



## EXPLORE THE HISTORY OF VIZAG STEEL

Visakhapatnam Steel Plant, an integrated steel plant under the corporate entity of **Rashtriya Ispat Nigam Limited (RINL)**, is the first shore based integrated Steel Plant in the country, constructed with the then latest state of the art technology. The Plant with a rated capacity of 6.3 Mt is a producer of steel products in the long category like wire rods, re-bars, angles, channels, blooms and billets.

## EVOLUTION OF THE PLANT:

Visakhapatnam Steel Plant was conceived in the year 1970 as a unit of Steel Authority of India Limited (SAIL) to augment its long products capacity and to service the southern markets. Announcement for Visakhapatnam Steel Plant was made in the Parliament in the year 1970 and the **foundation stone was laid in 1971** by the late Prime Minister Smt. Indira Gandhi. The feasibility report of the plant was made in 1973 and the Indo-Soviet Agreement was signed in 1979. The comprehensive detailed project report was made in 1980 and the project was sanctioned by Government of India in 1982. In the same year, a separate company called Rashtriya Ispat Nigam Limited (RINL) was formed.

To give a wide publicity of this prestigious plant as well as create an awareness of the working of our plant to the academic institutions a Steel Museum has been developed at Technical Training Institute, Visakhapatnam Steel Plant with different models of plant units viz., Blast Furnace, Steel Melting Shop, Coke Ovens, Rolling mills, Raw Materials, VSP layout and other Award winning Quality Circle working models.

The Vizag Steel Museum was inaugurated by Secretary to GOI, Ministry of Steel on 1st April 2016.

**A glimpse of our Museum:**



**Raw Materials:** Various raw materials used in our plant for steel making are displayed in this zone which can create awareness to the visitors.



**Coke Ovens:** The model of the Coke Ovens Battery is useful in explaining the main features of the coke ovens like the no. of batteries, chambers, height, pusher car, charging car, coal tower etc.



**Blast Furnace:**  
The model of the Blast Furnace is useful to understand the features of the Paul Wurth Bell Less Top charging system, Hot Gas blowing through the tuyers, tap holes and tapping system using drilling machine, the use of mud gun for closing the tap hole, runners, rocking runners, ladles, etc.



**Steel Melting Shop:**  
The model of the Steel Melting Shop will be helpful in understanding the process of steel making like reduction, lancing, scrap charging, Hot Metal charging, Continuous Casting, blooms making etc.



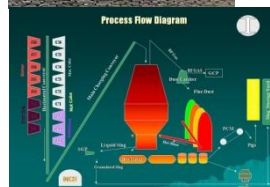
**Wire Rod Mill:**  
The model of the Wire Rod Mill explains the process of making various types of wire rods from the point of receiving billets from LMMM and reheating them and then passing them through various sizes of rollers till the final coils are finished and sent to the bundling and packing zone.

## Activities of Steel Museum:

1. A Film show of the process of our plant, Steel Making, our Township and CSR activities is shown to the Visitors which gives a clear understanding of our Plant.
2. A brief explanation of the Indian Steel Scenario in the form of pictures.
3. History of the World Steel and the origin of Steel Making is displayed for the awareness of the Visitors.
4. Educational programmes on Steel Making process explained to the School children and College Students.
5. Guided plant & Museum visits are taken up.
6. Flow Diagrams of Steel Making process of various units are displayed on interactive screens.
7. Explanation of what a Quality Circle is and how a QC is prepared and the benefits of a QC project.
8. Information about the various Marketing Offices, Liaison Offices, other Public Sector Steel Plants through the display of a Map.
9. Awareness of the various finished products at Vizag Steel.
10. After visiting the Steel Museum, visitors can also carry away sweet memories of the Plant by purchasing few articles/handicrafts kept in the Souvenir Corner with VSP logos and inscriptions printed on them.



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**Entry Fee: FREE**

**Timings:** Open on all working days from 11 am to 4 pm

**Location:** Technical Training Institute Building, Visakhapatnam Steel Plant, Visakhapatnam, AP, India

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