



Regional Office  
C.G. Environment Conservation Board  
T.V. Tower Road, Raigarh  
Phone -226569

D.No. / 153 /R.O. / T.S./ C.E.C.B./ 2008

Raigarh, Dated: 16.05.08

To,

**M/S Shree Rupanadham Steel (P) Ltd.**

**Kh. No. 45, 50/1, 50/2, 49/6Ka, 49/6Kha, 49/7, 49/5 & 62/2, P.H. No. 35**

**Vill. - Saraipali, Teh. - Temnar**

**Distt. - Raigarh (C.G.)**

Sub: Consent of the Board Under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981.

Ref: Your application inward no. 298 dated 06.05.08

With reference to above application, consent is hereby granted subject to the terms and conditions incorporated in the schedule annexed hereto for the period of 12 months from the first date of the month of commissioning of the plant.

	Name of Product	Production capacity
1)	<b>M.S. Ingots</b>	<b>: 33500 MT/Annum</b> <b>(Thirty Three Thousand Five Hundred Metric Tones Per Annum)</b>
(2)	<b>TMT Bar</b>	<b>: 4800 MT/Annum</b> <b>(Four Thousand Eight Hundred Metric Tones Per Annum)</b>

**This production capacity is as per your application. Industry has to submit a copy of permanent registration from DT & IC for the proof of actual production capacity.**

**Conditions :-**

1. The date of commissioning of the industry shall be informed at least one month in advance.
2. Industry shall provide proper air pollution control equipments of adequate capacity at all the points of emissions of the plant.
3. Effective steps shall be taken to avoid fugitive emissions if any generated from the various activity of the industry. All internal roads shall be made pucca.
4. Emissions from the stack shall conform to the standards prescribed by the board as mentioned below.

Particulate Matter	-	150 Mg/Nm <sup>3</sup>
--------------------	---	------------------------
5. Ambient air quality at the boundary of factory premises shall conform to the standards pre-scribed by the Board as mentioned below :-

1. Suspended Particulate Matter	-	500 Microgrammes/m <sup>3</sup>
2. Sulphur Dioxides (SO <sub>2</sub> )	-	120 Microgrammes/m <sup>3</sup>
3. Nitrogen Oxides (NO <sub>x</sub> )	-	120 Microgrammes/m <sup>3</sup>
4. Carbon MonoOxide (CO)	-	5000 Microgrammes/m <sup>3</sup>

6. Environmental clearance as applicable shall be taken from Ministry of Environment and Forest as per EIA Notification as amended upto date.
7. Industry should submit the land diversion certificate within six months of issue of this consent letter.
8. Minimum height of stack attached to various emission points/sources shall be as per norms of the Board.
9. Industry shall submit six monthly stack and ambient air quality monitoring report to the Board regularly.
10. Industry shall take proper action to control the noise pollution. The noise level should not exceed the limit 75 dB(A) during the day time and 70 dB(A) during the night time within factory premises.
11. Good house keeping practices shall be adopted by the industry.
12. Extensive tree plantation and green belt shall be done in and around factory premises . The tree plantation shall be carried out in phase manner preferably with local species.
13. The industry shall establish an Environment Management Cell to carryout function relating to environmental management under the supervision of senior executive, who will directly report to the head of organization.
14. The submission of Environmental Statement by the industries who seek consent under Air & Water Acts or both and authorization under the Hazardous Waste (Managment & Handling) Rules, 1989/2000 has been made mandatory under the Environment (Protection) Act, 1986. As per the provision, such industries are required to submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
15. Any change in product, production capacity, process, raw materials used etc. shall be intimated to the Board. For any change of the above, prior permission of the Board shall be obtained.
16. Industry shall obtain statutory clearances/licenses from concerned Central/State Government, Boards, Bodies and Corporations etc. as applicable before establishment of the plant. Industry shall follow direction issued by Central/State Government, Central Pollution Control Board/ Chhattisgarh Environment Conservation Board from time to time regarding control of water & air pollution and for environmental conservation.
17. The issuance of this permission does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorized any injury to private property or any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
18. Board reserves the right to amend/ cancel any of the above conditions and add new conditions as and when deemed necessary.

This consent is valid upto twelve months starting from first day of month of commissioning of the industry and has to be renewed every year. Application with annual license fee in this regard shall reach the office 180 days before the expiry of this consent.

For & on behalf of  
C.G. Environment Conservation Board

  
**REGIONAL OFFICER**  
C.G. Environment Conservation Board  
(Regional O.G.)

## ANNEXURE

Enclosure to Consent Letter issued to  
**M/s Rupanadham Steel Pvt. Ltd. Vill. Saraipali, Teh. Tamnar, Distt. Raigarh (C.G.)**  
Location of factory - Kh. No. 45, 50/1, 50/2, 49/6Ka, 49/6Kha, 49/7, 49/5 & 62/2, P.H. No. 35, Vill. Saraipali, Teh. Tamnar, Raigarh  
Vide CONSENT No. RGH/P/Water/May.-2008/ R /DATE- 16.05.08

### **A GENERAL CONDITIONS: -**

1. All discharges authorized shall be consistent with terms and conditions of this Consent facility expansions, production, increases or process Modifications which result in new or increased discharges of pollutants must be reported by submission of a new Consent, application or if such new, or increased discharge does not violate the effluent limitations specified in the Consent, by submission to the Board details of such new or increased discharges of pollutants in which case the consent may be modified to specify effluent limitations for any pollutants not identified and limited here in the discharge of any pollutant more frequently than or at a level in excess of that identified and authorized by the Consent shall constitute a violation of the terms and conditions of the Consent.
2. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to the following: -
  - (a) violation of any terms and conditions of this Consent.
  - (b) Obtaining this Consent by misrepresentation or failure to disclose fully all relevant facts.
  - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
3. Notwithstanding para (2) above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established for a toxic pollutant which is present in the discharge authorized here in and such standard or prohibition is more stringent than any limitation upon such pollutant in this Consent the Consent shall be revised or modified in accordance with the toxic effluent standard or prohibition that the Board may consider and the applicant shall be so notified.
4. The applicant shall allow the staff of Chhattisgarh Environment Conservation Board and/or their authorized representative, upon the Presentation or credentials:
  - (a) To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
  - (b) To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this Consent.
  - (c) To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent; or
  - (d) To sample at reasonable times any discharge or pollutants.
5. The Application shall at all times maintain in goods working order and operate as efficiently as possible all treatment or control facilities of system installed or used by him to achieve compliance with the terms and conditions of this Consent.
6. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorized any injury to private property or any invasion of personal rights, nor any infringement of Central, State or local laws or regulation.
7. The Consent does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any water course.
8. The specific effluent limitations and other pollution controls applicable to the discharge permitted here in are set forth below specific conditions. Also set forth below are self-monitoring and reporting requirements. Unless otherwise specified, the applicant shall submit duplicate original copies of all reports to the Chhattisgarh Environment Conservation Board. Except for date determined to be confidential all such reports shall be available for public inspection at the office of the Chhattisgarh Environment Conservation Board. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provide for in section 42 of the Act.

### **B. SPECIAL CONDITIONS: -**

1. Initial Effluent limitation during the period beginning on the effective date of this consent and lasting until calender year discharge from outfalls shall be limited and monitored by the applicant as specified below: -
  - (a) The following shall be limited by the applicant as specified

S.No	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement*	Type of Sample+
		Mg/L	Kg/Day	Mg/L	Kg/Day		

\* Daily/Weekly/Monthly/Six monthly.

\* Grab/ 24 Hours Composite

S.No	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement*	Type of Sample+
		Mg/L	Kg/Day	Mg/L	Kg/Day		

\* Daily/Weekly/Monthly/Six monthly.

\* Grab/ 24 Hours Composite

For the purpose of this sub-section, the daily average discharge is the total discharge by weight during the calendar month divided by the number of days in month the production or commercial facility was operating for the purpose of the sub-section the daily maximum discharge means the total discharge by weight during any calendar day.

(b) The pH shall not be less than 5.5 or greater than 9.0

2. Final effluent Limitation: - During the period beginning from 1st day of month of commissioning of the industry and lasting until the date of expiration of this Consent, discharge from the outfalls shall be limited and monitored by the applicant as specified below :

(a) The following shall be limited and monitored by the applicant as specified.

S.No	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement*	Type of Sample+
		Mg/L	Kg/Day	Mg/L	Kg/Day		
1.	B.O.D.		30	0.04	Six monthly Composite	24 hours	
2.	C.O.D.		250	0.37			
3.	S.S.		100	0.15			
Flow:	PH 5.5 to 9.0 Industrial :- Nil M <sup>3</sup> /Day Domestic - 1.5 M <sup>3</sup> /Day				Daily	Grab	

\* Daily/Weekly/Monthly/Six monthly.†

\* Grab/ 24 Hours Composite

Additionally, out falls shall be monitored as follows:

- Flow, Temperature and Total solids : Daily
- Grab Samples Maximum discharge temperature above upstream receiving water shall be in accordance with the standard of ISI at 400 C.
- Uniform as per ISI at 400 C.

The temperature shall be monitored daily on each outfall. For the purpose of the sub-section the daily average is the total discharge by weight during calendar month divided by the number of days in month that the production or commercial facility was operating for the purpose of this sub-section, the daily maximum discharge means the total discharge by weight during any calendar day.

(b) The pH shall not be less than 5.5 or greater than 9.0 for out fall. The samples are taken daily, grab samples.

3. Schedule of compliance for effluent limitation:-

(a) The applicant shall achieve compliance with the effluent limitation. Specified above for discharge from out falls in accordance with the following schedule :

- Report of Progress Monthly
- Completion of final plans by .....
- Award of contract of other commitment of financing .....
- Commencement of construction by .....
- Report of construction progress .....
- Completion of construction by .....
- Attainment of operational level by .....

(b) The applicant shall submit to the Consent issuing Authority the required report of progress or where a specific action is required in (a) above to be taken by a certain date A written notice of compliance or non-compliance with each of the above scheduled dates, post marked not later than 14 days following each elapsed date. Each notice of non compliance shall include the following: -

- A short description of the non-compliance.
- A description of any action taken or proposed by the applicant to comply with the elapsed scheduled requirement without further delay.
- An estimate of any factors which tend to explain or mitigate the non-compliance, and
- An estimate of the date, the applicant will comply with the elapsed scheduled requirement and assessment of the possibility that the applicant will meet the next scheduled requirement time.

5. Compilation of monitoring Data

(a) Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.

(b) Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet monitoring requirements specified above shall conform to such guidelines. Unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and here it is not specified the guidelines as per standard methods for the examination of Water & Waste Waters 13th Edition of the American Public Health Association, New York U.S.A. shall be used.

(c) The applicant shall take samples and measurement to meet the monthly requirements specified above at the location indicated below:

**POINT OF SAMPLING**

(i) Out falls of waste.

(ii) 100 meters from point of confluence, down stream to river or lake.

6. Recording of Monitoring activities and Results:

(a) The applicant shall make and maintain records of all information resulting from monitoring activities by this Consent.

(b) The applicant shall record for each measurement of sample take pursuant to the requirements of this Consent that following information

(1) The date exact place and time of sampling

(2) The dates on which analysis were performed.

(3) Who performed the analysis.

(4) The analytical techniques of methods used and,

(5) The result of all required analysis.

(c) If applicant monitors any pollutant more frequently as is required as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board, such increased frequency shall be indicated on the Discharge Monitoring Report form.

(d) The applicant shall retain for a minimum of 3 years all records of monitoring activities and results including all records of calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by the Central or State Board.,

7. Reporting of Monitoring Results:

(a) Monitoring information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring Report form duly filled in and signed, to the Board's office at the following address:

**CHHATTISGARH ENVIRONMENT CONSERVATION BOARD**

**T.V. TOWER ROAD**

**RAIGARH (C.G.) 496001.**

(b) Each submitted Discharge Monitoring Report shall be signed as follows:

(i) If submitted by Corporation by a Principal Executive Officer of at least the level of Vice-President or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the discharge Monitoring Report originates,

(ii) If submitted by a partnership by a general partner.

(iii) If submitted by a sole proprietor, the proprietor,

(iv) If submitted by a Municipal, State or Central Government or other public enterprises, by a Principal Executive Officer, ranking elected official commanding officer, or other duly authorized employee.

(c) All information submitted on the Discharge Monitoring Form shall be based upon measurements and sampling carried out during the three previous calendar months. The first Discharge Monitoring Report shall be submitted for a period ending 60 days from issuance. Thereafter reporting period shall end on the last date of each month. The applicant shall submit a Discharge Monitoring Report post marked no later than 28th day of the month following each completed reporting period.

8. Limitation of Discharge of Oil Hazardous Substance in harmful quantities: The applicant shall not discharge oil in quantities defined as harmful in regulations. In addition the applicant shall not discharge hazardous substance into natural water course in quantities defined as harmful in regulations promulgated by the Board. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

9. Limitation of visible Floating Solids and Foam: During the period beginning date of issuance and lasting until the date of expiration of this Consent the applicant shall not discharge floating solids or visible foam.

10. Disposal of Collected Solids:

(a) Intake Water Treatment: Solids Sludge, dirt, silt or other pollutant separated from or resulting from treatment of intake or supply waters period to use by the applicant shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water. Any live fish, shell fish or other animals collected or trapped as a result of intake water screening or treatment may be returned to water shall be disposed of in such a manner as to prevent any pollutants from such materials from entering natural water,

(b) Waste water Treatment, Solids sludge, filter, backwash of other pollutant removed from or resulting from treatment or control of waste waters shall be disposed of in such a manner as to prevent any pollutants from such materials from entering natural water.

11. Non-compliance with Effluent Limitations:

(a) If for any reason the applicant does not comply with or will be unable to comply with or will be unable to comply with any daily maximum effluent limitations specified in this Consent the applicant shall immediately notify the Consent issuing authority or his designee by telephone No. \_\_\_\_\_ and provide the Consent issuing Authority with the following information in writing within 5 days of such notification:

- (a) Cause of non-compliance.
- (b) A description of the non-complying discharge including its impact upon the receiving water.
- (c) Anticipated the time condition of non compliance is expected to continue or if such condition has been corrected, the duration of non-compliance.
- (d) Steps taken by the applicant to reduce and eliminate the non-complying discharge and;
- (e) Steps to be taken by the applicant to prevent recurrence of conditions of not compliance.
- (b) The applicant shall take all responsible steps to minimize any adverse impact to natural waters resulting from non-compliance with any effluent limitation specified in this Consent including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.
- (c) Nothing in this Consent shall be constructed to relieve the applicant from civil or criminal penalties for non-compliance, whether or not such non-compliance is due to factors beyond his control such as equipment break down electric power failure, accident or natural disaster.

Limitation of Batch Discharge.

**SPECIAL CONDITIONS :**

12. Provision for Electric Power Failure: The applicant shall either-

(a) No later than \_\_\_\_\_ certify in writing to the consent issuing authority that applicant has installed or provided for an alternative electric power sources sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent or.

(b) No later than 30 days after the effective date of his Consent, certify in writing to the consent issuing authority that upon the reduction, loss, or failure of one or more of the primary sources of electric power to any facilities utilized by he applicant to maintain compliance with the terms and conditions of his consent, the applicant shall halt, reduce or otherwise Control production and/or all discharges in order to maintain compliance with the terms conditions of this Consent.

13. Prohibition of By-pass of Treatment Facilities: The diversion or by-pass of any discharge from facility utilised by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except:

- (i) Where unavoidable to prevent loss of life severe property damage, or
- (ii) Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

14. Spill Prevention and Containment Plan: Within 90 days of the effective date of the Consent the applicant shall prepare and submit to the consent issuing authority; a Spill Prevention; Containment and Countermeasure Plan for the facility covered by this Consent. Such plan shall include the following information and procedures relating to the prevention of spills and unauthorized discharges or oil and hazardous substances;

- (a) A description of a reporting system to be used to notify immediately persons responsible for management of a facility and appropriate State and Central authorities;
- (b) A description of equipment or facilities (including overall facility) for the prevention, containment of spills and unauthorized discharge;
- (c) A list of all oil and hazardous materials used processed or stored at the facility including the normal quantity maintained on the premises for each listed material;
- (d) A brief description of any spills or unauthorized discharge which occurred during the 36 months period preceding the effective date of this Consent and subsequent measures taken by the applicant or reduce the possibility or further spills or unauthorized discharges; and.
- (e) An implementation schedule for additional equipment or facilities which might be required for sub para (b) above but which are not yet operational.

## SPECIAL CONDITIONS

1. The date of commissioning of the industry shall be informed at least one month in advance.
2. Industry shall provide proper treatment facility of adequate capacity for treatment of all industrial effluent and domestic effluent to ensure the treated effluent quality meets the standards prescribed by the Board and notified in gazatte dated 25-03-88.
3. The treated industrial & domestic effluent shall be utilized for plantation within pre mises in any circumstances. The concept of 'Zero Discharge' condition at all the time shall be maintained.
4. Industry shall install separate electric metering arrangement for running of all pollution control devices and this arrangement shall be made in such a fashion that any non-functioning of pollution control device shall stop the electric supply to the production and tripped till such time unless the pollution control devices are made functional again. A log book for consumption of electricity and chemical in the pollution control devices shall be maintained.
5. Extensive tree plantation shall be done in and around factory premises. The tree plantation shall be carried out in phase manner preferably with local species as far as possible.
6. Environmental clearance as applicable shall be taken from Ministry of Environment and Forest as per EIA Notification as amended upto date.
7. Industry should submit the land diversion certificate within six months of issue of this consent letter.
8. Industry shall provide safe and scientific arrangment for handling storage and diposal of all solid wastes and dust generated/collected in furnace/pollution control devices etc as applicable. Industry shall not store these materials for longer period. Industry shall provide pucca platform above ground level for temporary storage area to avoid erosion due to rain.
9. Industry shall use fly ash based bricks, tiles, blocks etc. for their civil construction work as far as possible.
10. The industry shall establish an Environmental Management Cell to carryout function relating to environmental management under the supervision of senior executive, who will directly report to the head of organization.
11. The submission of Environmental Statement by the industries who seek consent under Air & Water Acts or both and authorization under the Hazardous Waste (Management & Handling) Rules, 1989/2000 has been made mandatory under the Environment (Protec-tion) Act, 1986. As per the provision, such industries are required to submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
12. Good house keeping practices shall be adopted by the industry.

13. A regular monitoring report of the treated effluent shall be submitted to the Board every six months.
14. Industry shall obtain letter of authorization under Hazardous Waste Management Rule 1989 (As amended on 20th May,2003) from the Board (if required).
15. Industry shall provide adequate collection/ treatment arrangement for proper management of storm water. Industry shall adopt rain water harvesting techniques in the plant premises for ground water recharging and conservation of water.
16. Industry shall obtain statutory clearances/licenses from concerned Central/State Government, Boards, Bodies and Corporations etc. as applicable before establishment of the plant. Industry shall follow direction issued by Central/State Government, Central Pollution Control Board/Chhattisgarh Environment Conservation Board from time to time regarding control of water & air pollution and for environmental conservation.
17. The issuance of this permission does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorized any injury to private property or any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
18. Any change in product, production capacity, process, raw materials used, project profile etc. shall be intimated to the Board. For any change of the above prior permission of the Board shall be obtained.
19. Board reserves right to amend/ cancel any of the above conditions and add new conditions as and when deemed necessary.

This consent is valid upto twelve months starting from first day of month of commissioning of the industry and has to be renewed every year. Application with annual license fee in this regard shall reach the office 180 days before the expiry of this consent.

For & on behalf of  
C.G. Environment Conservation Board

  
**REGIONAL OFFICER**  
C.G. Environment Conservation Board  
Raigarh (C.G.)



Regional Office  
C.G. Environment Conservation Board  
T.V. Tower Road, Raigarh  
Phone -226569

D.No. / 151 /R.O. / T.S./ C.E.C.B./ 2008

Raigarh, Dated: .....16.05.08

To,

**M/S Shree Rupanadham Steel (P) Ltd.**  
**Vill. - Saraipali, Teh. - Temnar**  
**Distt. - Raigarh (C.G.)**

Sub: Consent of the Board Under Section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974.

Ref: Your application inward no. 298 dated 06.05.08

With reference to above application, consent is hereby granted subject to the terms and conditions incorporated in the schedule annexed hereto for the period of 12 months from the first date of the month of commissioning of the plant.

	Name of Product	Production capacity
1)	M.S. Ingots	: 33500 MT/Annum (Thirty Three Thousand Five Hundred Metric Tones Per Annum)
(2)	TMT Bar	: 4800 MT/Annum (Four Thousand Eight Hundred Metric Tones Per Annum)

**This production capacity is as per your application. Industry has to submit a copy of permanent registration from DT & IC for the proof of actual production capacity.**

Please acknowledge the receipt of this letter.

For & on behalf of  
C.G. Environment Conservation Board

  
**REGIONAL OFFICER**  
C.G. Environment Conservation Board  
Raigarh (C.G.)

D.No. / /R.O. / T.S./ C.E.C.B./ 2008

Copy to :-

Raigarh, Dated: .....

Cess Section, C.G. E.C.B., Raigarh for information Please.

**REGIONAL OFFICER**  
C.G. Environment Conservation Board  
Raigarh (C.G.)



**CHHATTISGARH**  
**ENVIRONMENT CONSERVATION BOARD**

**CONSENT LETTER**

No. RGH /P/ Water/ May /2008/R

/C.E.C.B./2008

Raigarh, Dated 16.05-08

Subject : Consent to **M/S Shree Rupanadham Steel (P) Ltd., Vill. - Saraipali, Teh. Tamnar, Distt. - Raigarh (C.G.)** for the discharge of effluent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974.

Ref: Your application inward no. 298 dated 06.05.08

With reference to the above application for consent to discharge effluent into the natural water courses under the Water (Prevention and Control of Pollution) Act, 1974 herein referred to as per the Act, **M/S Shree Rupanadham Steel (P) Ltd., Vill. - Saraipali, Teh. Tamnar, Distt. - Raigarh (C.G.)** is authorised by the State Board to discharge its industrial and other and special conditions as mentioned in the Annexure.

With reference to above application, consent is hereby granted subject to the terms and conditions incorporated in the schedule annexed hereto for the period of 12 months from the first date of the month of commissioning of the plant.

Name of Product	Production capacity
1) M.S. Ingots	: 33500 MT/Annum (Thirty Three Thousand Five Hundred Metric Tones Per Annum)
(2) TMT Bar	: 4800 MT/Annum (Four Thousand Eight Hundred Metric Tones Per Annum)

**This production capacity is as per your application. Industry has to submit a copy of permanent registration from DT & IC for the proof of actual production capacity.**

For & on behalf of  
C.G. Environment Conservation Board

  
**REGIONAL OFFICER**  
Regional Officer  
C.G. Environment Conservation Board  
Raigarh (C.G.)

## ANNEXURE

Enclosure to Consent Letter issued to

M/s Rupanadham Steel Pvt. Ltd. Vill. Saraipali, Teh. Tamnar, Distt. Raigarh (C.G.)

Location of factory - Kh. No. 45, 50/1, 50/2, 49/6Ka, 49/6Kha, 49/7, 49/5 & 62/2, P.H. No. 35, Vill. Saraipali, Teh. Tamnar, Raigarh

Vide CONSENT No. RG11/P/Water/May.-2008/ R

/DATE:- 16.05.08

### A. GENERAL CONDITIONS :-

1. All discharges authorized shall be consistent with terms and conditions of this Consent facility expansions, production, increases or process Modifications which result in new or increased discharges of pollutants must be reported by submission of a new Consent, application or if such new, or increased discharge does not violate the effluent limitations specified in the Consent, by submission to the Board details of such new or increased discharges of pollutants in which case the consent may be modified to specify effluent limitations for any pollutants not identified and limited here in the discharge of any pollutant more frequently than or at a level in excess of that identified and authorized by the Consent shall constitute a violation of the terms and conditions of the Consent.
2. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to the following: -
  - (a) violation of any terms and conditions of this Consent.
  - (b) Obtaining this Consent by misrepresentation or failure to disclose fully all relevant facts.
  - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
3. Notwithstanding para (2) above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established for a toxic pollutant which is present in the discharge authorized here in and such standard or prohibition is more stringent than any limitation upon such pollutant in this Consent the Consent shall be revised or modified in accordance with the toxic effluent standard or prohibition that the Board may consider and the applicant shall be so notified.
4. The applicant shall allow the staff of Chhattisgarh Environment Conservation Board and/or their authorized representative, upon the Presentation or credentials:
  - (a) To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
  - (b) To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this Consent.
  - (c) To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent; or
  - (d) To sample at reasonable times any discharge or pollutants.
5. The Application shall at all times maintain in goods working order and operate as efficiently as possible all treatment or control facilities of system installed or used by him to achieve compliance with the terms and conditions of this Consent.
6. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorized any injury to private property or any invasion of personal rights, nor any infringement of Central, State or local laws or regulation.
7. The Consent does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any water course.
8. The specific effluent limitations and other pollution controls applicable to the discharge permitted here in are set forth below specific conditions. Also set forth below are self-monitoring and reporting requirements. Unless otherwise specified, the applicant shall submit duplicate original copies of all reports to the Chhattisgarh Environment Conservation Board. Except for date determined to be confidential all such reports shall be available for public inspection at the office of the Chhattisgarh Environment Conservation Board. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provide for in section 42 of the Act.

### B. SPECIAL CONDITIONS:-

1. Initial Effluent limitation during the period beginning on the effective date of this consent and lasting until calender year discharge from outfalls shall be limited and monitored by the applicant as specified below: -
  - (a) The following shall be limited by the applicant as specified

S.No	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement*	Type of Sample+
		Mg/L	Kg/Day	Mg/L	Kg/Day		

\* Daily/Weekly/Monthly/Six monthly.

\* Grab/ 24 Hours Composite

S.No	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement*	Type of Sample+
		Mg/L	Kg/Day	Mg/L	Kg/Day		

\* Daily/Weekly/Monthly/Six monthly.

\* Grab/ 24 Hours Composite

For the purpose of this sub-section, the daily average discharge is the total discharge by weight during the calendar month divided by the number of days in month the production or commercial facility was operating for the purpose of the sub-section the daily maximum discharge means the total discharge by weight during any calendar day.

(b) The pH shall not be less than 5.5 or greater than 9.0

2. Final effluent Limitation: - During the period beginning from 1st day of month of commissioning of the industry and lasting until the date of expiration of this Consent, discharge from the outfalls shall be limited and monitored by the applicant as specified below :

(a) The following shall be limited and monitored by the applicant as specified.

S.No	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement*	Type of Sample+
		Mg/L	Kg/Day	Mg/L	Kg/Day		
1.	B.O.D.		30	0.04	Six monthly Composite	24 hours	
2.	C.O.D.		250	0.37			
3.	S.S.		100	0.15			
	PH 5.5 to 9.0				Daily	Grab	
Flow:	Industrial :- Nil M <sup>3</sup> /Day Domestic - 1.5 M <sup>3</sup> /Day						

\* Daily/Weekly/Monthly/Six monthly. †

\* Grab/ 24 Hours Composite

Additionally, out falls shall be monitored as follows:

(i) Flow, Temperature and Total solids : Daily

(ii) Grab Samples Maximum discharge temperature above upstream receiving water shall be in accordance with the standard of ISI at 400 C.

(iii) Uniform as per ISI at 400 C.

The temperature shall be monitored daily on each outfall. For the purpose of the sub-section the daily average is the total discharge by weight during calendar month divided by the number of days in month that the production or commercial facility was operating for the purpose of this sub-section, the daily maximum discharge means the total discharge by weight during any calendar day.

(b) The pH shall not be less than 5.5 or greater than 9.0 for out fall. The samples are taken daily, grab samples.

3. Schedule of compliance for effluent limitation:-

(a) The applicant shall achieve compliance with the effluent limitation. Specified above for discharge from out falls in accordance with the following schedule :

(i) Report of Progress Monthly

(ii) Completion of final plans by .....

(iii) Award of contract of other commitment of financing .....

(iv) Commencement of construction by .....

(v) Report of construction progress .....

(vi) Completion of construction by .....

(vii) Attainment of operational level by .....

(b) The applicant shall submit to the Consent issuing Authority the required report of progress or where a specific action is required in (a) above to be taken by a certain date A written notice of compliance or non-compliance with each of the above scheduled dates, post marked not later than 14 days following each elapsed date. Each notice of non compliance shall include the following: -

(1) A short description of the non-compliance.

(2) A description of any action taken or proposed by the applicant to comply with the elapsed scheduled requirement without further delay.

(3) An estimate of any factors which tend to explain or mitigate the non-compliance, and

(4) An estimate of the date, the applicant will comply with the elapsed scheduled requirement and assessment of the possibility that the applicant will meet the next scheduled requirement time.

5. Compilation of monitoring Data

(a) Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.

(b) Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet monitoring requirements specified above shall conform to such guidelines. Unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and here it is not specified the guidelines as per standard methods for the examination of Water & Waste Waters 13th Edition of the American Public Health Association, New York U.S.A. shall be used.

(c) The applicant shall take samples and measurement to meet the monthly requirements specified above at the location indicated below:

**POINT OF SAMPLING**

(i) - Out falls of waste.

(ii) 100 meters from point to confluence, down stream to river or lake.

6. Recording of Monitoring activities and Results:

(a) The applicant shall make and maintain records of all information resulting from monitoring activities by this Consent.

(b) The applicant shall record for each measurement of sample take pursuant to the requirements of this Consent that following information

(1) The date exact place and time of sampling

(2) The dates on which analysis were performed.

(3) Who performed the analysis.

(4) The analytical techniques of methods used and.

(5) The result of all required analysis.

(c) If applicant monitors any pollutant more frequently as is required as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board, such increased frequency shall be indicated on the Discharge Monitoring Report form.

(d) The applicant shall retain for a minimum of 3 years all records of monitoring activities and results including all records of calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period or retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by the Central or State Board..

7. Reporting of Monitoring Results:

(a) Monitoring information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring Report form duly filled in and signed, to the Board's office at the following address:

**CHHATTISGARH ENVIRONMENT CONSERVATION BOARD**

**T.V. TOWER ROAD**

**RAIGARH (C.G.) 496001.**

(b) Each submitted Discharge Monitoring Report shall be signed as follows:

(i) If submitted by Corporation by a Principal Executive Officer of at least the level of Vice-President or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the discharge Monitoring Report originates,

(ii) If submitted by a partnership by a general partner.

(iii) If submitted by a sole proprietor, the proprietor,

(iv) If submitted by a Municipal, State or Central Government or other public enterprises, by a Principal Executive Officer, ranking elected official commanding officer, or other duly authorized employee.

(c) All information submitted on the Discharge Monitoring Form shall be based upon measurements and sampling carried out during the three previous calendar months. The first Discharge Monitoring Report shall be submitted for a period ending 60 days from issuance. Thereafter reporting period shall end on the last date of each month. The applicant shall submit a Discharge Monitoring Report post marked no later than 28th day of the month following each completed reporting period.

8. Limitation of Discharge of Oil Hazardous Substance in harmful quantities: The applicant shall not discharge oil in quantities defined as harmful in regulations. In addition the applicant shall not discharge hazardous substance into natural water course in quantities defined as harmful in regulations promulgated by the Board. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

9. Limitation of visible Floating Solids and Foam: During the period beginning date of issuance and lasting until the date of expiration of this Consent the applicant shall not discharge floating solids or visible foam.

10. Disposal of Collected Solids:

(a) Intake Water Treatment: Solids Sludge, dirt, silt or other pollutant separated from or resulting from treatment of intake or supply waters period to use by the applicant shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water Any live fish, shall fish or other animals collected or trapped as a result of intake water screening or treatment may be returned to water shall be disposed of in such a manner as to prevent any pollutants from such materials from entering natural water,

(b) Waste water Treatment, Solids sludge, filter, backwash of other pollutant removed from or resulting from treatment or control of waste waters shall be disposed of in such a manner as to prevent any pollutants from such materials from entering natural water.

11. Non-compliance with Effluent Limitations:

(a) If for any reason the applicant does not comply with or will be unable to comply with or will be unable to comply with any daily maximum effluent limitations specified in this Consent the applicant shall immediately notify the Consent issuing authority or his designee by telephone No. \_\_\_\_\_ and provide the Consent issuing Authority with the following information in writing within 5 days of such notification:

(a) Cause of non-compliance.

(b) A description of the non-complying discharge including its impact upon the receiving water.

(c) Anticipated the time condition of non compliance is expected to continue or if such condition has been corrected, the duration of non-compliance.

(d) Steps taken by the applicant to reduce and eliminate the non-complying discharge and;

(e) Steps to be taken by the applicant to prevent recurrence of conditions of not compliance.

(b) The applicant shall take all responsible steps to minimize any adverse impact to natural waters resulting from non-compliance with any effluent limitation specified in this Consent including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.

(c) Nothing in this Consent shall be constructed to relieve the applicant from civil or criminal penalties for non-compliance, whether or not such non-compliance is due to factors beyond his control such as equipment break down electric power failure, accident or natural disaster.

Limitation of Batch Discharge.

**SPECIAL CONDITIONS :**

12. Provision for Electric Power Failure: The applicant shall either-

(a) No later than \_\_\_\_\_ certify in writing to the consent issuing authority that applicant has installed or provided for an alternative electric power sources sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent or.

(b) No later than 30 days after the effective date of his Consent, certify in writing to the consent issuing authority that upon the reduction, loss, or failure of one or more of the primary sources of electric power to any facilities utilized by he applicant to maintain compliance with the terms and conditions of his consent, the applicant shall halt, reduce or otherwise Control production and/or all discharges in order to maintain compliance with the terms conditions of this Consent.

13. Prohibition of By-pass of Treatment Facilities: The diversion or by-pass of any discharge from facility utilized by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except:

(i) Where unavoidable to prevent loss of life severe property damage, or

(ii) Where excessive storm drainage or run of f would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

14. Spill Prevention and Containment Plan: Within 90 days of the effective date of the Consent the applicant shall prepare and submit to the consent issuing authority; a Spill Prevention; Containment and Countermeasure Plan for the facility covered by this Consent. Such plan shall include the following information and procedures relating to the prevention of spills and unauthorized discharges or oil and hazardous substances;

(a) A description of a reporting system to be used to notify immediately persons responsible for management of a facility and appropriate State and Central authorities;

(b) A description of equipment or facilities (including overall facility) for the prevention, containment of spills and unauthorized discharge;

(c) A list of all oil and hazardous materials used processed or stored at the facility including the normal quantity maintained on the premises for each listed material;

(d) A brief description of any spills or unauthorized discharge which occurred during the 36 months period preceding the effective date of this Consent and subsequent measures taken by the applicant or reduce the possibility or further spills or unauthorized discharges; and.

(e) An implementation schedule for additional equipment or facilities which might be required for sub para (b) above but which are not yet operational.

## SPECIAL CONDITIONS

1. The date of commissioning of the industry shall be informed at least one month in advance.
2. Industry shall provide proper treatment facility of adequate capacity for treatment of all industrial effluent and domestic effluent to ensure the treated effluent quality meets the standards prescribed by the Board and notified in gazette dated 25-03-88.
3. The treated industrial & domestic effluent shall be utilized for plantation within premises in any circumstances. The concept of 'Zero Discharge' condition at all the time shall be maintained.
4. Industry shall install separate electric metering arrangement for running of all pollution control devices and this arrangement shall be made in such a fashion that any non-functioning of pollution control device shall stop the electric supply to the production and tripped till such time unless the pollution control devices are made functional again. A log book for consumption of electricity and chemical in the pollution control devices shall be maintained.
5. Extensive tree plantation shall be done in and around factory premises. The tree plantation shall be carried out in phase manner preferably with local species as far as possible.
6. Environmental clearance as applicable shall be taken from Ministry of Environment and Forest as per EIA Notification as amended upto date.
7. Industry should submit the land diversion certificate within six months of issue of this consent letter.
8. Industry shall provide safe and scientific arrangement for handling storage and disposal of all solid wastes and dust generated/collected in furnace/pollution control devices etc as applicable. Industry shall not store these materials for longer period. Industry shall provide pucca platform above ground level for temporary storage area to avoid erosion due to rain.
9. Industry shall use fly ash based bricks, tiles, blocks etc. for their civil construction work as far as possible.
10. The industry shall establish an Environmental Management Cell to carryout function relating to environmental management under the supervision of senior executive, who will directly report to the head of organization.
11. The submission of Environmental Statement by the industries who seek consent under Air & Water Acts or both and authorization under the Hazardous Waste (Management & Handling) Rules, 1989/2000 has been made mandatory under the Environment (Protection) Act, 1986. As per the provision, such industries are required to submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
12. Good house keeping practices shall be adopted by the industry.

13. A regular monitoring report of the treated effluent shall be submitted to the Board every six months.
14. Industry shall obtain letter of authorization under Hazardous Waste Management Rule 1989 (As amended on 20th May,2003) from the Board (if required).
15. Industry shall provide adequate collection/ treatment arrangement for proper management of storm water. Industry shall adopt rain water harvesting techniques in the plant premises for ground water recharging and conservation of water.
16. Industry shall obtain statutory clearances/licenses from concerned Central/State Government, Boards, Bodies and Corporations etc. as applicable before establishment of the plant. Industry shall follow direction issued by Central/State Government, Central Pollution Control Board/Chhattisgarh Environment Conservation Board from time to time regarding control of water & air pollution and for environmental conservation.
17. The issuance of this permission does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorized any injury to private property or any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
18. Any change in product, production capacity, process, raw materials used, project profile etc. shall be intimated to the Board. For any change of the above prior permission of the Board shall be obtained.
19. Board reserves right to amend/ cancel any of the above conditions and add new conditions as and when deemed necessary.

This consent is valid upto twelve months starting from first day of month of commissioning of the industry and has to be renewed every year. Application with annual license fee in this regard shall reach the office 180 days before the expiry of this consent.

For & on behalf of  
C.G. Environment Conservation Board

  
**REGIONAL OFFICER**  
C.G. Environment Conservation Board  
Raigarh (C.G.)