



30<sup>th</sup> September, 2024

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**Sub.: Press Release**

Dear Sir(s),

We are enclosing herewith copy of Press Release being issued by the Company today.

Kindly host the same on your website and acknowledge receipt of the same.

Thanking You.

For **Jindal Stainless Limited**

**Navneet Raghuvanshi**  
**Head Legal & Company Secretary**

Enclosed as above

**Jindal Stainless Limited**

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## Jindal Stainless partners with CJ Darcl to develop lightweight and sustainable stainless steel containers

*The stainless steel containers will be used to transport polymers, batteries, rubber etc.*

**New Delhi, September 30, 2024:** In a significant move towards sustainable mobility, **Jindal Stainless**, India's largest stainless-steel manufacturer, has collaborated with **CJ Darcl Logistics Limited (CJ Darcl)**, one of India's leading logistics providers, to develop lightweight and sustainable stainless steel containers. These containers, fabricated using high-strength JT grade stainless steel (also known as N7 as per BIS 6991 specifications), are designed to transport a variety of goods, including polymers, batteries, and rubber.

Jindal Stainless supplied 2.2 metric tonnes of JT stainless steel for each container, replacing the traditional carbon steel used in the sidewalls, end walls and roof. In addition, the underframes of containers are also made up of customised stainless steel tubes. These transitions have resulted in a weight reduction of approximately 500 kilograms per container, leading to increased cargo capacity, improved fuel efficiency, and reduced operational costs. Additionally, the containers benefit from enhanced safety and prolonged life owing to the superior impact and fire resistance of JT grade stainless steel.

Commenting on this development, **Managing Director, Jindal Stainless, Mr Abhyuday Jindal**, said, *"India's logistics sector, a cornerstone of its booming economy, faces a pressing need for sustainability. Stainless steel solutions in logistics and mobility offer a promising path towards a greener future. The use of JT grade stainless steel not only reduces the weight of containers, improving fuel efficiency, but also ensures a longer lifespan with minimal maintenance, making it a more sustainable solution with the least amount of carbon footprint. Being an inert metal, stainless steel does not react with the materials being transported, thereby ensuring zero contamination. This partnership with CJ Darcl is a part of a larger vision of creating sustainable, cost-effective solutions that benefit both the industry and the environment."*

With a robust multimodal logistics network spanning road, rail, air, and sea transportation, CJ Darcl is in a unique position to deploy these stainless steel containers across its diverse operations. This will enable clients in diverse sectors to benefit from the increased cargo capacity and long-term cost savings that the new containers provide. CJ Darcl's commitment to multimodal logistics helps optimise routes, reduce transit times, and lower overall emissions, making it a leader in green logistics.

Adding to it, **President, CJ Darcl Logistics Ltd., Mr Pardeep Bansal**, said, *"This development marks a significant shift in the logistics industry by leveraging the strength, lighter weight, and enhanced durability of stainless steel, along with its long-term sustainability benefits. As the demand for green logistics rises, the Indian logistics sector is increasingly embracing sustainable practices, aligning perfectly with India's*



*goal to reach carbon neutrality by 2070, for a greener future. Through these collaborations, we are committed to reducing carbon emissions and promoting sustainability within the logistics sector.”*

In addition to supplying the materials, Jindal Stainless provided comprehensive technical support throughout the project. This included collaboration in the design phase, conducting Finite Element Analysis (FEA) and Factor of Safety (FOS) analysis, developing Standard Operating Procedures (SOPs), and offering hands-on training to the fabrication team at Kamal Coach Works, Jaipur, CJ Darcl’s approved vendor. Ombre Stainless Pvt. Ltd. has supplied customised stainless steel tubes for the underframes by developing new pipe sizes resulting in enhanced strength and sustainability with a focus on innovation.

As of 30<sup>th</sup> September 2024, all 50 containers have been fabricated. Jindal Stainless previously partnered with JBM Auto, the country’s largest electric bus manufacturer, to produce over 500 energy-efficient electric buses using lightweight, high-strength stainless steel, enhancing performance and durability. By partnering with JBM Auto in the past and now CJ Darcl, Jindal Stainless is committed to providing sustainable and innovative solutions in the transportation sector, including others, such as railways, infrastructure, etc.

### **About Jindal Stainless**

India’s leading stainless-steel manufacturer, Jindal Stainless, had a consolidated annual turnover of INR 38,562 crore (USD 4.7 billion) in FY24 and is ramping up its facilities to reach 4.2 million tonnes of annual melt capacity by 2026. It has 16 stainless steel manufacturing and processing facilities in India and abroad, including in Spain and Indonesia, and a worldwide network in 12 countries, as of March 2024. In India, there are ten sales offices and six service centres, as of March 2024. The company’s product range includes stainless steel slabs, blooms, coils, plates, sheets, precision strips, wire rods, rebars, blade steel, and coin blanks.

Jindal Stainless relies on its integrated operations to enhance its cost competitiveness and operational efficiency. Founded in 1970, Jindal Stainless continues to be inspired by a vision for innovation and enriching lives and is committed to social responsibility.

Jindal Stainless remains focused on a greener, sustainable future, fuelled by environmental responsibility. The company manufactures stainless steel using scrap in an electric arc furnace, which involves lower greenhouse gas emissions and enables recyclability with no reduction in quality.

### **About CJ Darcl**

CJ Darcl is one of the leading multimodal logistics solutions providers in India. CJ Darcl caters to diverse verticals including - Road/FTL, Rail/Multimodal, Air and Shipping/Coastal transportation. The company offers value added services such as project logistics, warehousing and distribution (‘W&D’), and freight forwarding solutions to its customers. Catering to the nation’s leading private and public sector through a



pan India network of nearly 200 branches and a strong & experienced team of over 5000 professionals covering all major ports, cities and industrial towns in the country. CJ Darcl also owns a wide range of 1200+ trucks, trailers, pullers, tippers, loaders, dumpers, hydraulic axles, etc. along 1100+ containers.

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