

STATUS OF IMPLEMENTATION OF 1.5 MTPA STEEL PROJECT AT NAHARPALI, RAIGARH, CHHATTISGARH

1. LAND:

Land requirement for the project is in possession and work is under progress for the projects.

2. MODULE WISE STATUS:

A) POWER PLANT (80 MW):

- All equipment and auxiliary systems installed and tried. Teething issue are being addressed effectively to achieve early commercial production.
- Commercial production of power to commence shortly after receiving formal connectivity approval.



Power Plant - Latest Site Pictures



Power Plant - Latest Site Pictures

B) SINTER PLANT (90 SqM):

- 85% of Civil and Structural work have been completed and balance 15% expected to be completed by December 2011 in sequence with equipment installation.
- All Imported & Indigenous equipments have been received at site and installation of equipments are under speedy progress.
- Electrical & instrumentation work has also been started and expected to be complete by February 2012.
- Mechanical completion by February 2012 and cold trial expected to be done during March 2012.



Sinter Plant - Latest Site Pictures



Sinter Plant - Latest Site Pictures

C) BLAST FURNACE (550 CuM):

- 90% Civil and structural work have been completed and balance 10% expected to be completed by December 2011.
- 90% Imported equipment have been received at site and 50% of equipment have been installed. Balance 10% equipment are in transit (i.e. equipment, refractory material), M/s. SINO Steel experts are at site for supervision of equipment & refractory erection work.
- Individual cold trial of all equipments to start by February 2012.
- Blast Furnace cold trial & commissioning is expected by March 2012.



Blast Furnace - Latest Site Pictures



Blast Furnace - Latest Site Pictures

D) OXYGEN PLANT:

- 85% of Civil & structural work have been completed and balance 15% shall be completed by December 2011.
- All major equipment have been received at site and around 90% of equipment are erected.
- Electrical & instrumentation work have been started and likely to be complete by January 2012.
- Utility & pipeline work is under progress and expected to be completed by February 2012.
- Cold trail of the equipment shall start from early February 2012 followed by commissioning by end February 2012.



Oxygen Plant - Latest Site Pictures

E) STEEL MELTING SHOP - 2 Nos. (1.6 MTPA):

- 85% Civil & structural work of shed building has been completed and balance 15% shall be completed in sequence with equipment installation by January 2012.
- 95% of the equipment for the melt shop are on order, equipment deliveries have commenced and expected to be completed by February 2012.
- Equipment are getting erected sequentially on receipt
- 85 % of the Slab caster equipment are on site and under erection which is expected to be completed by end of March 2012.
- SMS-2 with Ladle Furnace, VD & Slab Caster expected to be completed by March 2012.
- SMS-1 with Ladle Furnace & Bloom Caster is on order with equipment supplies expected to commence by Feb and installation completed by May-June 2012



Steel Melting Shop - Latest Site Pictures



Steel Melting Shop - Latest Site Pictures

F) REBARS & ROUND (0.65 MTPA):

- 95% Civil and structural work have been completed and balance 5% shall be completed by December 2011.
- 100% ordering of equipments is completed and 90% equipments have been received at site, out of which 80% equipments have been erected.
- Electrical & Instrumentation work is under progress and shall be completed by January 2012.
- Individual cold trial of all equipments shall start from February 2012.
- Rebar Mill cold trial & commissioning is expected by March 2012.



Rebar Mill - Latest Site Pictures



Rebar Mill - Latest Site Pictures

G) PLATE MILL (0.85 MTPA):

- 80% Civil and structural work have been completed and balance 20% shall be completed by January 2012.
- Reheating furnace erection work is under progress and expected to be completed by February 2012.
- Major equipment like Mill stand, housing, motors alignment work is under progress.
- 100% ordering of equipment is completed and 90% equipments have been received at site, out of which 50% equipment have been erected.
- 100% equipments of steckel mill have been received at site.
- Electrical & Automation orders are placed, work is under progress and expected to be completed by March 2012.
- Individual cold trial of all equipments shall start from May 2012.
- Plate mill synchronize cold trial through PLC & commissioning is expected by June 2012.



Plate Mill - Latest Site Pictures



Plate Mill - Latest Site Pictures

H) LIME PLANT:

- Purchase order for technical know-how, basic, detail engineering and supply of technological equipments for the Lime plant has been placed.
- Plant Layout and basic engineering for the Lime plant is being done.
- Detail engineering work shall start by February 2012.
- Civil engineering work of the plant shall start by April 2012.
- Lime plant shall be commissioned by end 2012.

I) PELLETIZATION PLANT (2.0 MTPA):

- Purchase order for technical know-how, basic, detail engineering and supply of technological equipments for the Pellet plant has been placed.
- Plant Layout and basic engineering for the pelletization plant has been frozen.
- Detail engineering work is under progress and expected to be completed by the end of December 2011.
- Manufacturing work of major equipment such as Induration Machine and Cooler is under progress and expected to be delivered at site by April 2012 and supply shall complete by June 2012.
- Civil engineering work of the plant shall start by January 2012.
- Plant is expected to be commissioned by March 2013.

J) COKE OVEN PLANT (0.4 MTPA):

- Purchase order for technical know-how, basic, detail engineering and supply of technological equipments for the Coke Oven has been placed.
- Plant Layout and basic engineering for the Coke Oven is being done.
- Detail engineering work shall start by December 2011.
- Manufacturing work of major equipments such as Stamping Machine, Charging Car and Pusher Car is under progress and expected to be delivered at site by June 2012.
- Civil engineering work of the plant shall start by April 2012.
- Coke Oven shall be commissioned by March 2013.