

Indofen leverages Siemens Xcelerator to drive efficiency, sustainability, and scalability

- **With Performance Insight, an Industrial Edge based solution from the Siemens Xcelerator portfolio, Indofen accelerates digital transformation for their customers**
- **Scalable model for adopting Industrial Edge solution for data-driven decisions in aluminum recycling and foundry operations**
- **Real-time data insights enable smarter, cleaner, and more efficient metal processing**

In a significant step towards digital transformation, Indofen Furnaces LLP, a premium furnace manufacturer specialized in advanced furnace systems for the aluminium recycling and die casting industry, has deployed Siemens' Industrial Edge solution to modernize operations. This strategic move is enabling Indofen to unlock new levels of efficiency, sustainability, and scalability for their customers – setting a precedent for the aluminum recycling and foundry sector.

In an industry where **fuel consumption, process variability, and unplanned downtime** can significantly impact profitability and sustainability, Indofen's adoption of edge computing and real-time analytics has delivered measurable improvements in operational transparency, process control, and decision-making speed. With this integrated solution from Indofen, companies can optimize fuel usage, reduce unplanned downtime, and maintain consistent product quality- all while meeting stringent environmental and regulatory standards.

"Siemens Performance Insight provides our customers a comprehensive view of furnace performance – including production data like metal charging and metal bale out, fuel usage, temperature through real-time data, enabling operational transparency and swift informed decision-making," said Ezhil Kumar, Managing Director, Indofen.

"Digitalization is the key to unlocking the full potential of India's manufacturing sector. This collaboration is a great testimony to how the Siemens Xcelerator portfolio is enabling India's small and medium enterprises to thrive in a digital-first economy by delivering scalable, intelligent, and future-ready solutions. We are proud that Indofen has chosen our Siemens Xcelerator portfolio to make data-driven decisions, enhance productivity, and scale sustainably." said Suprakash Chaudhuri, Head of Digital Industries, Siemens Limited, India.

Siemens Performance Insight is part of the **Siemens Xcelerator** portfolio—an open digital business platform that accelerates digital transformation across industries. For the aluminum recycling and foundry sector, where energy intensity, process variability, and quality control are constant challenges, such solutions offer a clear path to sustainable and profitable growth.

Key Benefits for the Aluminum Recycling and Foundry Sector:

- **Operational Transparency:** Real-time monitoring of furnace parameters such as fuel usage, metal charging, and temperature enables better control and consistency in output.
- **Energy Efficiency:** Data-driven insights help reduce fuel consumption and emissions, aligning with global sustainability goals and regulatory requirements.
- **Reduced Downtime:** Predictive alerts and performance analytics minimize unplanned stoppages, improving throughput and equipment lifespan.
- **Scalability:** Modular digital solutions allow them to support and scale operations without compromising quality or efficiency.
- **Regulatory Compliance:** Enhanced traceability and reporting support adherence to environmental and safety standards.

More information about Siemens collaboration with Indofen at:

<https://www.siemens.com/in/en/company/topic-areas/digital-enterprise/references/indofen.html>

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Indofen Furnaces LLP INDOFEN FURNACES LLP, established in 2013 in Coimbatore, India, is a leading provider of comprehensive furnace solutions for the aluminium recycling, cast house, and die-casting industries. The company specializes in designing and manufacturing custom industrial furnaces and refractory materials, ensuring optimal performance and efficiency. With installations across Europe, the Middle East, South Africa, Mexico, and South America, INDOFEN is recognized for its technological excellence and outstanding customer service. Further information is available on the Internet at <https://www.indofen.com/>.

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