUMINUM CONVERSION COATING

TYPE I HEXAVALENT
TYPE II TRIVALENT

OPTICAL BLACK®

MEDI-BLACK™

ELECTROLESS NICKEL PLATING

MID PHOSPHORUS
HIGH PHOSPHORUS
NORKOTE
NORGUARD

PRECISION MASKING

PRECIOUS METAL PLATING

SILVER
GOLD-HARD
GOLD-SOFT

ELECTROLYTIC METAL PLATING

NICKEL
SULFAMATE NICKEL
TIN-BRIGHT
TIN-MATTE
ZINC

BLASTING

LEARN MORE BY VISITING

www.pioneermetal.com

SOUTH BEND INDIANA

2424 N FOUNDATION DRIVE
SOUTH BEND, INDIANA 46628

ALUMINUM ANODIZING

TYPE II SULFURIC ANODIZE,
CLEAR AND DYED

TYPE III HARDCOAT, CLEAR AND DYED
NITUFF

ANODIZING SEAL & POST-TREATMENT

CUSTOM COLORS AVAILABLE
NICKEL ACETATE SEAL
PTFE SEAL

ELECTROLESS NICKEL PLATING

LOW PHOSPHORUS
MID PHOSPHORUS
HIGH PHOSPHORUS
NICOTEF
NORKOTE
NORGUARD
NORLAST

STAINLESS STEEL FINISHING

PASSIVATION

PRECISION MASKING

WARREN MICHIGAN

13251 STEPHENS RD & 24600 INDUSTRIAL
HWY WARREN, MICHIGAN 48089

ADHESIVES AND COATINGS

RUBBER TO METAL ADHESIVES
DRY FILM LUBRICANT
ZINC RICH COATING
PTFE COATING
HEAT REFLECTIVE COATING

CHEMICAL PRETREATMENT

ALUMINUM WASH
ALKALINE WASH
MANGANESE PHOSPHATE
PICKLE AND OIL
ZINC PHOSPHATE: MICRO,
MEDIUM MACRO

MECHANICAL PRETREATMENTS

GRIT BLASTING

APPROVED APPLICATOR FOR:

LORD
DOW
DUPONT
DORKEN
CILIBOND

GREEN BAY WISCONSIN

486 GLOBE AVENUE
GREEN BAY, WISCONSIN 54304

ALUMINUM ANODIZING

TYPE II SULFURIC ANODIZE,
CLEAR AND DYED
TYPE III HARDCOAT, CLEAR AND DYED
HARDLUBE
FROSTKOTE

ANODIZING SEAL & POST-TREATMENT

NICKEL FLOURIDE
HOT DI WATER
CUSTOM COLORS AVAILABLE

ALUMINUM CONVERSION COATING

TYPE II TRIVALENT

CASTGUARD™

ELECTROLESS NICKEL PLATING

LOW PHOSPHORUS
MID PHOSPHORUS
HIGH PHOSPHORUS
NICOTEF
NORKOTE
NORGUARD
NORLAST
NORLUBE

STAINLESS STEEL FINISHING

PASSIVATION

PRECISION MASKING

BLASTING

QUERETARO MEXICO

AV EL TEPEYAC 1220 PARQUE INDUSTRIAL
O'DONNELL EL MARQUES, QRO. 76246

ADHESIVES AND COATINGS

RUBBER TO METAL ADHESIVES
DRY FILM LUBRICANT
ZINC RICH COATING
PTFE COATING

CHEMICAL PRETREATMENT

ALUMINUM WASH
ALKALINE WASH
ZINC PHOSPHATE: MICRO, MACRO

MECHANICAL PRETREATMENTS

GRIT BLASTING

APPROVED APPLICATOR FOR:

LORD
DUPONT
MAGNI
CILIBOND
ECL
CURTISS-WRIGHT

MINNEAPOLIS MINNESOTA

4800 QUEBEC AVENUE NORTH
NEW HOPE, MINNESOTA 55428

ALUMINUM ANODIZING

TYPE II SULFURIC ANODIZE,
CLEAR AND DYED
TYPE III HARDCOAT, CLEAR AND
DYED
BRIGHT DIP ANODIZE, CLEAR AND
DYED
FROSTKOTE
HARDLUBE
ALUMINIUM DIE CAST ARP ACID ETCH

ANODIZING SEAL & POST-TREATMENT

DICHROMATE
NICKEL FLOURIDE
NICKEL ACETATE
HOT DI WATER
DRY FILM

ALUMINUM CONVERSION COATING

TYPE I HEXAVALENT
TYPE II TRIVALENT

CASTGUARD™

ENDURAGUARD™

STERI-SAFE™

OPTICAL BLACK®

MEDI-BLACK™

PRECISION MASKING

LASER ABRASION MASKING

CHIPPEWA FALLS WI

1610 PALMER STREET
CHIPPEWA FALLS, WISCONSIN 54729

INDUSTRIAL HARD CHROME PLATING

0.0002"-0.100" THICKNESS
18.5' LONG, 10,000 LBS,
48" DIAMETER

CHROME STRIPPING

CYLINDRICAL GRINDING

COMMERCIAL GRADE
MIRROR UP TO 16RA
OPTICALLY FLAWLESS
MIRROR DOWN TO 0.3RA
18.5' LONG, 10,000 LBS,
40" DIAMETER

DEMAGNETIZATION

BLASTING

SALT LAKE CITY UTAH

1225 S LEGACY VIEW STREET
SALT LAKE CITY, UTAH 84104

ANODIZING

TYPE II SULFURIC ANODIZE,
CLEAR AND DYED
TYPE III TYPE 1C SULFURIC-BORIC
ANODIZE, HARDCOAT, CLEAR AND
DYED
BRIGHT DIP ANODIZE, CLEAR AND
DYED

ALUMINUM CONVERSION COATING

TYPE I HEXAVALENT
TYPE II TRIVALENT

POWDER AND LIQUID COAT

PRETREATMENTS: BLASTING,
ALUMINUM CONVERSION COATING,
IRON PHOSPHATING

DRY FILM LUBRICANT

STAINLESS STEEL FINISHING

PASSIVATION
ELECTROPOLISH

MECHANICAL FINISHING

BLASTING
TUMBLING

HEAT TREAT

SOLUTION HEAT TREAT
ANNEALING

AEROSPACE CERTIFIED ALUMINUM
HEAT TREAT

PART MARKING

DIRECT TO PART INK
SCREEN AND PAD PRINTING
CO2 FIBER LASER ENGRAVING

NON-DESTRUCTIVE TESTING

NDT INSPECTION
DYE PENETRANT INSPECTION

PRECISION MASKING

PRESERVE DIMENSIONAL TOLERANCES
ENHANCE CONDUCTIVITY



YOUR
SPECS



YOUR
SCHEDULE



YOUR
SECURITY