

Tata Steel, Kalinganagar

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The first phase of Kalinganagar Project - Tata Steel's second integrated steel plant in India will be commissioned soon.

About the Project

Conforming to Tata Steel's vision of Value Creation and Corporate Citizenship and its commitment to nation building and strengthening its partnership with the State of Odisha, the Company is setting up a 6 million tonnes per annum capacity integrated steel plant in Kalinganagar Industrial Complex in Jajpur district of Odisha. Subsequent to the signing of the MOU, 3470 acres of land was allotted to the Steel Company for setting up the steel plant. While the plant site at Kalinganagar Industrial Complex is beside the National Highway 200, the all-weather ports at Paradip and Dhamra are at a distance of about 100 to 110 km by rail route. Similarly, the iron ore mines are located at a distance of about 200 km from the project site.

Project Details

The state-of-the-art, Kalinganagar Project is being established in two modules of three million tonnes each. The plant, which boasts of the Blast Furnace of 4330 cum capacity, will roll out high-end flat products.

During the first phase, the Blast Furnace will have a capacity of 3.3 Million Tonnes Per Annum (MTPA) of hot metal and the Coke Plant will have a capacity of 1.65 MTPA (recovery type oven). While the Sinter plant will have a capacity of 4.91 MTPA, the Steel Melting Shop (SMS) and the Hot Strip Mill (HSM) will have capacity of 4.1 MTPA and 3.5 MTPA, respectively.

The project will have a 3X67.5 MW gas-based Captive Power Plant. New technologies like Granshot Systems & CAS OB will be introduced in the plant for steelmaking. The plant is also designed for Zero Liquid Discharge, Waste Recycling Plant and Central Effluent Treatment Plant.

