

### [Tribocorrosion-Induced Decline in Pitting Corrosion Resistance of 316L Stainless Steel: The Crucial Role of Cr-Depleted Layers](#)

*Updated on : Mar 08, 2025 12:27 pm*

Synopsis: This study examines how tribocorrosion affects the pitting corrosion resistance of 316L stainless steel, focusing on the role of chromium depleted layers. The findings reveal that during tribocorrosion, the formation of Cr-depleted layers significantly weakens the material's ability to resist pitting corrosion, thus increasing the steel's vulnerability to degradation in marine environments and similar corrosive settings.

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### [Rio Tinto to Invest \\$1.8 Billion in Major Brockman Mine Extension in Western Australia's Pilbara](#)

*Updated on : Mar 08, 2025 12:27 pm*

Synopsis: Rio Tinto is set to invest \$1.8 billion in the Brockman Syncline 1 mine project to extend the life of the Brockman region in Western Australia's Pilbara. This strategic investment will allow Rio Tinto to continue its production of iron ore at one of the world's premier mining hubs. The BS1 extension will process up to 34 million metric tons of iron ore per annum, securing jobs and sustaining long-term production for decades.

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### [Bekaert Unveils Groundbreaking India Concrete Expertise Centre to Transform Construction with FRC Innovations](#)

*Updated on : Mar 08, 2025 12:26 pm*

Synopsis: Bekaert's new Concrete Expertise Centre in Lonand, India, marks a major leap in the construction industry. The center, equipped with cutting-edge technology, is dedicated to fiber reinforced concrete research and development. Inaugurated in the presence of HRH Princess Astrid of Belgium, this facility will advance the use of steel fibers in spray concrete, revolutionizing construction practices in India and globally.

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### [DCRUST's Groundbreaking Anti-Rust Formula Set to Revolutionize Mild Steel Durability](#)

*Updated on : Mar 08, 2025 12:26 pm*

Synopsis: Scientists from Deenbandhu Chhotu Ram University for Science and Technology have developed a new anti-rust formula that significantly increases the lifespan of mild steel. This innovation, now patented by the Indian Patent Office, offers

an affordable and easy-to-use solution for protecting steel from corrosion, especially in critical infrastructure such as bridges and buildings. The formula promises to reduce maintenance costs, enhance structural safety, and support the country's Make in India initiative.

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### [US Steel Imports Show Decrease in February 2025 Amid Shifting Global Supply Dynamics](#)

*Updated on : Mar 08, 2025 12:26 pm*

Synopsis: In February 2025, the United States saw a significant drop in steel import permits, with a 26.4% decrease from January's figures. Steel imports for the month totaled 2,137,000 net tons. Despite the decline, imports of certain steel products like electrical sheet and strip saw notable increases. Total steel imports for the first two months of 2025 were up 3.8%, signaling shifts in global supply and demand dynamics.

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### [JSW Steel Reports Robust February 2025 Output with 12% YoY Growth in Crude Steel Production](#)

*Updated on : Mar 08, 2025 12:25 pm*

Synopsis: JSW Steel has announced its consolidated crude steel production for February 2025 at 24.07 lakh metric tons, showing a 12% year-on-year increase. With a 93.5% capacity utilization in its Indian operations, the company's performance reflects robust growth across its domestic and international segments.

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### [Midland Steel's €16 Million Automated Facility Sets New Construction Industry Standards with FasterFix Technology](#)

*Updated on : Mar 08, 2025 12:24 pm*

Synopsis: Midland Steel has officially launched its fully automated €16 million SMART steel fabrication facility in Portlaoise, Ireland. The new facility, incorporating FasterFix modular rebar technology, promises significant improvements in construction efficiency, offering a 75% reduction in build time, 80% less labor, and 30% lower prelim costs. This marks a transformative step for Ireland's construction industry and reinforces the nation's leadership in modern methods of construction.

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### [Wuppermann Metalltechnik's New Altmünster Tube Plant: A Major Leap in Precision Steel Production](#)

*Updated on : Mar 08, 2025 12:24 pm*

Synopsis: On January 29, 2025, Wuppermann Metalltechnik GmbH celebrated the completion of its roofing ceremony for the new tube plant in Altmünster. With an investment of around 39 million euros, this state-of-the-art facility will expand the company's production capabilities, allowing it to produce precision steel tubes and complex profile shapes. Set to be fully operational by Q3 2025, this facility will feature automated tube welding lines, an advanced warehouse system, and climate-neutral heating solutions, showcasing WMT's commitment to efficiency and sustainability.

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### [Alleima Appoints Per Eklund as President of Strip Division: A New Chapter Ahead](#)

*Updated on : Mar 08, 2025 12:22 pm*

Synopsis: Per Eklund has been appointed the new President of the Strip division at Alleima starting March 1, 2025. Eklund, who has extensive experience in marketing, sales, and strategy, is set to lead the division into its next phase of development after acting as the interim President since December 2024. His appointment follows the departure of the previous president, Claes Åkerblom, and marks a significant leadership change at Alleima.

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### [Joseph McDermid Elevated to Fellow of IOM3 for Groundbreaking Contributions to Steel Metallurgy](#)

*Updated on : Mar 08, 2025 12:21 pm*

Synopsis: Joseph McDermid, Director of McMaster Steel Research Centre and a prominent expert in steel physical metallurgy, has been honored as a Fellow of the Institute of Materials, Minerals and Mining. This prestigious award recognizes McDermid's substantial contributions to the field of advanced materials and steel processing. His research, spanning from iron making to metallic coatings, has had a significant impact on the steel industry, particularly in automotive applications.

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### [The Fate of Altos Hornos de Mexico: Unpacking the Auction & Its Aftermath](#)

*Updated on : Mar 08, 2025 12:20 pm*

Synopsis: The evaluation of assets from bankrupt Mexican steelmaker Altos Hornos de Mexico has been completed and presented to the court. The evaluation process, led by trustee Victor Manuel Aguilera Gómez, involves the potential sale of AHMSA's and its mining arm Minera del Norte's assets. The successful auction of these assets could not

only help address AHMSA's debts but also provide a path forward for the steelmaker and the Coahuila region, which heavily depends on the company. Meanwhile, protests by former workers continue to highlight ongoing issues such as unpaid wages.

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### [BlueScope Appointed as Advisor to Whyalla Steelworks Administrators](#)

*Updated on : Mar 08, 2025 12:19 pm*

Synopsis: BlueScope has been appointed as an advisor to the administrators of the Whyalla Steelworks, offering crucial technical and operational support. Although the company is not committing any capital, its extensive experience and deep connection with the steelworks could influence the facility's future direction. This strategic move comes at a pivotal time for the steelworks, which faces financial difficulties, as BlueScope explores its potential involvement in any future sale processes.

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### [Swiss Steel Industry Secures Four-Year State Subsidies to Tackle Energy Price Crisis](#)

*Updated on : Mar 08, 2025 12:19 pm*

Synopsis: Switzerland's government has rolled out a four-year state subsidy program to support key steel and aluminum producers facing high energy costs. This aid, effective from January 1, 2025, and lasting until 2028, provides rebates on electricity grid usage fees to strategically important steel companies like Stahl Gerlafingen, Swiss Steel, Novelis, and Constellium. The financial relief aims to mitigate challenges posed by high energy prices and international trade disruptions, ensuring the industry's long-term competitiveness.

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### [Surge in USA Steel Imports from China Amid Tariff Fears and Global Protectionism](#)

*Updated on : Mar 08, 2025 12:18 pm*

Synopsis: In January 2025, the United States saw a dramatic surge in steel imports from China, with a 94.8% year-on-year increase. This was part of a larger global trend influenced by concerns over potential higher tariffs under then-President-elect Donald Trump. The US steel industry experienced a sharp rise in total imports, reaching 2.79 million metric tons. These developments are largely attributed to market uncertainty surrounding US-China trade relations and protective tariffs on steel and aluminum.

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### [US Steel Giants Demand No Exemptions for Tariffs, Urging National Security Stance](#)

*Updated on : Mar 08, 2025 12:18 pm*

Synopsis: In a bid to bolster the American steel industry, top CEOs of the nation's largest steelmakers have urged President Trump to refuse granting tariff exemptions on steel imports. They emphasize that previous exemptions allowed for excessive imports, weakening the industry's defense against global oversupply and compromising national security.

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### [US Tariffs on Canada and China Spark WTO Disputes: A Showdown Over Trade Norms](#)

*Updated on : Mar 08, 2025 12:18 pm*

Synopsis: On March 4, 2025, the United States imposed new tariffs: a 25% levy on Canadian imports and a 10% tariff on energy products. Both measures have ignited tensions with trade partners, as they may violate General Agreement on Tariffs and Trade obligations. Canada and China, both affected by these tariffs, have filed complaints with the World Trade Organization in an attempt to resolve the escalating trade disputes.

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### [EU's Energy Strategy for Steel Industry Falls Short, Says UNESID: Urgent Action Needed](#)

*Updated on : Mar 08, 2025 12:17 pm*

Synopsis: UNESID, the Union of Steel Companies, has voiced its concerns about the European Commission's Clean Industrial Pact and the Affordable Energy Action Plan, asserting that these measures do not effectively tackle the ongoing energy cost crisis for the steel sector. Despite acknowledging the need to reduce energy costs, the Commission's proposals fail to address the fundamental issue of high electricity prices in the EU, which are significantly higher than those in major steel-producing countries such as the United States and China.

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### [ThyssenKrupp's Automotive Division Shrinks with 1,800 Job Cuts Amid Economic Uncertainty](#)

*Updated on : Mar 08, 2025 12:17 pm*

Synopsis: ThyssenKrupp, the industrial conglomerate, has announced plans to eliminate 1,800 jobs in its automotive division as part of a broader strategy to reduce operational costs. This comes amid weak demand in the global automotive market and increasing uncertainties due to economic factors. The company aims to save €150 million by the end of 2025/2026, focusing on cutting jobs and streamlining operations. The decision follows a sharp decline in order intake and sales for its automotive sector.

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### [BPNSI Unveils Expertise Through Knowledge Sharing Workshop at VISA Steel](#)

*Updated on : Mar 08, 2025 12:17 pm*

Synopsis: Biju Patnaik National Steel Institute recently conducted a successful four-day knowledge-sharing workshop at VISA Steel in Kalinga Nagar. The workshop, part of a Professional Pre-Program, featured insightful sessions on emotional intelligence and transactional analysis. Key industry professionals shared their expertise, marking a significant step toward VISA Steel's commitment to the growth and development of its workforce.

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### [Tensions Rise in Turkey as Tezcan Galvaniz Workers Prepare for Strike Over Wage Dispute](#)

*Updated on : Mar 08, 2025 12:16 pm*

Synopsis: Tezcan Galvaniz, a Turkey-based galvanizing company, is facing an impending strike by its workers, who are demanding a wage increase. The dispute comes after months of collective labor agreement negotiations with no agreement reached. Employees are planning to stop work on March 11, halting the company's production. Negotiations will resume on March 10, with hopes of reaching a resolution before the strike begins.

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### [Tosyali Toyo Halts Rolling Line Operations After Fire at Osmaniye Plant](#)

*Updated on : Mar 08, 2025 12:16 pm*

Synopsis: A fire at Tosyali Toyo's Osmaniye plant in Turkey has led to the suspension of production on one of its rolling lines for approximately three months. The incident, which occurred last week, has caused significant disruption in the plant's production of galvanized, painted, and cold-rolled steel sheets. While efforts are being made to recover from the loss, the company may seek to compensate for the downtime by utilizing another plant's production line.

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### [China's Steel Export Surge Faces Headwinds: Antidumping Tariffs Set to Impact Growth](#)

*Updated on : Mar 08, 2025 12:16 pm*

Synopsis: In the first two months of 2025, China's finished steel exports rose to 16.972 million metric tons, a 6.7% increase compared to the same period last year. Despite this growth, antidumping tariffs imposed by various countries are expected to negatively

affect future exports. Meanwhile, China's finished steel imports fell to 1.05 million ton, marking a 7.2% year-on-year decline.

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### [Empowering Women in Steel: Breaking Barriers & Building Futures on International Women's Day 2025](#)

*Updated on : Mar 08, 2025 12:15 pm*

Synopsis: The Australian Steel Institute celebrates International Women's Day by highlighting the accomplishments and contributions of women in the steel industry. This article showcases the journeys of several remarkable women who have overcome challenges and now thrive in engineering and leadership roles within the steel sector. Their stories inspire future generations of women to pursue careers in steel, engineering, and manufacturing.