Globally Renowned for Engineered Castings

Manufacturing & Engineering Experts
High - Pressure Die Casting
Gravity Die Casting
Sand Casting
ABOUT SIGMA ELECTRIC GROUP

OUR MISSION

To be a global leader in manufacture of ferrous and non-ferrous castings, precision machined components and sub-assemblies.

To achieve profitable growth by providing premium customer service in the market segments such as electrical, lighting, industrial, power tools, process instrumentation, appliances, Marine and telecom.

Headquartered in Garner, North Carolina, Sigma Electric Manufacturing Corporation is a global leading manufacturer of precision machined castings and components.

Sigma has established in 1982 and today it has twelve world-class manufacturing facilities in India & Mexico and a Global Supply Chain delivery center in Garner, NC. Sigma supplies MNCs across the world in the electrical, lighting, home appliances, telecom, industrial and process instrumentation markets. Sigma offers customers a wide range of services including engineering and design, secondary finishing, assembly, packaging and global supply chain management. Sigma’s engineering expertise, lean manufacturing practices, innovative products, and superior customer service makes it the preferred partner of choice for many of the world’s leading brands.

Avalon Precision Metalsmiths (A subsidiary of Sigma Electric Group) is a full-service, turnkey investment casting company. With three fully-equipped metal casting foundries in Cleveland, Ohio; Jackson, Wis.; and Markesan, Wis., we offer redundant manufacturing capabilities that enable us to produce top-quality precision parts for our customers in industry-leading turnaround times. It caters to aerospace, defense, HVAC, power, agriculture, oil & gas end markets. The company has certifications including AS 9100D, ITAR, PED, ANAB, ISO and Nadcap. Avalon has differentiated itself in the marketplace due to its people, processes, capabilities and expertise.

Our facilities include labs that are UL accredited, world-class tool rooms, R&D center. All facilities practice lean manufacturing and are certified for the latest quality and environmental management systems. The company has set up an outstanding special purpose machine design and development center, high-end precision machining and sub-assembly capabilities along with global supply chain management expertise.

Sigma’s superior facilities along with engineering expertise allow us to offer design & engineering support, design for manufacturing (DFM) solutions and Value Addition/Value Engineering projects to our customers.
Sigma Electric Mexico

Specializes in aluminum and zinc die casting, machining, assembly and other plating services for the military, telecommunications and LED lighting industries. It offers more services like engineering and prototype, plastic injection molding, sheet metal, stamping, plating, painting, pad printing, silk screening, testing and inventory management.

Customer focus

Sigma has established a strong relationship with global players in the industries in which it operates, often delivering projects designed to specific customer requirements.

Customer centricity, defined as the ability to anticipate and quickly meet customer needs, is a trademark of the company’s activities and is reflected in its constant presence, from product design to delivery, and provision of a level of service in line with customer expectations which are constantly monitored using specific, agreed parameters.

Sigma is able to develop solutions that not only meet specific standards but also satisfy customer requirements. This is achieved by having a fast, smooth organization throughout the supply chain, capable of speeding-up decision-making and time to market by adapting itself to the demands of the various industries and continuously investing in innovation.

The company continuously raise the bar, with the aim of being a benchmark in terms of quality of product, speed and flexibility.

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Plant 1</th>
<th>Plant 2</th>
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<tbody>
<tr>
<td></td>
<td>Juarez, Mexico</td>
<td>Juarez, Mexico</td>
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<table>
<thead>
<tr>
<th>SIZE</th>
<th>Plant 1</th>
<th>Plant 2</th>
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<tbody>
<tr>
<td></td>
<td>38,000 Sq. ft</td>
<td>104,000 Sq. ft</td>
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<table>
<thead>
<tr>
<th>PROCESSES</th>
<th>Plant 1</th>
<th>Plant 2</th>
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<tbody>
<tr>
<td></td>
<td>Aluminum &amp; Zinc die casting, trimming/flash removal, repair, and maintenance</td>
<td>Deburring, machining, sand blasting, assemblies, painting</td>
</tr>
</tbody>
</table>
Sigma Electric Mexico
Infrastructure
Product Range

**Lighting**
Materials: Aluminum, Zinc

**Medical**
Materials: Aluminum, Zinc
Product Range

**Industrial**
Materials: Aluminum, Zinc, Iron

**Marine**
Materials: Aluminum, Zinc
Product Range

Telecom
Materials: Aluminum

ONE STOP SHOP

World class engineering
Product designs and CAD/ CAM facilities for tooling
Special purpose machines design and development

State of the art manufacturing facilities
Advanced die casting and sand casting facilities
Precision machining capabilities
Liquid painting and powder coating facilities
Sub-assembly capabilities
Customized packaging methods
Value addition/value engineering

Excellence in quality
Quality products
ISO and RoHS compliance
Well-equipped UL certified laboratory

Global supply chain
Exports over 1000 containers per year
Large warehouse and technical support team in the USA
More than 30 years of experience in casting globally
CONTACT US
SIGMA ELECTRIC MEXICO

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