

# Modern Aluminum Castings Co., Inc.

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1400-1500 N 14th Street, Terre Haute, IN 47807



*Modern*

## ALUMINUM CASTINGS CO., INC.

QUALITY ALUMINUM CASTINGS • WOOD-METAL PATTERN EQUIPMENT

1400-1500 NORTH 14TH STREET • TERRE HAUTE, INDIANA 47807  
PHONE 812/232-0007 FAX 812/232-0009

Established in 1919, Modern Aluminum Castings Co., Inc. draws on its heritage as pattern makers to solve customers' casting challenges and efficiently produce castings for OEMs worldwide.



J o s e p h   R o u r k e



PATTERN DEPARTMENT

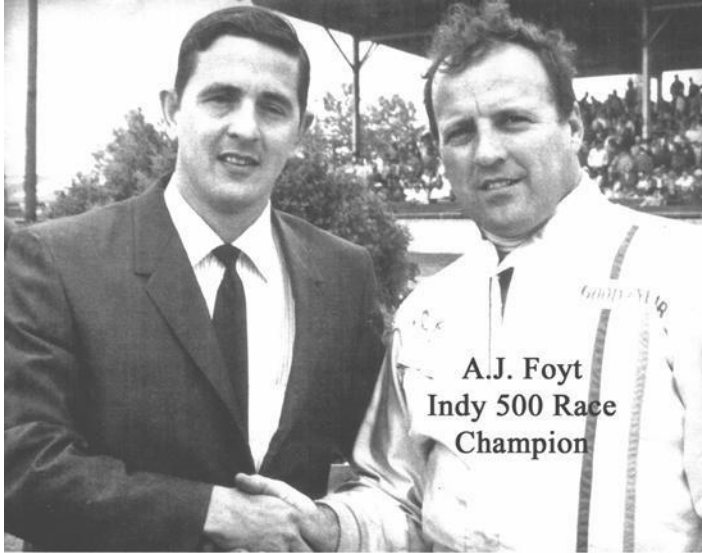


CORE DEPARTMENT



FOUNDRY DEPARTMENT





In 1957 as a successor to Joseph Rourke, William "Bill" Rourke became general manager of operations. During William's tenure the company expanded as a major high production Aluminum Casting Foundry, installing automated equipment and buildings to meet growing customer demands.

Modern Aluminum Castings Co., Inc. serves a wide range of industries - from Fortune 500 corporations to small and midsize OEMs. Our customer base includes but is not limited to these end-market segments:

- Appliance
- Automotive
- Construction
- Electrical lighting
- HVAC
- Industrial machinery
- Medical devices
- Sporting goods



William Rourke

William Rourke retired from full-time employment in 2004 with son, Michael Rourke, and Son-In-Law, Jefferey Farmer, becoming over all managers of operations in partnership.

- ▶ Mike Rourke assumes the role of Sales and Administration Manager working with customers and suppliers at the point of quotation.

- ▶ Jeff Farmer fulfills the role of Manufacturing and Engineering Manager coordinating procurement and quality control.







During the 1990's Modern Aluminum updated our 35,000 square foot Indiana facility with a fully automated production system designed to meet your most demanding casting requirements. Offering complete alloy sand casting services, from design to delivery.



► Modern Aluminum Castings Co., Inc. is capable of fulfilling your complete finishing needs, including heat treatments, coatings, machining, and surface treatments such as vibratory finishes and shot blasting.





► In 1998, Modern Aluminum began global sourcing focusing on the procurement of a broad range of Manufacturing processes.

Aluminum -Iron -Steel -Plastics

- -Castings
- -Forgings
- -Stampings
- -Custom Machined Parts
- -Injection and Vacuum Plastic Molding Parts
- -Sub-assemblies per customer

needs





Modern Aluminum has built lasting relationships with foreign suppliers to maintain the quality and reliability that our customers have come to expect over the last century.



Modern Aluminum works to guarantee quality by making frequent in person visits with our suppliers.  
Furthermore, our preferred supplier has been certified by SGS, ISO9001 :2008.



Access to a broad range of alloys High Pressure Die Cast

Low Pressure / Gravity Cast



Stamping



Sand Casting



Machining



Extruded Aluminum  
18" x 144"



Sand Cast  
Grey Iron



Die cast  
A380 Aluminum  
Electronic panel



Casting and Machining  
A356 and Stainless Steel  
Production Pallet



Permanent Mold  
A356-T6 Aluminum  
20" and 24" Diameter Fan



Permanent Mold  
A356-T6 Aluminum  
20" and 24" Diameter housing



Sand Casting  
356 Aluminum Polished  
Caster Housing and components



Die cast  
A380 Air Duct bracket for



Extrusion, casting, machining, and assembly  
6061-T6, A380, Electronics  
Locking Mechanism

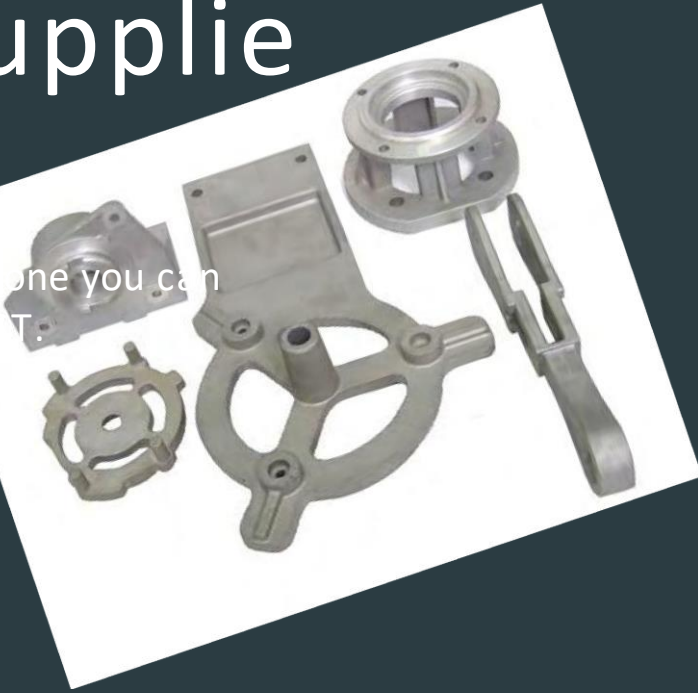


So much more than just asking for an RFQ...  
Your brand reputation depends on a supplier you can TRUST and DEVELOP.

| Phase | Description   |
|-------|---|
| 1     | Review design, locate suppliers*, supplier verification                 |
| 2     | Initial supplier visits and evaluation of management's interest         |
| 3     | Requests for quotations   |
| 4     | Supplier audits and selection matrix report                             |
| 5     | Supplier negotiation support  |
| 6     | QA/QC plan: incoming material, work in process, finished goods          |
| 7     | Sampling and prototypes   |
| 8     | Ongoing supply chain management: purchase orders, consolidation, export |

# World-Class Suppliers

For the one you can  
TRUST:



“Not a day should go by without some kind of improvement being made somewhere in the company.”

-Masaaki Imai, Father of Kaizen

## QA/QC Solutions

- Incoming Quality Control (IQC)
- In Process Quality Control (IPQC)
- Outgoing Quality Control (OQC)
- Initial Sample Inspection Reports (ISIR)
- First Article Inspection Report (FAI)

## Other Reports & Audits

- ISO 9001 and/or ISO/TS 16949
- ISO 14001
- Production Part Approval Process (PPAP)
- Failure Mode Effect Analysis (FMEA)
- Advanced Product Quality Planning (APQP)
- Statistical Process Control (SPC)
- Measurement System Analysis (MSA)
- Root Cause Analysis
- Social Responsibility Audits
- Health & Safety Audits

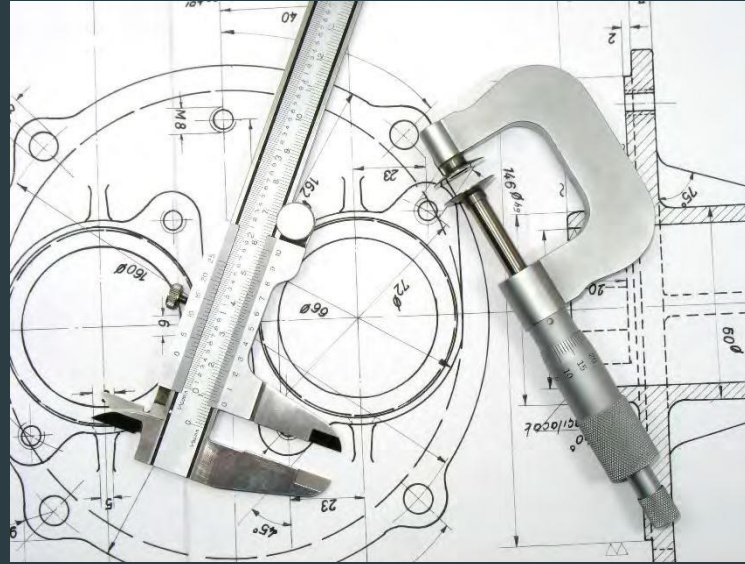


# World-Class Suppliers

Find one you can DEVELOP.

## Commandments for Continuous Improvement

1. Problems create opportunities.
2. Ask why five times.
3. Seek ideas from everyone.
4. Think of solutions that make it possible.
5. Re-evaluate fixed ideas.
6. Excuses are not needed.
7. Choose a simple solution, not the perfect one.
8. Correct mistakes immediately.
9. Use your craftiness, not your cash.
10. Continuous improvement is endless.



"Continuous improvement is better  
than delayed perfection."  
-Mark Twain

- ▶ Modern Aluminum Castings Co., Inc. has succeeded through four generations by forming strategic partnerships with our customers and suppliers.
- ▶ We have capabilities to deliver quality components nationwide with facilities in Indiana.
- ▶ Let Modern Aluminum maintain sufficient inventory to meet your production requirements on time and within budget.





**MODERN ALUMINUM CASTINGS CO., INC.**

1400-1500 North 14th Street

Terre Haute, IN 47807

Website: [www.modernaluminum.com](http://www.modernaluminum.com)

**SALES PRINCIPALS - DIRECT**

Mike Rourke - National Sales Manager  
(812) 841-5509 • [Mike@modernaluminum.com](mailto:Mike@modernaluminum.com)

Jeff Farmer - Sales Engineering and Plant Manager  
(812) 249-4362 • [Jeff@modernaluminum.com](mailto:Jeff@modernaluminum.com)

Doug Rourke - Inside Sales and Operations Coordinator  
(812) 243-1688 • [Doug@modernaluminum.com](mailto:Doug@modernaluminum.com)

**CUSTOM COMPONENT PARTS**  
**Guaranteed Quality**  
**Competitive Prices**

**Global and Domestic Procurements and Manufacturing**

Aluminum • Iron • Steel • Plastics

- Castings
- Stampings
- Injection and Vacuum Plastic Molding Parts
- Sub-assemblies per customer needs
- Forgings
- Custom Machined Parts

**Optional Secondary Finishing Operations**

- Drilling and CNC Machining
- Shotblast Finishing and Painting
- Vibratory and General Polishing
- Electrostatic Power Coating
- Fluidize Bed - Nylon Coating

**Engineering Assistance Service Available**

**Inventory with Prompt Direct and  
Drop off Delivery Services**

Member - American Foundrymen's Society - American Society of Metals



# PERRY JOHNSON REGISTRARS, INC.

## *Certificate of Registration*

*Perry Johnson Registrars, Inc., has audited the Quality Management System of:*

**Modern Aluminum Castings Co., Inc**  
1400 North 14th Street, Terre Haute, IN 47807 United States

*(Hereinafter called the Organization) and hereby declares that Organization is in conformance with:*

**ISO 9001:2015**

*This Registration is in respect to the following scope:*

**Provider of Metal Castings of Various Metals Via Die Casting, Sand, Permanent Mold and other  
Casting Processes**

*This Registration is granted subject to the system rules governing the Registration referred to above, and the  
Organization hereby covenants with the Assessment body duty to observe and comply with the said rules.*



Terry Boboige, President

Perry Johnson Registrars, Inc. (PJR)  
755 West Big Beaver Road, Suite 1340  
Troy, Michigan 48084  
(248) 358-3388

*The validity of this certificate is dependent upon ongoing surveillance.*

Effective Date:  
June 3, 2024

Expiration Date:  
May 30, 2027

Certificate No.:  
C2024-03088