

## **Tragedy in Bokaro: Protester Dies Amid Clash with Security Forces at Steel Plant**

April 4, 2025

*Synopsis: In Bokaro, Jharkhand, a deadly clash erupted between protesters and security forces near the Bokaro Steel Plant. One protester died, and several security personnel were injured after a confrontation during a protest organized by the BSL Visthapit Apprentice Sangh demanding employment. The situation is currently tense, and authorities are closely monitoring further developments.*

## **Visionary Leader Danny Rifkin, MetalX Founder and Former OmniSource CEO, Passes Away**

April 4, 2025

*Synopsis: Danny Rifkin, the visionary founder of MetalX and former OmniSource CEO, passed away on April 1, 2025, leaving behind a lasting legacy in the recycling and steel industries. Rifkin was a trailblazer who revolutionized the scrap recycling sector. His contributions to both business and community were immense. He will be remembered for his unwavering commitment to innovation, generosity, and leadership. A funeral service will take place on April 6, 2025, in Fort Wayne, Indiana.*

## **Canadian Steel Industry Alarmed by US Trade Measures: Urgent Call for Action**

April 4, 2025

*Synopsis: The Canadian Steel Producers Association has voiced deep concern over recent trade actions by the Trump Administration, particularly the reimposition of a 25% tariff on Canadian steel. These tariffs, which were reinstated on March 12, 2025, threaten the long-standing, mutually beneficial trade relationship between Canada and the United States. The CSPA is urging the Canadian government to adopt stronger border measures to safeguard the domestic steel industry and protect Canadian workers.*

## **IG Metall Urges thyssenkrupp Steel to Reconsider HKM Contract Termination Amid Uncertainty**

April 4, 2025

*Synopsis: The future of around 3,000 employees at Hüttenwerke Krupp Mannesmann remains uncertain as IG Metall warns thyssenkrupp Steel Europe*

*against terminating its supply contract with the struggling steelmaker. Hundreds of workers are expected to demonstrate during an extraordinary supervisory board meeting at TKSE, pressuring for a more thoughtful approach to the steel mill's future.*

### **Strengthening Steel Standards: FTI Pushes for Stricter Regulations to Safeguard Thailand's Construction Industry**

*April 4, 2025*

*Synopsis: Following the collapse of the 30-storey State Audit Office in Thailand, which raised concerns about the role of substandard steel, the Federation of Thai Industries has proposed a series of measures to improve steel quality standards. These include stricter regulations, better quality control, and public education on selecting certified steel products. The recommendations aim to address challenges posed by imported steel and promote domestic production while ensuring fair competition in the Thai steel industry.*

### **Revitalizing Ghedi: Advanced SSAB Production Line for Ultra-High Strength Steel**

*April 4, 2025*

*Synopsis: SSAB's Swedish Steel in Ghedi, Italy, will soon complete an upgrade to its production line, enabling it to cut ultra-high-strength SSAB steels up to 1350MPa. This enhancement will allow the facility to supply steel coils of improved surface quality, better flatness, and higher strength, catering to precision applications such as laser cutting. The upgrade aims to boost both production efficiency and product quality, especially for higher strength grades, ensuring SSAB meets growing demand in Italy and beyond.*

### **Jindal Steel & Power Expands Portfolio with Strategic Acquisition of Allied Strips**

*April 4, 2025*

*Synopsis: Jindal Steel & Power, through its subsidiary Jindal Steel Odisha, has acquired Allied Strips for a cash consideration of Rs 217.53 crore. This acquisition positions ASL as a subsidiary of JSPL, enhancing its product offerings and creating synergies in steel production. ASL, established in 1992, manufactures a wide range of steel products and will benefit from the raw material supply from JSO's steel production.*

## **Precision Build Expands Footprint with Strategic Acquisition of Tampa Steel Erecting Company**

*April 4, 2025*

*Synopsis: Precision Build, a global leader in storage, structural steel, and service solutions, has acquired Tampa Steel Erecting Company, a renowned steel fabricator known for its work on complex bridges and iconic structures like Disney's Epcot Spaceship Earth. The acquisition will allow Precision Build to expand its capabilities and capacity in the fabrication and erection of complex steel structures.*

## **AP Cabinet Greenlights ArcelorMittal Nippon Steel's New Captive Port at DL Puram**

*April 4, 2025*

*Synopsis: The Andhra Pradesh Cabinet has approved the proposal for the establishment of a new captive port at DL Puram in Anakapalli District by ArcelorMittal Nippon Steel India. The project, featuring a 2.9 km waterfront, will be facilitated by an amendment to the KGPL Port Concession Agreement, allowing the construction of a port without competing restrictions.*

## **Origami Solar Innovates US Made Steel Frames to Meet Surging Demand in Solar Industry**

*April 4, 2025*

*Synopsis: Origami Solar is expanding its product line to meet the growing demand for durable, American-made steel solar module frames. As the industry shifts towards stronger and more reliable steel frames, the company's new offerings are designed to support larger photovoltaic modules and provide resilience against extreme weather. Origami Solar is focusing on domestic manufacturing, advanced testing, and cost-effective solutions to drive the future of solar technology.*

## **Solar Steel Launches TracSmarT+1P: Revolutionizing Solar Energy with Advanced 1P Solar Tracker**

*April 4, 2025*

*Synopsis: Solar Steel introduces the TracSmarT+1P, a next-generation 1P solar tracker designed to optimize energy output and reduce costs in photovoltaic projects. Featuring enhanced flexibility, faster installation, and robust durability, this tracker sets a new standard in the solar industry.*

## **Pomina Flat Steel Unveils New Shareholders & Bold Strategic Development Plan for 2025**

*April 4, 2025*

*Synopsis: Pomina Flat Steel Joint Stock Company has announced a change in its shareholder structure and outlined its strategic development plans for 2025. The company, which recently transitioned to a joint-stock model, is committed to sustainable growth, innovation, and expansion in the coated steel sector, with key developments in production, exports, and restructuring efforts.*

## **NMDC Steel Surpasses 2 Million Metric Tons of Hot Metal in FY25, Achieving Record Milestones**

*April 4, 2025*

*Synopsis: NMDC Steel Limited achieved remarkable success in FY25, producing over 2 million metric tons of hot metal at its Nagarnar plant. This achievement, marking a 100% increase compared to the previous fiscal year, highlights the plant's rapid growth and operational excellence, despite facing challenges like disruptions from transporters' protests. With strong production and market expansion, NSL is set for further success in the steel industry.*

## **Japanese Steel Manufacturer Triumphs Over Patent Challenge in Europe: A Win for Innovation**

*April 4, 2025*

*Synopsis: A leading Japanese steel manufacturer successfully defended its patent rights in Europe after convincing officials to reject claims by a competitor that its steel-making methods were not inventive. This victory highlights the importance of patent protection and innovation in the steel industry.*

## **Dynamic Beam Laser Revolutionizes Steel Welding: A Future-Defining Innovation for Shipbuilding**

*April 4, 2025*

*Synopsis: The Dynamic Beam Laser technology is set to dramatically transform how thick steel sections are welded in industries like shipbuilding. Developed through a collaboration between Castellini and Fincantieri, this laser welding technique promises improved welding speed, reduced costs, and a lower environmental impact, making it a future cornerstone of industrial processes.*

## **Flexural Strength of Bonded Steel-Concrete Composite Beams: Insights from Experimental Research**

*April 4, 2025*

*Synopsis: This study explores the flexural behavior of steel-concrete composite beams when bonded with adhesives, comparing them to traditional mechanical shear connectors. The research highlights the advantages of using epoxy resin adhesives, showing that increasing adhesive thickness improves the rigidity and ultimate load capacity of the composite beams. With 6 mm thickness yielding the highest performance, this study emphasizes the potential of adhesives as a more efficient and sustainable alternative for shear connectors in structural applications.*