



**CHHATTISGARH ENVIRONMENT CONSERVATION BOARD**  
**Paryavas Bhawan, North Block, Sector - 19,**  
**Nava Raipur Atal Nagar, District - Raipur (C.G.)**  
**e-mail - hocecb@gmail.com**

No. 6313 /TS/HO/CECB/ 2020 Nava Raipur Atal Nagar, Raipur, Dated 19 /10 /2020  
To,

Shree Rupanadham Steel Private Limited,  
Village-Saraipali, Tehsil-Tamnar,  
District-Raigarh (C.G.)

Sub: - Amendment in Permission to establish under expansion issued under section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 for Sponge Iron-1,20,000 TPA, MS Billets-1,23,500 TPA, TMT Bars/ Structural Steel/Wire Rod Mill-94,800 TPA and WHRB-08 MW & FBC-04 MW and Fly Ash brick plant-80,000 TPA.

- Ref: -
1. Environmental Clearance issued by Ministry of Environment, Forest & Climate Change for expansion of Steel Plant (Sponge Iron-90,000 TPA, MS Billets-1,23,500 TPA, TMT Bars/Structural Steel/Steel Wire Road-94,800 TPA) along with Captive Power Plant [18MW-WHRB (6MW) and FBC (12MW)] at Village-Saraipali, Tehsil-Gharghoda, District-Raigarh by M/s Shree Rupanadham Steel Private Limited vide letter no. J-11011/308/2009-IA II(I) dated 29/03/2011.
  2. Permission to Establish under expansion for Sponge Iron-90,000 TPA, MS Billets-33,500 to 1,23,500 TPA, TMT Bars/Structural Steels/Wire rod mill-4800 to 94,800 TPA, WHRB Captive Power Plant – 06 MW and FBC Captive Power Plant-12MW vide letter no. 4291/TS/CECB/2014 dated 21/10/2014.
  3. Consent under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 vide letter no. 3660/TS/CECB/2018 dated 30/07/2018 and under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 3662/TS/CECB/2018 dated 30/07/2018 for M.S. Ingots-16,750 TPA and Sponge Iron (2x100 TPD DRI Kiln) – 60,000 TPA.
  4. Amendment in consent of the Board under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 for Induction Furnace (1x10 Tonnes) – 30,000 TPA vide letter no. 8075/TS/CECB/2019 dated 06/03/2019.
  5. Last renewal of consent Board under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and

Control of Pollution) Act, 1981 for M.S. Ingots-16,750 TPA, Sponge Iron (2x100 TPD DRI Kiln) – 60,000 TPA and Induction Furnace (1x10 Tonnes) – 30,000 TPA vide letter no. 10721/TS/CECB/2020 dated 29/02/2020 which is valid up to 28/02/2021.

6. Your online application no. 5084282, dated 06/03/2020 and subsequent correspondence ending dated: 28/05/2020.
7. Grant of “No increase in pollution load” certificate issued under section 7(ii)c of EIA Notification, 2006 issued vide letter no. 6172/TS/CECB/2020 dated 13/10/2020.

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Ministry of Environment, Forest & Climate Change had issued Environmental Clearance for expansion of Steel Plant (Sponge Iron-90,000 TPA, MS Billets-1,23,500 TPA, TMT Bars/Structural Steel/Steel Wire Rod-94,800 TPA) along with Captive Power Plant [18MW-WHRB (6MW) and FBC (12MW)] at Village-Saraipali, Tehsil-Gharghoda, District-Raigarh by M/s Shree Rupanadham Steel Pvt. Ltd. vide letter dated 29/03/2011.

Chhattisgarh Environment Conservation Board had granted permission to establish for expansion for the above mentioned capacity vide letter no. 4291/TS/CECB/2014 dated 21/10/2014.

Thereafter, Board had granted consent to operate under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 vide letter no. 3660/TS/CECB/2018 dated 30/07/2018 and under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 3662/TS/CECB/2018 dated 30/07/2018 for M.S. Ingots-16,750 TPA and Sponge Iron (2x100 TPD DRI Kiln) – 60,000 TPA.

Further, Board had issued amendment in consent of the Board under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 for Induction Furnace (1x10 Tonnes) – 30,000 TPA vide letter no. 8075/TS/CECB/2019 dated 06/03/2019.

Board has issued last renewal of consent Board under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 for M.S. Ingots-16,750 TPA, Sponge Iron (2x100 TPD DRI Kiln) – 60,000 TPA and Induction Furnace (1x10 Tonnes) – 30,000 TPA vide letter no. 10721/TS/CECB/2020 dated 29/02/2020 which is valid up to 28/02/2021.

Now, industry has submitted online application for “No increase in pollution load” certificate and amendment in Permission to establish under expansion of the Board under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 for Sponge Iron-1,20,000 TPA, MS Billets-1,23,500 TPA, TMT Bars/ Structural Steel/Wire Rod Mill-94,800 TPA and WHRB-08 MW & FBC- 04 MW and Fly Ash brick plant-80,000 TPA vide online application No. 5084282, dated 06/03/2020 and subsequent correspondence ending dated: 28/05/2020.

The meeting of Technical Committee constituted as per provisions of MoEF&CC Notification no. S.O. 3518 (E) dated 23/11/2016 held through video conferencing on 08.09.2020 for appraisal of the application for “No increase in pollution load” certificate of the project proponent as per clause 7(ii)c of EIA Notification 2006. After appraisal, the committee accorded its consent for issuance of “No increase in pollution load” certificate to the industry.

Thereafter, Board has granted “No increase in pollution load” certificate under section 7(ii)c of EIA Notification, 2006 issued vide letter no. 6172/TS/CECB/2020 dated 13/10/2020.

The facts submitted by the industry and inspection report by Regional Officer, Raigarh has been examined. After careful consideration of the facts & materials in record, amendment in Permission to establish under expansion is hereby granted for following products and production capacity subject to the fulfillment of following terms and conditions in addition to those incorporated in permission to establish an graded vide letter mentioned under reference no.-02 :-

S. No.	Products	Production Capacity as per permission to establish granted vide letter dated 21.10.2014	Proposed change in product mix capacity	Production capacity after amendment in permission to establish
		[A]	[B]	[C]
1	<b>Sponge Iron</b>	90000 TPA (3 X 100 TPD)	+ 30000 TPA (1 X 100 TPD) Achieved with the installation of one additional DRI kiln of 100 TPD capacity.	120000 TPA (4 X 100 TPD)
2	<b>MS Billets</b>	123500 TPA	Nil	123500 TPA (Direct hot charging of billets in rolling mill)
3	<b>TMT Bars/ Structural Steel/ Wire Rod Mill</b>	94800 TPA (Based on Reheating Furnace)	Nil	94800 TPA (Billet reheating furnace will be replaced with Direct Hot Charging facility.)

4	<b>WHRB (Power)</b>	6 MW	2 MW	8 MW (Increase in waste heat recovery as a result of installation of one additional DRI kiln)
5	<b>FBC (Power)</b>	12 MW	(-) 8 MW	4 MW (Installation of FBC based power plant of capacity-4MW in place of 12MW as proposed earlier)
6	<b>Fly Ash Brick unit</b>	-	80000 TPA	80000 TPA (To utilize the fly ash proposed to be generated from FBC based power plant.)

**Note :-**

1. The above capacities are inclusive of Sponge Iron (2x100 TPD DRI Kiln)-60,000 TPA, M.S. Ingots -16,750 TPA and Induction Furnace (1x10 Tonne)-30,000 TPA for which consent to operate has been already granted.

**Terms & Conditions: -**

1. Industry shall provide suitable air pollution control equipments at all points of emission. Industry shall ensure that the particulate matter emission shall not exceed 30 mg/Nm<sup>3</sup>. Chhattisgarh Environment Conservation Board reserves the right to further stringent particulate matter emission limit depending upon environmental conditions. Industry shall provide stack height of minimum 30 meters.
2. Modernization and efficiency enhancement of existing and proposed DRI Kilns should be carried out before commencement of production.
3. Industry shall ensure that there shall be no increase in pollution load as a result of the proposed change in product mix/reconfiguration of the production capacities.
4. Industry shall ensure transport of coal through mechanically covered vehicle on or before 12.07.2021. Meanwhile transportation of coal shall

- be carried out through vehicles safely and securely covered with tarpaulin or any other suitable material.
5. Industry shall comply with the provision of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. All the solid waste industrial and domestic shall be disposed off in environment friendly manner.
  6. All the internal roads shall made pucca. Roads shall be cleaned regularly. Dust, muck and sludge collected from roads shall be disposed properly.
  7. Industry shall comply with the provisions of notification dated 07/12/2015 (as amended up to date) issued by MoEF & CC for Power Plant.
  8. Industry shall ensure utilization of fly ash as per provisions of notification dated 03/11/2009 issued by MoEF & CC regarding utilization of fly ash.
  9. Industry shall comply with the provision of notification dated 21/05/2020 issued by MoEF & CC for power plant.
  10. Extensive tree plantation shall be carried out in the open areas available within and around the plant premises in during monsoon season. Fruit bearing species like mango, tamarind, guava etc. shall be given preference in this regard.
  11. This permission to establish shall be valid for the period of five years effective from the date of issue of this letter. This permission to establish shall be treated as cancelled in case; no construction activity has been started on the site regarding establishment of the project during this period. Chhattisgarh Environment Conservation Board reserves the right to extend the validity period / not to extend the validity period/ cancel /withdraw the permission to establish of the project, based on the construction activities carried out on the site regarding establishment of the project.
  12. Industry shall obtain statutory clearances/licenses from concerned Central Government/State Government Departments. Boards, Bodies and Corporations etc. before establishment of the plant for expanded capacity. Industry shall follow direction issued by Central Government/State Government. Central Pollution Control Board/Chhattisgarh Environment Conservation Board from time to time regarding control of water & air pollution and for environmental conservation.
  13. Board reserves the right to amend/cancel any of the above conditions, stringent the emission/effluent limits stipulated above and add new conditions as and when deemed necessary in the interest of environmental protection, change in the project profile or non-satisfactory implementation of the stipulated conditions etc.

The consent (for operation) as required under the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 shall be granted to your industry after fulfillment of all the conditions mentioned above. For this purpose you shall have to make an application to this Board in the prescribed Performa at least two months before the expected date of commissioning of the plant. The applicant shall not without valid consent (for operation) of the Board bring into use any out let for the discharge of effluent and particulate matter/gaseous emission.

Please acknowledge the receipt of this letter.

For & on behalf of  
Chhattisgarh Environment Conservation Board

**Member Secretary**

Chhattisgarh Environment Conservation Board  
Nava Raipur Atal Nagar, District-Raipur (C.G.)

Endt. No. 6314 /TS/CECB/2020 Nava Raipur Atal Nagar, Raipur, dated: **19/10 /2020**

Copy to: -

Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Raigarh (C.G.). Please ensure compliance and report, if any condition/conditions are violated by the industry.

**Sd/-**

**Member Secretary**

Chhattisgarh Environment Conservation Board  
Nava Raipur Atal Nagar, District-Raipur (C.G.)