

INOXAP Commissions its First Ultra-High Purity Liquid Oxygen Facility at Hosur, TN

Aims to Strengthen India's semiconductor and solar ecosystem with indigenised 6N Ultra-High Purity Liquid Oxygen supply

With its capacity of 500 Nm³/hr the facility aims to enhance domestic capability in high-purity gases for sunrise industries

Mumbai, 2nd April, 2026. INOX Air Products Private Limited (INOXAP), one of India's leading manufacturers of industrial, electronic and medical gases, has successfully commissioned an Ultra-High Purity (UHP) Liquid Oxygen plant at Hosur, Tamil Nadu. The commissioning marks a significant milestone in strengthening India's advanced manufacturing ecosystem, especially for the sunrise sectors like semiconductor and solar cell manufacturing.

The facility produces 6N grade (99.9999% purity) Ultra-High Purity Liquid Oxygen, with a capacity of 17 TPD (500 Nm³/hr), catering to the stringent requirements of semiconductor and solar manufacturing industries. Strategically located in Hosur, one of the industrial hubs in South India, the plant is well-positioned to serve emerging high-technology clusters with reliability and speed.

Speaking on the occasion, **Siddharth Jain, Managing Director, INOXAP**, said, "At INOXAP, we believe that true progress for India lies in building capabilities within the country that power its future industries. The commissioning of this Ultra-High Purity Liquid Oxygen facility is a step towards that vision. It aims to significantly reduce dependence on imports and strengthen the foundation of India's semiconductor and solar manufacturing ecosystem. As the nation advances towards technological self-reliance, we remain committed to investing ahead of the demand curve, ensuring that critical enablers are available within India, for India."

What makes this development particularly noteworthy is that Ultra-High Purity Liquid Oxygen was previously imported to meet domestic demand. With this commissioning, INOX Air Products has successfully indigenised the production of this highly critical and complex product, enabling direct, dependable supply to Indian manufacturers. This facility stands out for its ability to produce 6N grade industrial liquid oxygen, a purity level essential for precision-driven applications in electronics and photovoltaic manufacturing. Additionally, it would enable these manufacturers to significantly reduce import lead times, minimise global supply disruptions and enhance production continuity.

About INOX Air Products

INOX Air Products is one of the leading manufacturers of industrial, electronic & specialty gases in India. The company offers a unique portfolio of gases, equipment and services through a manufacturing capacity of 6000+ TPD of liquid gases delivered from more than 50 operating locations. With our extensive network of operations, and a vastly diverse client ecosystem, INOX Air Products empowers more than 1800 small, medium and large manufacturing organizations across dozens of sectors, enabling and empowering them on their way to achieve their vision. In our glorious journey of more than half a century, we have made massive strides on all the metrics of its business operations, by our sheer reliance on our virtues of customer-centricity, transparency and delivering value through quality. We take pride in our 1800+ strong workforce, working tirelessly across the country, unleashing the virtues of integrity and innovativeness, well complemented by their ready-to-serve spirit.



Established in 1963 by the Jain Family as Industrial Oxygen Company Ltd in Pune, Maharashtra, the Company aimed to augment and capitalize upon the rapid industrialization taking place in the country. In 1999, Air Products & Chemicals Inc., USA acquired a 50% stake in the Company, giving birth to INOX Air Products. The venture remains till date, one of the longest Indo-American partnerships in the manufacturing sector.

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