

National Logistics Excellence Award 2021



सत्यमेव जयते

Ministry of Commerce & Industry
Government of India



**JSW Paradip Terminal Private
Limited**

**Category: Best Port Service
Provider**

Rank : 1st Runner Up

Summary of Best Practices across excellence themes

Operational Excellence	Sustainable practices	Certifications & compliance	Employee Development & welfare	Customer services	Technology and Innovation
<ol style="list-style-type: none"> Achieved loading of one million ton Cargo in a month. Achieved highest discharge rate of 91200 TPWWD. Achieved handling of 110 Rakes in a month within the free time period of Indian railways. Unloaded 24905 trucks in a month. Achieved 8.4 MTPA in the first full financial year. All the motors are equipped with energy efficient variable frequency drive reducing energy cost . 	<ol style="list-style-type: none"> 100% fully Mechanized terminal with closed conveyor handling system for achieving zero dust emission. Material handing system is equipped with Dry fog dust suppression system to avoid dust emission. Mechanized material handling system built to handle commodity without any spillage. 	<ol style="list-style-type: none"> Received prestigious award from Apex India for Safe Workplace Management in Port Service provider for the year 2020. 	<ol style="list-style-type: none"> Employee welfare program (i.e.) free Covid vaccination, proper housing facility. Life time benefit to family of employee who has succumbed to Covid has been undertaken. Free mediclaim and accidental life insurance to employee and dependents. Competency mapping and Training. Annual Health checkup. 	<ol style="list-style-type: none"> Minimal handling loss to the tune of ~ 0.2 %. High loading rate for Iron ore and pellet shipments in India (Avg. loading rate achieved in FY 21 50000 TPWWD) Capable of handling Cape size Vessel using two Ship loader simultaneously to get ocean freight benefit. We have a Twin tippler which tipples two wagons at a time to reducing the unloading time 2.5 Hour / Rake compared to the free time period of 5 Hours. 	<ol style="list-style-type: none"> Developed mobile based android application platform to capture data digitally with help of RPA for inward fleet bounded for our terminal. This app provides auto capturing of weighments without human interface eradicating error and reducing TAT. There is a blend of human and machine interface through high end Siemens/ABB/Rockwell SCADA system (supervisory control and data acquisition) for ease of monitoring and control.

Best Practice/initiative – I

Best practice initiative or activity

Fully automated state of the art mechanized equipment and digitization in operation. All our machinery are fully automated and reliable.

Business impact created

1. Increased throughput
2. Zero spillage of cargo
3. Capable to handle high moisture cargo
4. Minimal cargo handling loss
5. Zero dust emission
6. Capable to handle Cape size vessel.
7. Reduction in Energy cost due to energy efficient VFD drives

Transformation potential and scalability

1. Environment friendly operation to achieve average loading rate of 80000 TPWWD with minimal handling loss.
2. Loading of cargo in cape size vessel shall provide ocean freight benefits to the customer.
3. Reduction in Operation and Maintenance cost.



Best Practice/initiative – II

Best practice initiative or activity

Developed mobile based android application platform to capture data digitally with help of robotic process automation for inward road cargo.

Business impact created

This app provides auto capturing of data such as origin details, truck details, consignor consignee details and weighments without human interface eradicating error and reducing TAT.

Transformation potential and scalability

Increase in productivity, effective tracking for better planning and reduction in manpower resource of 10 manpower per day.

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illustrations/infographics/ images*

Best Practice/initiative – III

Best practice initiative or activity

Employee welfare program (i.e.) free Covid vaccination to employee and their dependents, proper housing, Life time benefit to family of employee who has succumbed to Covid has been undertaken. Transportation and Housing facility to all employees.

Business impact created

High employee morale and conducive working environment.

Low attrition.

Transformation potential and scalability

Best and Safe industrial practices, employee oriented policies, exposure to best in the class in the sector.

*Space for
illustrations/infographics/ images*

Best Practice/initiative – IV

Best practice initiative or activity

Safety parameters are judiciously followed and ensured such that incident can be avoided. Apart from this there is strong safety management system which is in place which takes care of various activities pertaining to safety. For our good safety workplace management we have been awarded at National Level (i.e.) Apex India Safe work place award 2020.

Business impact created

Zero fatality and Nil Loss time injury

Transformation potential and scalability

Safe working environment for employees and all stakeholders.

