

New Sinter Machine at Bhilai Operational



Chairman SAIL, C. S. Verma along with Directors of SAIL and CEO, BSP at New Sinter Machine in Bhilai recently

SAIL Chairman, C.S. Verma recently reviewed the modernization & expansion work at the SAIL's Bhilai Steel Plant (BSP) unit as it would enhance the Plant's production levels to 7.5 million tonnes per annum (MTPA) of Hot Metal from the current level of around 5 MTPA with an investment of over Rs17,265 crore. This is part of the total outlay of Rs 72,000 crore for expansion of SAIL's hot metal capacity from 14.23 MTPA to 23.46 MTPA.

The new modernised facilities coming up at SAIL-Bhilai include a new blast furnace, sinter machine, a coke oven battery, steel melting shop, universal rail mill and a bar and rod mill. These new facilities will not only increase the production capacity but would also improve product quality, introduce new products, reduce cost of production and make the plant more environmental friendly.

The expansion of SAIL-BSP is now in an accelerated mode with the operationalisation of the new sinter machine that has been installed at a cost of over Rs 730 crore. The new 360 sqm sinter machine will produce 3.708 MT sinter per annum to meet the requirement of sinter for the new Blast Furnace as well for the existing furnaces.

Another new and modern facility coming up fast at BSP is the 4060 cu. metre Blast Furnace No. 8 that is designed to produce 8000 Tonnes of hot metal per day. The new BF is equipped with modern & environment-friendly technologies including Top Recovery Turbine (TRT) system for power generation and Pulverized Coal Injection.

In the finishing mills area, Verma reviewed the project for the new 1.2 MTPA Universal Rail Mill that has also made rapid progress. Designed to produce world class rails by universal rolling method, the new mill would enable SAIL to roll out single piece rails of 130m, the longest in the world. The new Rail Welding plant will enable production of 260 m long welded rail panels with a future provision of 520 m long panels. BSP is gearing itself to meet all the future requirement of Indian Railway's including head-hardened rails.

The commissioning of the new facilities at Bhilai would further fortify its position in the steel industry, he said. He expressed confidence that the unique work culture and spirit of excellence ingrained in members of the workforce in Bhilai would take SAIL's flagship unit to still greater heights of excellence.



C. S. VERMA
Chairman, Steel Authority of India Ltd.

"The greatest challenge is to complete the balance modex work expeditiously and commission & stabilize the new facilities at the earliest".