



JSW VIJAYANAGAR METALLICS LIMITED – Steel Plant

Commissioning of electric arc furnace 8BT2

Project Description

- Largest single location steel manufacturing unit in India
- The unit produces a capacity of 12 million tonnes of steel per annum (MTPA)



An electric arc furnace is an industrial furnace that is used for melting and casting metals. Heat is generated by means of an electric arc. The internal furnace temperatures can reach up to 1800 °C.

Role & Scope

- Assess situation on site
- Mechanical Commissioning of the switchgear 8BT2
- Electrical Commissioning of the switchgear 8BT2
- Energisation of the electric arc furnace
- Witness tests during operation (coke arcing)
- Final update of the corresponding documentation

Highlights & Benefits

Extensive electrical commissioning proficiency as well as great coordination skills allow INP Specialists to make a difference on site and support the customer during the most critical times.

Technical Component Details

- 36kV air-insulated switchgear 8BT2 from Siemens
- Protection relay 7SJ62 from Siemens

Our contribution

Due to our fast response, expertise and proactive approach, we successfully assisted the customer to his complete satisfaction. Thanks to our worldwide network of highly motivated and skilled INP Specialists, we were able to support the customer, from the initial request to the arrival of our specialist on site, in less than 4 days.

REFERENCE



Customer: **Primetals Technologies Germany GmbH**



Location: **Toranagallu, India**



Project Duration: **2 weeks**



Services: **Commissioning**