

A Brief of Technical Talk on Product, Process & Application - Cold Rolling Mill, Tata Steel BSL , Sahibabad

A Technical Talk was organized by IIM Delhi Chapter on Google Meet Platform on 3rd May 2021. The topic of the Talk was “*Product, Process & Application - Cold Rolling Mill, Tata Steel BSL, Sahibabad*”

At the outset, Shri K K Mehrotra Chairman IIM Delhi Chapter, welcomed the attendees of the Talk. He gave an introductory profile of the Speaker **Shri Jitendra Mathur**, *Head, QA, Tata Steel BSL Ltd. Sahibabad* & requested Shri Mathur to start his presentation.



To begin with, Shri Mathur gave a historical background of Bhushan Steel from 1987 onwards. In 1987 Bhushan Steel acquired Jawahar Metals at Sahibabad, U.P. In 1990-92, this plant got its first 20 Hi Cold Rolling Mill & its first galvanizing line. In 2000-03, second plant of the company started at Khapoli, Maharashtra with narrow & wider Cold Rolling Mills, Tube & Power Plant. From 2004 -2010 an integrated Steel Plant with 5.6 Mt/yr hot metal capacity was installed at Angul, Orissa. In May, 2018, Bhushan Steel Limited was acquired by Tata Steel Limited through its wholly owned subsidiary Bannipal Steel Limited. In November, 2018, the name of the company was changed from Bhushan Steel Limited to Tata Steel BSL.

He mentioned that the bouquet portfolio of downstream products of Tata Steel BSL is

- Galvanised Plain sheets
- Galvasied Corrugated Sheets

- Pre Painted Galvalume (PPGL)
- Pre Painted Galvanised Iron (PPGI)
- Galvalume
- Hardened & Tempered Sheets (H&T)
- Precision Tubes
- Large Dia Pipes
- Cold Rolled Closed Annealed (CRCA)

He described that Sahibabad units has the following major production facilities:

- Hot Rolled Slitter
- Pickling Line
- Wider Cold Rolling Mill
- Narrow Cold Rolling Mill
- Continuous Galvanizing & Colour coated Lines
- Galvalume
- Hardening & Tempering Facilities.
- Precision Tube plant

Shri Mathur, in detail, explained the process flow for production of various value added products. He also mentioned that GI sheets have wide range of application such as roofing, auto ancillaries, white goods, solar, PEB, Construction, Domestic Appliances, Panels, equipment etc. The application of colour coated products are in Appliances, structural & General Engineering purposes. The Hardened & Tempered products are used in Band Saw, Gang Saw, Hand Saw, Circular Saw, Putty Knife, Flatner etc. The application of ERW tubes are for various auto components, furnitures etc.

Shri Mathur also highlighted that following achievement were made by Tata BSL Sahibabad during 2020-21 .

- ✓ 22 new products developed
- ✓ 32 out of 49 skin panels got approval from MSIL for production
- ✓ First Indian Steel Company to supply skin panel to automotive sector
- ✓ H& T products have more than 50% Indian market share
- ✓ Accreditation of CRCA-QA by NABL for ISO/IEC17025:2017
- ✓ IATF certification for both CRM & Tube plant
- ✓ In house automation- Air knife control at CGL, MES & other IT system

He also mentioned that major customers of Tata Steel BSL different products are Automobile producers like Maruti, Tata Motors, Mahindra & white goods manufactures like LG, Whirlpool, IFB, Godrej, Voltas, Daikin, Haier, Taehwa, Neumann etc. This marked the conclusion of presentation of Shri Mathur.

About 50 attendees from various Chapters participated in the presentation. There was a lively interaction after the conclusion of the presentation.

In the end, Chairman presented a vote of thanks for the informative and lucid presentation by Shri Mathur. A mention was made by Chairman that IIM DC extends him a special thanks that in spite of him being infected with corona positive, he decided to give the presentation, as originally scheduled. Chairman also thanks the attendees for their active participants in deliberations.