Modern Aluminum Castings Co., Inc.

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Review design, locate suppliers*, supplier verification</td>
</tr>
<tr>
<td>2</td>
<td>Initial supplier visits and evaluation of management’s interest</td>
</tr>
<tr>
<td>3</td>
<td>Requests for quotations</td>
</tr>
<tr>
<td>4</td>
<td>Supplier audits and selection matrix report</td>
</tr>
<tr>
<td>5</td>
<td>Supplier negotiation support</td>
</tr>
<tr>
<td>6</td>
<td>QA/QC plan: incoming material, work in process, finished goods</td>
</tr>
<tr>
<td>7</td>
<td>Sampling and prototypes</td>
</tr>
<tr>
<td>8</td>
<td>Ongoing supply chain management: purchase orders, consolidation, export</td>
</tr>
</tbody>
</table>
World-Class Suppliers
Find 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
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

World-Class Suppliers

Find one you can DEVELOP.

Commandments for Continuous Improvement
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.