

POM, Incorporated - Sustainability Program

Vision

To lead the high-pressure die casting industry in sustainable practices, setting a precedent for environmental responsibility while producing superior aluminum and zinc castings, and reliable parking meters.

Objectives

Resource Efficiency: Enhance efficiency in utilizing aluminum, zinc, and plastic resources, reduce waste.

Energy Efficiency: Optimize energy consumption in our die casting, machining, and painting processes.

Carbon Footprint Reduction: Target reduced emissions from our die casting and machining processes, striving for carbon neutrality.

Water Stewardship: Improve water management in our cooling and painting processes.

Waste Management: Achieve maximum recycling rates in our casting and plastic waste.

Sustainable Supply Chain: Align with suppliers who share our sustainability vision and standards.

Employee Well-being and Development: Prioritize a safe and healthy work environment; empower employees with knowledge and skills on sustainability.

Community Integration: Actively participate in and contribute to sustainable local initiatives.

Strategies and Initiatives

1. Resource Efficiency

- Optimize the use of aluminum and zinc in the casting process to reduce wastage.
- Integrate efficient design practices to minimize plastic use in parking meters.
- Develop or invest in technologies to reuse excess metal shavings or scraps in future casting processes.

2. Energy Efficiency

- Retrofit machines with energy-efficient parts and implement smart systems to ensure machinery operates at maximum efficiency.
- Utilize downtime management to save energy when machines are not in use.

3. Carbon Emission Reduction

- Transition to low-carbon technologies in the die casting and machining process.
- Regularly maintain and upgrade equipment to ensure energy-efficient operation and reduce carbon emissions.

4. Water Stewardship

- Invest in water recycling systems specifically designed for cooling processes in die casting and water-based painting.
- Regularly monitor and repair leaks to prevent water wastage.

5. Waste Management

- Recycle plastic and metal waste produced during the manufacturing process.
- Dispose of non-recyclable waste responsibly and in compliance with local regulations.

6. Sustainable Supply Chain

- Work with aluminum, zinc, and plastic suppliers that demonstrate sustainable extraction and production practices.
- Implement a Supplier Sustainability Assessment to ensure our suppliers share our sustainability vision.

7. Employee Well-being and Development

- Implement comprehensive training programs that educate employees on sustainability in the die casting industry.
- Ensure all health and safety regulations are exceeded, providing a safe and green work environment.

8. Community Integration

- Sponsor or participate in local sustainability initiatives like tree-planting or clean-up drives.
- Collaborate with local educational institutions to provide practical learning opportunities about sustainable manufacturing.

Monitoring and Evaluation

Set clear benchmarks and performance indicators to measure progress in energy and water use, waste generation, carbon emissions, and supply chain sustainability.

Conduct regular audits, both internally and via third parties, to evaluate our sustainability performance.

Communication

Regularly communicate our sustainability goals, progress, and challenges to stakeholders, employees, and customers.

Use our standing in the community to promote awareness and action on environmental sustainability.