



MONTHLY NEWSLETTER

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Current Affairs Of The Industry

India's Path to Cleaner Steel with Green Hydrogen

India's steel industry, a cornerstone of its economic growth, faces a significant challenge: its substantial contribution to greenhouse gas emissions. While current production methods rely heavily on fossil fuels, green hydrogen emerges as a promising solution. Green hydrogen, produced through electrolysis of water using renewable energy sources, offers a cleaner alternative to traditional steelmaking.

By replacing fossil fuels with green hydrogen in the Direct Reduction of Iron (DRI) process, the industry can significantly reduce its carbon footprint. India's steel sector has long been a vital driver of economic development, contributing approximately 7.5% to global steel production in CY 2023. However, its emission intensity is higher than the global average, with 2.55 tonnes of CO₂ per tonne of crude steel compared to 1.85 tonnes.

As India's demand for steel is expected to grow exponentially, the urgency to adopt cleaner production methods becomes increasingly evident. India's upcoming green steel policy is a crucial step towards a more sustainable future.



India's Major Defence Orders: Paving the Way for Military Modernization and Space Exploration

In September '24, India marked a significant milestone in its defense procurement efforts, reflecting its commitment to military modernization and technological advancement. The Cabinet Committee on Security (CCS) approved a major contract with Hindustan Aeronautics Limited (HAL) for the supply of 240 units of AL-31FP jet engines, valued at approximately ₹260 billion (about \$3.13 billion). This strategic decision aims to bolster the Indian Air Force's (IAF) capabilities, particularly concerning the Sukhoi Su-30MKI aircraft, which is a cornerstone of India's aerial defense.

The AL-31FP engine is renowned for its performance and reliability, contributing to the Sukhoi Su-30MKI's versatility as a multirole fighter. This substantial contract underscores India's focus on indigenization in defense production, promoting self-reliance and reducing dependence on foreign suppliers.

Moreover, this move aligns with India's broader military modernization strategy. Alongside its defense advancements, India is simultaneously investing in space exploration. The Indian Space Research Organisation (ISRO) has been actively working on various projects, including the Gaganyaan mission, which aims to send

Indian astronauts into space. The integration of military and space capabilities is increasingly recognized as vital for national security, providing strategic advantages in reconnaissance, surveillance, and communication. As India continues to strengthen its defense posture, it stands poised to play a more prominent role in regional and global security dynamics.



A Peek Into Activities from September...

Customer Visits & Audits

Past month was productive filled with customer visits and audits. These interactions have been invaluable in strengthening our relationships with our clients and ensuring that we're meeting and exceeding their expectations. From on-site inspections to detailed reviews, we've had the opportunity to showcase our commitment to quality, innovation, and customer satisfaction. We're grateful for the trust and support of our valued customers.



API Spec Q1 & 20 C Audit and other Certification Audits

We're proud to announce that VINIR has successfully completed another round of rigorous certification audits, including API Spec Q1 & 20 C. API Spec Q1 & 20 C certifications are recognized globally as benchmarks for quality in the oil and gas industry. By achieving these certifications, we're demonstrating our commitment to providing our customers with products that meet and exceed industry standards. In addition to these certifications, we've also undergone other relevant audits to ensure compliance with various regulations and industry best practices.



Training On 'How To Face An Audit'

Last month, we had the opportunity to organise in a valuable training session on "How to Face an Audit" conducted by Mr. Ulhas J. Chaudhari. By attending this session, our team gained valuable knowledge that will help us approach future audits with confidence and preparedness. We're grateful to Mr. Chaudhari for his expertise and guidance.



38th Townhall Meeting

We're excited to share highlights from our 38th townhall meeting! Past month's gathering provided an excellent opportunity for our team to connect, discuss updates, and share ideas. We're grateful for the active participation and valuable contributions from everyone who attended.

Ganesh Chaturthi Celebration

Looking back on our vibrant Ganesh Chaturthi celebration last month, we're filled with gratitude for the joy and devotion we shared. It was a beautiful experience to come together as a community to honor Lord Ganesha and seek his blessings.



Vishwakarma Pooja

Last month, we had the privilege of celebrating Vishwakarma Puja, a festival honoring the divine architect of the universe. One of the highlights of the event was the honoring of our talented craftsmen and artisans. We recognized their contributions to our organization and expressed our gratitude for their skill and dedication. We're grateful for the success of our Vishwakarma Puja celebration and the positive impact it had on our team.

Birthday Celebration of Our MD

Last month, we had the pleasure of celebrating our esteemed MD sir's birthday. It was a joyous occasion filled with gratitude, appreciation, and heartfelt tributes. Our team came together to express our thanks for his leadership, vision, and unwavering support. From heartfelt messages to surprise gifts, we made sure to create a memorable day for our beloved MD sir.



CONTACT US

VINIR Engineering Pvt Ltd

📍 **Address:** No. 6, Vinir Towers, Bangalore – 560 068

✉️ **E-mail:** connect@vinirforge.org | 🌐 **Website:** www.vinirforge.org

☎️ **Phone:** +91-80-27832313

