

INOXAP flags off India's first LNG-fuelled cryogenic tanker

A policy amendment by DPIIT in the SMPV (Unfired) Rules 2016 allowed use of LNG as transport fuel for cryogenic transportation

The deployment marks a new era of sustainable transportation in the industrial gas industry

December 24, 2025: INOX Air Products (INOXAP), India's leading industrial, electronic & specialty gas leader, has flagged off India's first LNG-fuelled cryogenic tanker approved by Petroleum & Safety Organization (PESO), a part of Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce. Making use of a June 2025 amendment by DPIIT in the Static and Mobile Pressure Vessels (Unfired) Rules, 2016, INOXAP became India's first ever industrial gas manufacturer to achieve the unique distinction. The policy amendment highlights the Government's vision of building usage of LNG as a transport fuel.

The cryogenic tanker would be fuelled by LNG through a 450 Litre Kryopower LNG Fuel tank, manufactured by INOX India Ltd, India's largest cryogenic equipment manufacturer. As a result, the vehicle would cut CO₂ emissions by up to 25%, reduce particulates by 95%, and offer a quieter and more efficient operational performance, besides opening up a cleaner pathway for long-term cost optimization.

Speaking on this milestone, **Siddharth Jain, Director - INOX Group**, said, "INOXAP is spearheading a clean-energy shift in India's industrial gases sector by flagging off the nation's first LNG-fuelled cryogenic tanker—a transformative step that redefines sustainable logistics while strengthening supply chains for critical industries. We are grateful to DPIIT for enabling this through an extremely progressive policy amendment and PESO for necessary assistance and statutory approvals. This milestone exemplifies the powerful convergence of forward-looking policy, indigenous engineering excellence, and sustainable innovation. It sets a new benchmark in global engineering leadership while delivering scalable, green solutions to power India's manufacturing ecosystem. INOXCVA's LNG fuel tanks are already the most widely deployed in this space, and this achievement is a matter of pride that underscores the strength of synergy within the INOX Group."

Inspired by the Make in India spirit, this achievement also stands as a true Made-in-Gujarat milestone, reflecting the state's robust industrial and manufacturing ecosystem. Both the cryogenic tanker and the LNG fuel tank have been indigenously designed and manufactured at INOXCVA's facilities in Gujarat. The industrial gases transported by this vehicle will be produced within the state by INOXAP and will primarily serve customers across Gujarat, reinforcing a highly localized, efficient, and resilient supply chain. This milestone has been enabled by the proactive and progressive support of relevant Gujarat State Government departments, depicting the state's strong commitment to innovation, sustainability, and industrial growth.

About INOX Air Products

INOX Air Products is the largest manufacturer of leading industrial, electronic & specialty gases in India. The company offers a unique portfolio of gases, equipment and services through a massive manufacturing capacity of 4700+ 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 1700+ 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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