

## **ASSEMBLY**

Since 1987, Northern Metal Fab (NMF) has been building heavy fabrications for industrial customers in Water Treatment, Commercial Marine, Industrial Vehicles, Air & Bulk Handling and more.

Our combined experience, skills and capabilities result in products that consistently meet customers' expectations for quality, delivery and cost. Large or small, NMF strives to build long working relationships with all our customers.



## **AT A GLANCE**

- 30+ years' experience in heavy fabrication
- Capabilities inc. mechanical, electrical & plumbing assembly
- 100,000 pounds heavy lift capacity
- In-house services from estimating to finishing & assembly
- Deep knowledge of welding processes including GMAW, SMAW, GTAW & SAW
- 50+ welders with AWS D1.1 & D1.6 & ASME IX Certifications and an in-house Certified Weld Inspector
- Additional inspection capabilities include Liquid Penetrant,
  Ultrasonic & Magnetic Particle testing
- ASME U & National Board R Stamps





## **PROCESS**

- Our Engineers use COMPRESS™, SOLIDWORKS® and AutoCAD® Software to ensure compliant and cost-effective designs. We work with your Engineers and Project Managers to make sure your projects meet your customers' requirements quickly and efficiently. When appropriate, we suggest changes that improve quality and reduce cost.
- Our Project Managers ensure your project flows through our shop quickly and efficiently and maintain communication throughout the project with your team.
- Northern Metal Fab has long standing relationships with a wide range of suppliers throughout the United States and can quickly source the material required. Critical materials are controlled and tracked from receipt through shipment.
- Schedules and Project Plans that range from high level workload forecasts through to daily reviews of progress through individual operations and work centers are maintained for all projects.
- Quality is closely monitored by our in-house inspectors, including a certified weld inspector and expertise in many NDT inspection processes.











## **CAPABILITIES**

info@nmfinc.com

www.nmfinc.com

- Our in-house engineers develop detailed methods and production drawings for projects.
- We have a full complement of fabrication equipment including a 6' x 12' 6,000 Watt Fiber Laser, 14' x 54' Plasma and Oxy-Fuel Cutting table, Press Brakes up to 600 tons, Saws, Shears and Rolls. We work with Carbon and Stainless steel and Aluminum from gauge material up to six inch plate.
- Our welding is controlled by certified weld procedure standards and our welders maintain continuity on a regular basis.
- Standard finishes include a wide variety of wet paint processes. The blast and paint facilities include 20' x 20' x 60' booths that allow us to finish everything we produce.
- Assembly capabilities allow us to ship completed products directly to your customer, avoiding expensive intermediate stops for further operations.