

FABRICATED HYDRAULIC STRUCTURE SOLUTIONS

Moran Iron Works is a national leader in modular fabrication, specializing in turnkey metal solutions for hydro power generation and WWTP facilities.



HYDRAULIC STRUCTURES AND EQUIPMENT

IN-KIND REPLACEMENTS OR NEW ENGINEERED SOLUTIONS

With our AISC certifications of (FCE) Fracture Critical Endorsement, (HYD) Hydraulic Steel Structures, and (P2) Sophisticated Paint Endorsement, Moran Iron Works has the capability to custom-fabricate all types of auxiliary equipment for the U.S. Army Corps of Engineers.

STOP LOGS & BULKHEADS



- Stop Logs
- Bulkheads
- Lifting Beams
- Pump Frames
- Templates

OTHER



- Log Screens
- Traveling Screens
- Penstocks
- Ice Dam Beam Systems
- Dam Boards
- Spillway Systems

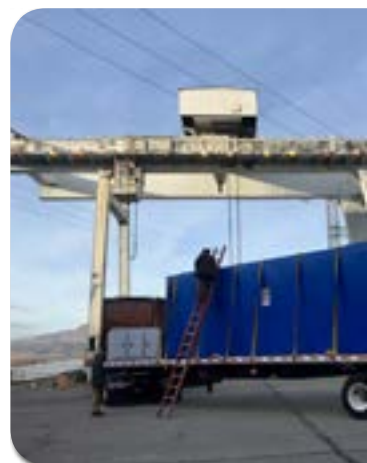


FOUR (4) SETS OF STOP LOGS



Moran Iron Works was awarded the contract to fabricate, machine, paint, package, and deliver four (4) sets of stop logs to the Rock Island Dam.

Customer Chelan County PUD No. 1
Location Rock Island, WA
Weight 175,098 lbs
Material A572 GR 50 Carbon Steel
 A276 304 Stainless Steel
 A36 Carbon Structural Steel
Dates of Performance Jun. 2017 - Feb. 2018



GATES



- Radial Gates
- Tainter Gates
- Miter Gates
- Sluice Gates
- Slide Gates
- Control Gates
- Vertical Lift Gates

TRASH RACKS



- Stackable Frames
- Screen Inserts
- Fine Screen Attachments
- Custom Designed/ Handling Storage Fixtures
- Beam/Trolley/Hoist Systems



HYDRAULIC STRUCTURE PROJECTS - PAST PERFORMANCE

YEAR	SCOPE OF WORK	CUSTOMER	LOCATION
2008	Repair of Upstream Emergency Lift Gate for Soo Locks	Ryba Marine	Sault Ste. Marie, MI
2008	Fabrication of GIWW Bypass Gates	F. Miller Construction	Port Sulphur, LA
2007	Fabrication of (2) Tainter Gates	Christie Engineering	Gladwin, MI
2000	Fabrication of Trolley and Stop Gates	Wisconsin Public Service	Carney, MI
2001	Fabrication of Cofferdam Gate for Kleiber Dam	Wolverine Power Supply Co.	Tower, MI

PROVIDING SOLUTIONS FOR OVER FOUR DECADES.

SOLUTIONS BASED PARTNERSHIP

- On-Site Inspection of Existing Systems
- Detailed Inspection Reporting
- Failure Assessment
- Evaluations and Recommendations
- Reverse Engineered Designs
- Value-Added Installation Aids



DESIGN

Our engineering department works closely with you to ensure a smooth project execution.



MACHINE

A focus on lean process eliminates product handling by using in-house machining for cutting, punching, rolling, etc.



FABRICATE

World class welders using state-of-the-art equipment provide the utmost in quality and value.



TEST

Our team of Certified Welding Inspectors exceed industry standards with thorough inspection procedures.



DELIVER

Top-notch logistical capabilities for truck or barge shipment to locations throughout the world.



REPEAT

Manage successful projects to earn repeat business, establishing rapport with quality clients and vendors.



MEET

TOM MORAN

Founder & Chief Executive Officer

Born and raised in Onaway, Michigan, Tom started Moran Iron Works after high school graduation. His vision for growth and prosperity in Northeast Michigan has become a reality through forty years of hard work and dedication in the trades industry.

**FROM DESIGN TO DELIVERY,
AND EVERYTHING IN BETWEEN...
WE ARE YOUR FULL SERVICE FABRICATOR.**