



J-11015/331/2006- IA. II (M)
Government of India
Ministry of Environment & Forests

Telefax: 011-24367257
Paryavaran Bhavan, C.G.O. Complex,
Lodi Road, New Delhi-110003.
Dated: June 04, 2009.

To
M/s Steel Authority of India Ltd.
Bhilai Steel Plant
Bhilai - 490 001
Chhattisgarh - 490 001.

Sub: Rowghat Iron Ore Mine - Deposit F (ML area 2028.797 ha and production capacity 14.0 MTPA) in Matla Reserve Forests, in Narainpur and Kanker Distt., in Chhattisgarh - reg. Environmental Clearance.

Sir,

The undersigned is directed to refer to your letters dated 28.07.2007, 29.08.2008, 17.10.2008, 30.10.2008 and 3.4.2009 on the above mentioned subject. The Ministry of Environment and Forests has examined the application.

2. It has been noted that the proposal is for Iron Ore mining at capacity 14.0 MTPA from Deposit-F, located in the Matla reserve forest area of Kanker & Bastar Districts of Chhattisgarh. Deposit-F comprises of 7 blocks viz. Raodongri, Block-A, Tarhur Anjrel, Korgaon, Khargaon and Takrel. The strike length from Raodongri to Takrel is about 13.0 Km and average width is 700 metres. Dalli - Rajhara is the nearest railhead and is located at about 90 kms from the mine site. Two crushing units are proposed at the hill top of Rowghat Deposit-F, to handle 14.0 MT of ROM. Only primary and secondary crushing will be undertaken. State of art technology will be adopted for dry processing at Rowghat. The secondary crushed ore will be despatched to screening plant through down-hill closed conveyor consisting of pipe conveyors in steeper portion and open conveyors in gentler gradients. The total length of such down hill conveyor system will be about 12 km. Dry screening plant is proposed to be set up down-hill near loading siding. The sized product +15 -35mm will be despatched for consumption of Blast Furnace at Bhilai. The remaining material will be sent to existing facilities at Dalli-Rajhara for wet processing. Infrastructure facilities would be developed at foot hill. Mining will be carried out in two phases viz. Phase-I and Phase-II. Mining shall begin from Phase-I. Phase-I will involve development of Block-A, Tarhur and Anjrel which will comprise of an area of about 520.37 ha. In Phase-II, it is proposed to develop three blocks viz. Korgaon, Kharkagaon and Takrel. Mining area required in Phase-II will be about 362.85 ha. Method of mining will be open cast mechanised involving drilling and blasting. Break up of land use area at the end of mining will be as follows: mining area 678.63 ha; area for waste dump 52.48 ha; infrastructure 19.80 ha; roads and railways 42.20 ha; conveyor gallery 9.45 ha; power corridor 3.30 ha; loading yard 15.36 ha; and foothill complex 15.36 ha. There are no wildlife sanctuaries, national parks, biosphere reserves, heritage sites etc. within 10 km of the lease boundary. Ultimate depth of mining will be at 690 m above MSL. Ground water table is at 553 m above MSL. Mining will not intersect ground water table. Water requirement will be about 6850 KLD which will be met from Mendki River and Nibra nallah. Solid waste of about 15 million cum will be generated. Mining plan (including progressive mine closure plan) was approved by IBM on 22.03.2007. Public hearings were held on 25.06.2007 and 29.06.2007. Stage-I Forestry clearance for diversion of 883.22 ha for forest land for non-forests activity was accorded on 21.11.2008. Cost of the project will be about Rs 2500/- Crores.



True Copy/Photo Copy

ATTESTED

1
RAMESH TIWARI
NOTARY - ADVOCATE
G.G. (INDIA)

110 JUN 2009

3. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated September 14, 2006.

4. Based on the information submitted by you, as at Para 2 above and others, the Ministry of Environment and Forests hereby accords environmental clearance to the above project for mining over a lease area of 883.22 ha for which forests clearance (Stage-I) for diversion of forest land has been accorded, under the provisions of EIA notification dated September 14, 2006, subject to the compliance of the following Specific and General conditions.

A. Specific conditions

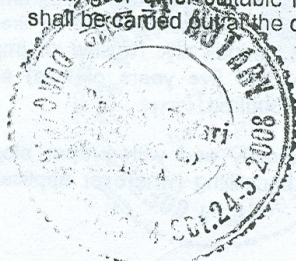
- i) To conserve the rich biodiversity of the area including wildlife, mitigating measures for regeneration / restoration of rare plants of economic importance including medicinal plants and wildlife species which require protection and conservation shall be undertaken during the development of mine leases and the status of implementation shall be submitted to the Regional Office of the Ministry every half yearly. The said measures shall also include identification and development of safe corridor for the wild animals, conservation of top soil to save the herbaceous and micro-flora etc. The required EMP should be in place in the initial years of mine construction activities.
- ii) Conservation plan for wildlife shall be prepared in consultation with the Chief Wild Life Warden and implemented during the mine development stage before start of mining activity at Phase - I. The plan shall consist of in-built monitoring and evaluation mechanism. Necessary fund for implementation of the same shall be separately allocated and shall not be diverted for any other activity.
- iii) The project proponent shall ensure that 20% of the profit shall be spent for the development of the area for the benefit of the marginalised section of the population especially tribal people. The status of implementation shall be submitted to the Regional Office of the Ministry on a half yearly basis.
- iv) List of house hold-wise economic activities proposed to be provided shall be prepared and submitted within six months to the Ministry.
- v) Implementation of all identified and, to be identified, economic activities shall start immediately and be completed during the construction period (i.e mine development stage) and in any case before actual mining starts so as to ensure that the local people get the benefits of such economic package during the construction period itself.
- vi) Medical and sanitary measures including toilet facilities especially for the women should be in place in the first two years of construction activities.
- vii) A time bound programme to control the endemic diseases should be launched and periodic reviews shall be conducted to see the impact of various health cares taken by the company and whenever necessary remedial steps taken.
- viii) Facilities including transport to ensure full enrolment and nil or least drop out shall be in position during the construction period itself so that education is provided to the boys and girls of the area.

True Copy/Photo Copy
ATTES TO

RAMESH TINGIA
NOTARY - ADVOCATE
DURG C.G. (INDIA)

10 JUN 2009

- 5
- ix) A list of eligible boys and girls of the buffer zone indicating their individual aptitudes in various skills including skills relevant for the company's activities (mining, office etc), requirements (dresses, gloves etc for the workers) and such boys and girls shall be imparted required training so that local boys and girls get employment in the company and the attempt should be to create a situation so that the excuse that for want of skilled hands local people could not be employed in the service of the company should be minimal.
- x) A 50 m barrier of no mining zone all along both the side(s) facing seasonal or perennial nallahs /streams passing through the lease area (if any) shall be demarcated and thick vegetation of native species raised. In case such nallahs/streams runs adjacent the lease, the barrier shall be all along the side facing the nallah/stream.
- xi) Adequate measures shall be undertaken during the period of development of mine to compensate loss of forest cover in addition to the obligatory compensatory afforestation under various laws shall be submitted to the Regional Office of the Ministry. Status of implementation of the measures undertaken shall be submitted to the Regional Office of the Ministry on half yearly basis.
- xii) Shelter belt i.e Wind Break of 30 m width and consisting of at least 5 tiers around lease facing the human habitation / agricultural fields (if any in the vicinity) etc. shall be raised.
- xiii) Economic package with initial financial assistance for providing gainful economic activities on sustained basis for the households (whose sustenance are based on the forests where the lease is located) consistent with their skills such as poultry farming / piggery / goat (sheep) rearing in the backyard (of the houses) and other potential activities as identified during the field survey and proper marketing tie-up for their products including convenient collection centres for minor forest produce, shall be developed and implemented before three months of starting mining at Phase- I.
- xiv) Land-use pattern of the nearby villages shall be studied, including common property resources available for conversion into productive land. Action plan for abatement and compensation for damage to agricultural land/ common property land (if any) in the nearby villages, due to mining activity shall be submitted to the Regional office of the Ministry. Annual status of implementation of the plan and expenditure thereon shall be reported to the Regional Office of the Ministry.
- xv) Maintenance of village roads through which transportation of ores are undertaken shall be carried out by the company regularly at its own expenses. The roads shall be black topped.
- xvi) Rain water harvesting shall be undertaken to recharge the ground water source. Status of implementation shall be submitted to the Regional Office of the Ministry within six months before mining begins in Phase -I and thereafter every year from the next consequent year.
- xvii) Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting of other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.



3

True Copy/Photo Copy

ATTESTED

RAMESH TIWARI
NOTARY - ADVOCATE
DELHI C.G. (INDIA)

10 JUN 2009

- xviii) Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs (if any) flowing through the ML area and silts arrested. De-silting at regular intervals shall be carried out.

Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.

- xix) Ground and surface water (if any) in and near (within 5.0 km of the lease) the core zone shall be regularly monitored for contamination and depletion due to mining activity and records maintained. *The monitoring data shall be submitted to the regional office of the Ministry regularly.* Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.
- xx) Where lands have been identified for development of certain activities like "Botanical Park", "Fuel Wood and Fodder Plantations", "Nursery" etc. action to implement such projects should be completed during construction period. Status of implementation shall be submitted to the Regional office of the Ministry **within three months before start of mining at Phase-I.**
- xxi) Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office of the Ministry.
- xxii) Ambient air quality monitoring shall be regularly carried out for criteria pollutants for which adequate monitoring stations shall be set up in consultation with the Central / State Pollution Control Board. The data monitored shall be displayed on the company's website and at important public places in the area mine is located.
- xxiii) Transportation of ore shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of ore / dust takes place. Transportation shall be done only during day time.
- xxiv) Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. The company shall engage a full time qualified doctor who is trained in occupational health. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures undertaken (at interval of five years or less) shall be conducted followed by follow up action wherever required.
- xxv) Top soil / solid waste shall be stacked separately and with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for

True Copy/Photo Copy
ATTESTED
RAMESH TILAK
NOTARY - ADVOCATE
GURUGRAM (INDIA)

10 JUN 2009

(4)

reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.

- xxvi) Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 30 m, each stage shall preferably be of 10 m and overall slope of the dump shall not exceed 28°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.

Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests on six monthly basis.

- xxvii) Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.

- xxviii) Adequate plantation shall be raised in the ML area, haul roads, OB dump sites etc. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The density of the trees shall be around 2500 plants per ha. The company shall involve local people with the help of self help group for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office of the Ministry every year.

- xxix) Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year - pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF, Central Ground Water Authority and Regional Director, Central Ground Water Board.

- xxx) The waste water from the mine shall be treated to conform to the prescribe standards before discharging in to the natural stream. The discharged water from the Tailing Dam (if any) shall be regularly monitored and report submitted to the Ministry of Environment & Forests, Central Pollution Control Board and the State Pollution Control Board.

- xxxi) Hydro-geological study of the area shall be reviewed annually and report submitted to the Regional Office of the Ministry. In case adverse effect on ground / surface water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on water sources is implemented.

- xxxii) Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of ores and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. Transportation of ore shall be done only during day time. The vehicles transporting ores shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of ores for transportation shall be committed. The trucks transporting ore shall not pass through wild life sanctuary.

- xxxiii) Prior permission from the Competent Authority shall be obtained for extraction of ground water (if any).



10 JUN 2009

True Copy/Photo Copy

ATTESTED

DAMESH TIWARI
NOTARY - ADVOCATE
PUNE 411 004, INDIA

- xxxiv) Action plan with respect to suggestions/improvements and recommendations made during public consultation/hearing shall be submitted to the Ministry and the State Govt within six months.
- xxxv) For overseeing and monitoring the progress of various EMP measures and for taking any corrective actions the initiatives and responsibilities should be that of the local officers of M/s BSP.
- xxxvi) A Sub-Group of the EAC consisting of two members of the EAC and an officer of the Ministry of appropriate seniority (to be constituted) shall make site visit at least once a year during the construction period and thereafter once in two years to see the state of compliance with various conditions stipulated by the Ministry from time to time and suggest appropriate action if any deficiency is noticed. The Sub-Group shall suggest to the EAC stoppage of any activities if it is satisfied that the company has not been properly implementing the EMP upon which the EAC shall make appropriate recommendations to the Ministry.
- xxxvii) Advance intimation for the visit(s) of the Sub-Group shall be provided to the Ministry by M/s SAIL / BSP atleast three months in advance. The continuance of mining shall be determined by the report submitted by the Sub-Group on the state of affairs on mining and the related environmental issues including socio economic activities for the benefit of the local people, conservation of flora and fauna etc.
- xxxviii) A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Ministry of Environment & Forests, 5 years in advance of final mine closure for approval.

B. General conditions

- (i) No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.
- (ii) No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
- (iii) Fugitive dust emissions from all the sources, shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
- (iv) Four ambient air quality-monitoring stations shall be established in the core zone as well as in the buffer zone for RPM, SPM, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- (v) Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Ministry including its Regional office located at Bhopal and the State Pollution Control Board / Central Pollution Control Board once in six months.

True Copy / Photo Copy

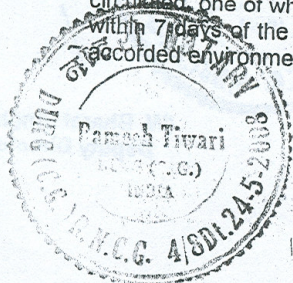
ATTESTED

RAMESH TIWARI
COUNSELLOR - ADVOCATE
BHOPLA G.G. (INDIA)

10 JUN 2009

3

- (vi) Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
- (vii) Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
- (viii) Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (ix) A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- (x) The project authorities shall inform to the Regional Office of the Ministry located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (xi) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bhopal.
- (xii) The project authorities shall inform to the Regional Office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (xiii) The Regional Office of the Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- (xiv) The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Bhopal, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests, Bhopal.
- (xv) A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
- (xvi) State Pollution Control Board, shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office / Tehsildar's Office for 30 days.
- (xvii) The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with



True Copy/Photo Copy
7
ATTESTED

10 JUN 2009
RAMESH TIWARI
ADVOCATE
(INDIA)

the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Bhopal.

5. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
6. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
7. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
8. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

Yours faithfully,

(W. Bharat Singh)
Deputy Director

Copy to:

1. Secretary, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi.
2. Secretary, Department of Environment, Government of Chhattisgarh, Raipur.
3. Secretary, Department of Mines and Geology, Government of Chhattisgarh, Raipur.
4. Secretary, Department of Forests, Government of Chhattisgarh, Raipur.
5. Chief Wildlife Warden, Government of Chhattisgarh, Raipur.
6. Chief Conservator of Forests, Ministry of Environment & Forests, Regional Office, C-5, Arera Colony, Bhopal.
7. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
8. Chairman, Chhattisgarh Environment Conservation Board, Nanak Niwas, Civil Lines, Raipur - 421 001, Chhattisgarh.
9. Member Secretary, Central Ground Water Authority, A2, W -3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
10. Controller General, Indian Bureau of Mines, Indira Bhawan, Civil Lines, Nagpur- 440 001.
11. District Collector, Kanker, Govt. Chhattisgarh.
12. District Collector, Narainpur / Bastar, Govt. Chhattisgarh.
13. EI Division, Ministry of Environment & Forests, Parvavaran Bhawan, New Delhi.
14. Monitoring File.
15. Guard File.
16. Record File.

True Copy/Photo Copy
ATTESTED

RAMESH TIWARI
NOTARY - ADVOCATE
BORG C.G. (INDIA)

(W. Bharat Singh)
Deputy Director

10 JUN 2009

III in para 7(i), in sub-para III relating to Stage (3) - Public Consultation, in clause (i),—

(i) after item (c), the following item shall be inserted, namely:—

"(cc) maintenance dredging provided the dredged material shall be disposed within port limits.";

(ii) for item (d), the following item shall be substituted, namely:—

"(d) All Building or Construction projects or Area Development projects (which do not contain any category 'A' projects and activities) and Townships (item 8(a) and 8(b) in the Schedule to the notification).".

IV In para 10 relating to Post Environmental Clearance Monitoring,-

(a) the existing sub-para (i) shall be renumbered as sub-para (ii) and before sub-para (ii) as so re-numbered, the following sub-para shall be inserted namely;

"(i) (a) In respect of Category 'A' projects, it shall be mandatory for the project proponent to make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the district or State where the project is located and in addition, **this shall also be displayed in the project proponent's website permanently.** (b) In respect of Category 'B' projects, irrespective of its clearance by MoEF / SEIAA, the project proponent shall prominently advertise in the newspapers indicating that the project has been accorded environment clearance and the details of MoEF website where it is displayed. (c) The Ministry of Environment and Forests and the State/Union Territory Level Environmental Impact Assessment Authorities (SEIAAs), as the case may be, shall also place the environmental clearance in the public domain on Government portal. (d) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.";

(b) existing sub-para (ii) shall be renumbered as sub-para (iii).

V in the Schedule,—

(i) for item 1(a) and the entries relating thereto, the following item and entries shall be substituted, namely:—

4372 GI/09-3

MINISTRY OF ENVIRONMENT AND FORESTS

NOTIFICATION

New Delhi, the 1st December, 2009

S.O. 3067(E).— Whereas, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986), a draft notification for making certain amendments in the Environment Impact Assessment notification, 2006 issued vide no. S.O. 1533 (E), dated the 14th September, 2006, was published under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, vide number S.O. 195 (E), dated the 19th January, 2009, inviting objections and suggestions from all the persons likely to be affected thereby, within a period of 60 days from the date of publication of the said notification in the Gazette of India;

And whereas, all objections and suggestions received in response to the above mentioned draft notification have been duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986, read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following amendments in the said notification, namely:-

In the said notification, -

I in para 3, for sub-para (7), the following shall be substituted, namely:—

"(7) All decisions of the SEIAA shall be taken in a meeting and shall ordinarily be unanimous:

Provided that, in case a decision is taken by majority, the details of views, for and against it, shall be clearly recorded in the minutes and a copy thereof sent to MoEF."

II in para 4, in sub-para (iii), for the words and letters "In the absence of a duly constituted SEIAA or SEAC, a Category 'B' project shall be treated as a Category 'A' project", the words and letters "In the absence of a duly constituted SEIAA or SEAC, a Category 'B' project shall be considered at the Central Level as a Category 'B' project" shall be substituted.

≥ 20 MW (based on biomass or non hazardous municipal solid waste as fuel).";

(b) in column (4), for the entries, the following entries shall be substituted, namely:—

"<500MW (coal/lignite/naphtha and gas based);
<50 MW ≥ 5 MW (Pet coke, diesel and all other fuels including refinery residual oil waste except biomass);
<20MW > 15MW (based on biomass or non hazardous municipal solid waste as fuel).";

(c) in column (5), for the entries, the following entries shall be substituted, namely:—

"General Condition shall apply.

Note:

- (i) Power plants up to 15 MW, based on biomass and using auxiliary fuel such as coal / lignite / petroleum products up to 15% are exempt.
- (ii) Power plants up to 15 MW, based on non-hazardous municipal waste and using auxiliary fuel such as coal / lignite / petroleum products up to 15% are exempt.
- (iii) Power plants using waste heat boiler without any auxiliary fuel are exempt.";

(iv) against item 3(a), in column (5), for the entries, the following entries shall be substituted, namely:—

"General condition shall apply.

Note:

- (i) The recycling industrial units registered under the HSM Rules, are exempted.
- (ii) In case of secondary metallurgical processing industrial units, those projects involving operation of furnaces only such as induction and electric arc furnace, submerged arc furnace, and cupola with capacity more than 30,000 tonnes per annum (TPA) would require environmental clearance.
- (iii) Plant / units other than power plants (given against entry no. 1(d) of the schedule), based on municipal solid waste (non-hazardous) are exempted."

(1)	(2)	(3)	(4)	(5)
"1(a)	(i) Mining minerals. of	<p>≥50 ha of mining lease area in respect of non-coal mine lease.</p> <p>>150 ha of mining lease area in respect of coal mine lease.</p> <p>Asbestos mining irrespective of mining area.</p>	<p><50 ha ≥5 ha of mining lease area in respect of non-coal mine lease.</p> <p>≤150 ha ≥5 ha of mining lease area in respect of coal mine lease.</p>	<p>General Condition shall apply.</p> <p>Note: Mineral prospecting is exempted.”;</p>
	(ii) Slurry pipelines (coal lignite and other ores) passing through national parks/ sanctuaries/ coral reefs, ecologically sensitive areas.	All projects.		

(ii) against item 1(c), for the entries in column (5), the following entries shall be substituted, namely:—

“General Condition shall apply.

Note: Irrigation projects not involving submergence or inter-state domain shall be appraised by the SEIAA as Category 'B' Projects.”;

(iii) against item 1(d),—

(a) in column (3), for the entries, the following entries shall be substituted, namely—

- “≥ 500 MW (coal/lignite/naphtha and gas based);
- ≥ 50 MW (Pet coke, diesel and all other fuels including refinery residual oil waste except biomass);