



PCM Strescon Overseas Ventures Limited



Company Profile

PCM Strescon Overseas Ventures Limited (PSOVL) is the leading Manufacturer of Pre-stressed Concrete Sleepers in the Kingdom of Saudi Arabia and the Middle East, having its branches registered in the Kingdom of Saudi Arabia and UAE. With its expertise, experienced and skilled human resources, it is committed to provide customized solution for Railway track infrastructure across the world. The Company has developed and adopted latest state of the art technology to meet Clients' requirements as per various stringent international technical / quality norms and has successfully executed projects in various parts of the world.

PCM Strescon has also successfully executed two Greenfield projects for production and supply of 2.57 million Pre-stressed Concrete Railway Sleepers for North South Railway Project of Saudi Arabia Railways (SAR), Kingdom of Saudi Arabia. PSOVL has also set up a new plant in Abu Dhabi, UAE which is producing Pre-stressed Concrete Railway Sleepers for Etihad Railway's Shah Habshan Railway project.

PSOVL is also engaged in Flash Butt Welding of Rails for various Zonal Railways all over India for which it is fully equipped with state of the art equipment and skilled workforce.

The Group has three plants for the manufacture of Concrete Sleepers in India. All three manufacturing plants are approved by the Research, Design and Standards Organization (RDSO), under the Ministry of Railways, Govt. of India. The Group has manufactured and supplied more than 4 million Concrete Sleepers to the Indian Railways.

A Group Company has also manufactured and supplied the entire quantity of 0.45 million dual-gauge sleepers to Bangladesh Railways for the Asian Development Bank (ADB) supported prestigious JAMUNA Bridge Rail Link Project. The group is also engaged in various other activities like Steel, Real Estates, Tea, Media and Hydel Power Generation.



Inside view of factory shed



Overview of factory shed



Steam curing of the Sleepers



Sleepers Demoulding Machine



Sleepers ready for inspection



Sleepers wire cutting Machine



Casted Sleepers

Projects In Kingdom Of Saudi Arabia

PCM Strescon Overseas Ventures Limited has executed three projects in the Kingdom of supplying Pre-stressed Concrete Railway Sleepers for North South Railway Project of Saudi Arabia Railways (SAR). The projects involved sleeper design, setting up of dedicated sleeper plants, manufacture and supply of sleepers for 32.5 tonnes axle load standard gauge railway tracks.

North South Railway Project-CTW 100- Plant at HAFAR AL BATIN

- **Consortium Leaders** : SAUDI BINLADIN GROUP, Kingdom of Saudi Arabia.
- **Stretch** : Raw Al Zour – Al Zubaira Mines sector.
- Greenfield manufacturing plant for manufacture and supply of Pre-Stressed Concrete Sleepers with a production capacity of 3200 PSC Sleepers per day.
- Contract completed.
- Manufactured and supplied 1,211,216 units of prestressed concrete sleepers for axle load of 32.5 MT heavy haul track.

North South Railway Project - CTW 300-Plant at AL JOUF

- **Consortium Leaders** : BARCLAY MOWLEM LTD (Laing O'Rourke), Australia.
- **Stretch** : Al- Nafoud to Al- Haditha, Hazm Al-Jalamid and Al-Basita sector.
- Greenfield manufacturing plant for manufacture and supply of Pre-Stressed Concrete Sleepers with a production capacity of 3200 PSC Sleepers per day.
- Contract completed.
- Manufactured and supplied 1,360,256 units of prestressed concrete sleepers for axle load of 32.5 MT heavy haul track.

North South Railway Project-CTW400 Additional Order - Plant at HARFAN AL BATIN

- **Client** : SAUDI ARABIA RAILWAYS (SAR)
- **Stretch** : King Khalid International Airport (KKIA) to AzZabirah Junction.
- Manufactured and supplied 150,000 units of prestressed concrete sleepers for axle load of 32.5 MT heavy haul track.
- Order completed.



Sleepers stacking yard



Sleepers dispatch for laying

Projects in Abu Dhabi, UAE

- PSOVL has been awarded a Contract for the first Heavy Haul Railway in the Middle East by the Government of Abu Dhabi.
- Shah-Habshan-Ruwais Railway – P850 – Plant at MIRFA, Abu Dhabi
- **Client** : Etihad Railways
- **Stretch** : Shah – Habshan – Ruwais
- Design manufacture and supply of 675,000 units of prestressed concrete sleepers and 104 sets of turnout bearers for axle load of 32.5 MT heavy haul track.

Projects Highlights : Kingdom of Saudi Arabia and UAE

- Design & Proof Check for Prestressed Monoblock Concrete Sleepers for 32.5 tonnes Axle Load at 120 km/h (Heavy Haul design) and 25 tonnes at 200 km/h (High Speed design)
- Setting up New Plant with state of the Art Plant from Europe and Asia.
- Long line system of manufacture of Sleepers.
- Pre-stressing strands sourced from the world's best suppliers as per strict ASTM norms.
- Sleeper manufacturing plants with each plant manufacturing 3200 Sleepers per day.



Gantry for Sleepers stacking



Sleepers testing laboratory



Concrete batching plant



Gantry for Sleepers loading



Flash Butt Welding Machine



Fixed Depo Flash Butt Welding Machine

Mobile On-Track Flash Butt Welding Machine



Flash Butt Welding

The group-allied company also undertake welding of rails using state of the art mobile flash butt welding as per the stringent International norms. Our group company was pioneer in introducing technology of welding on running track line in India. With five self owned mobile flash butt welding plant we specialized in welding on running track as well as in fixed depo. We have already executed welding of rail panel of all sizes upto 10 panel length, including loading and unloading of 10-panel rail at different locations with three tier/ four tier arrangements with our own mechanized system.



Shoulder for Sleepers



Sleepers movement



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