

# MANUFACTURING GROUP

1906 CLOVER RD, MISHAWAKA, IN 46545 **MET-MFG.COM** 

MET specializes in precision sheet metal fabrication using photochemical etching, waterjet cutting, and other value added fabrication processes. Advantages of photochemical etching include low tooling costs, stress-free application that allows tight manufacturing tolerances, product consistency, and a fast turnaround time. Waterjet cutting offers similar benefits but can handle thicker materials and different alloys. Both production methods are set up for large volume manufacturing.











#### PRIMARY SERVICES

# **Photochemical Etching**

- **Advantages** Low Tooling Cost
- Rapid Prototype
- Burr Free Ability
- Ouick Lead Times

#### Maior Industries Served

- Semi-Conductor
- Aerospace
- Small Electronics
- Medical
- EV Battery/Electrical

#### STOCK METALS

- Copper
- Beryllium Copper
- Brass
- Bronze
- Phosphorus Bronze
- Inconel
- Kovar
- Mu Shielding Metals
- Nickel
- Nickel Silver
- Cold Rolled Steel & Tool Steel
- Stainless Steel

#### **PRODUCTS**

- Battery Connectors
- Base Plates
- FMI/RFI Shields
- Encoder Discs
- Filters/Screens
- Ground Plates
- Lead Frames
- Shims and Washers
- Microwave Circuits
- Capacitor Covers
- Rosette Springs
- Terminal Contacts
- Nameplates
- Braille Plates





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#### **PRIMARY SERVICES**

#### **WATERJET CUTTING**

## **Advantages**

- Accuracy of +/- .003"
- Wide Substrate Offerings/Capabilities
- High cut edge quality
   No HAZ, pure material

#### **Major Industries Served**

- EV Battery
- Marine
- Aerospace
- Aluminum Products
- Defense

#### **Typically Cut Products**

- Metal Alloys
- Rubbers
- Plastics
- Foams
- Epoxy reinforced Composites
- Glass
- Granite
- Stone

### Value Added Services

- Forming
- Welding
- Plating
- Powder Coating
- Heat Treating
- Passivation
- Milling
- Tapping
- Countersink
- Laser Cutting
- Burnishing
- Hardware Installation
- Specialty Packaging
- E•Coating
- CMM Inspection/PPAP
- Microscope Surface Inspection



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