

Boxco Moves Longest Column through Mumbai Port

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Boxco Logistics has set the bar high yet again, by moving the LONGEST COLUMN EVER that was transported in and out of Mumbai Port. It all started in the industrial township of Dahej in the state of Gujarat at ISGEC Heavy Engineering's manufacturing plant. A massive 91 meter long, 880 MT C2 Splitter column built for a refinery in Mexico, shadowed the workshop buildings



With the completion of this project, Boxco Logistics broken another record and has enriched the company's heavy lifts operations and engineering profile, opening doors for larger and more challenging turnkey projects

The multimodal logistics, involving engineering and execution of transporting the equipment from Dahej to Mumbai for further export to Mexico, were carried by the team at Boxco Logistics. Apart from the C2 Splitter, a 380 MT Quench water tower and a 250 MT Demethaniser were also to be transported along with their accessories.

The transportation of the columns from ISGEC plant to Adani port was a challenge for C2 Splitter which measured 91 m x 9.5 m x 9 m in dimensions. The haulage was meticulously planned in advance, civil works like road widening, removal of obstacles including dividers and light poles were carried out prior commencement of transportation. Electrical HT line shutdowns also had to be arranged the local electricity boards.

In coordination with the local police, the transportation was carried out using state of art remote controlled Scheuerle K25 Self-Propelled Modular Transporters (SPMTs) which is the most advanced hydraulic haulage equipment in the country today.

The team faced a large number of challenges including turning restrictions like dividers road ends and conveyor belt structures despite the 8 electronic steering modes available onboard the SPMTs.

The transportation of all 3 equipments was carried out in a span of 4 days. The entrance wall to Adani port was razed to move the convoys into its premises. Intra port transportation also posed a challenge due to narrow passages existing especially for the 91 m long C2 Splitter.

The shipment schedule for equipments from Dahej stood on the edge of the harsh ongoing monsoon season. DB Triton Vision under tow by 30 T Bollard Pull MT Canara Progress had been chosen to complete this mammoth task of sea transportation from turbulent waters of the

Narmada delta in Gulf of Khambat up to the Port of Mumbai.

After engineering the required stowage plan, executing the jetty civil works and ramp construction, the barge arrived at RORO jetty at Dahej under tow by smaller tugs due to low draft conditions of the Narmada basin.

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Largest Column to transit Mumbai port