Supplementary Agenda for the 161st meeting of State Expert Appraisal Committee to be held on 16.01.2018 at 10.30 AM in the Committee Room, Punjab Pollution Control Board, Nabha Road, Patiala.

INDEX

Item No.	Description	Page
161.16	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Gateway of Dreams located at Village Nabha, Zirakpur, Dera Bassi, S.A.S Nagar Mohali by M/s SBP Dream City (P) Ltd., Santemajra Road, Kharar (Proposal No. SIA/PB/NCP/71372/2017)	2-15
161.17	Application for issuance of TOR under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacing existing induction furnace in Village- Alour, Bhadla Road, Khanna, Ludhiana, Punjab by M/S Nidhi Steel Industries (Proposal no SIA/PB/IND2/21245/ 2017)	16-19

Item no.161.16: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Gateway of Dreams located at Village Nabha, Zirakpur, Dera Bassi,S.A.S Nagar Mohali by M/s SBP Dream City (P) Ltd., Santemajra Road, Kharar Proposal No. SIA/PB/NCP/71372/2017

The facts of the case are as under:-

M/s SBP Dream City (P) Ltd. has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Gateway of Dreams at Village Nabha, Zirakpur, Dera Bassi, S.A.S Nagar Mohali. The project is covered under category building construction 8 (a) of the Schedule appended to the said notification.

The details of the project as given in Form 1 and 1A and other documents are as under:

- The total plot area of the project is 15583 sqm and the total built up area of the Project is 35377 sqm. The proposal is to construct 264 flats & 8 nos. of shops having estimated population @ 1336 persons.
- The area of the site has been earmarked as residential area in Master Plan.
- The total water requirement will be 199 KLD which includes fresh water requirement @ 140 KLD. The fresh water requirement will be met through own tubewell.
- The total wastewater generation from the project will be 159 KLD, which will be treated in a STP of capacity 175 KLD to be installed at project site including wet weather flow. The treated waste water 159 KLD will be used in three different seasons as under:

  In summer season, the project proponent has proposed to utilize 59 KLD of treated wastewater for flushing purpose, 16KLD for green area & 84KLD will be discharged into MC sewer. In winter season, 59 KLD of treated wastewater for flushing purpose, 4 KLD for green area & 96KLD will be discharged into MC sewer. In rainy season, 59 KLD of treated wastewater for flushing purpose, 2KLD for green area & 98KLD will be discharged into MC sewer.

- About 2831 sqm area has been earmarked for green area development in the site.
- The project proponent has submitted letter no. 4185/BB dated 22/11/2017 issued by EO, MC, Zirakpur wherein it has been mentioned that solid waste generated will be collected by MC, Zirakpur on depositing the requisite charges as framed by Deptt. of Local Bodies, Govt. of Punjab.
- The project proponent has submitted letter no.4311/BB dated 30/11/2017 issued by EO, MC, Zirakpur wherein it has been mentioned that 210KLD treated waste water will be discharged into MC sewer by connecting the pipe from project site to MC sewer at own cost and depositing the charges as framed by Deptt. of Local Bodies, Govt. of Punjab.
- The total quantity of solid waste generation will be 531 kg/day. Solid waste will be collected separately as biodegradable and Non-biodegradable waste as per the MSW Rules, 2016 and the waste will be segregated through chute system. Biodegradable waste will be sent to approved site. The project proponent has also proposed to provide mechanical composter. The non-biodegradable waste & Recyclable waste will be sold to authorized venders. Inert waste will be sent to Municipal dumping site.
- The total load of electricity required for said project will be 1450 KW which will be taken from the PSPCL. There is a proposal to install silent 5 nos. DG Sets (2X 240 KVA & 3 x 125 KVA) as stand-by arrangement.
- The project proponent has also proposed to provide rain water harvesting pits to recharge the rain water.
- Solar energy will be used for street light as well as in the parks in phased manner.
- LED lamps and energy efficient electrical gadgets shall be used.
- As per the energy saving detail, total energy saved per day will be 153 KW/h.
- Used oil to be generated from the DG sets will be stored in HDPE tanks and sold to the authorized recyclers.
- The ambient air as well as ground water monitoring has been got done for all the parameters as prescribed in the NAAQM and IS: 10500. The concentration of all the parameters is found in the permissible limits.

- General Manager of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents.
- For implementation of EMP, Rs. 71.50 lacs as capital cost, Rs. 7 lacs as recurring cost & Rs. 5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase whereas in operation phase, Rs. 10.50 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred.
- The project proponent has proposed to spent Rs. 5 lacs towards CSR activities and Director of the company will be responsible for its implementation. The list of activities are as under: -

a) Providing jobs to nearby people will be given priority
b) Widening of road in the vicinity of the project.
c) Providing toilets in government schools
d) Parks will be maintained in MC Zirakpur
e) Environmental Awareness Camps in the 10 km area.

The details of the documents submitted with the application are as under:

1.	Properly filled Form 1 & 1A	Yes
2.	(a) **In case(s) where land has already been purchased/acquired:** Proof of ownership of land (b) **In case where land is yet to be purchased/acquired:** Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)	copy of letter of consent and jamabandi submitted
3.	Copy of Master Plan of the area showing land use pattern of the proposed site/certificate from Competent Authority intimating land use pattern of the project site as per proposals of Master Plan of the area.	submitted
4.	Layout plan duly approved by the Competent Authority/Conceptual plan of the project.	Submitted
5.	Topographical map of the area showing	Submitted

	Contour Plan. In case of Area Development Projects, the Contour Plan should reflect the true existing physical features of the site and may be prepared by the project proponent w.r.t. some permanent reference marks.	
6.	Status of construction, if any, alongwith photographs from all the four sides.	Submitted
7.	500 meter radius map of the area from periphery of project site clearly indicating the various industries (specifically red category industries) and structures lying in the area.	Submitted
8.	Complete details of following by making it an integral part of the conceptual plan/drawing/layout map:- i) Location of STP ; ii) Solid waste storage area. iii) Green belt iv) Parking space v) RWH and water recharge pits vi) Fire fighting equipment layout vii) First aid room viii) Location of Tubewells ix) DG Sets and Transformers x) Any other utilities	i. Marked ii. Marked iii. Marked iv. Marked v. Marked vi. Marked vii. Marked viii. Marked ix. Marked
9.	Permission of Competent Authority for; a) Water and Sewerage connection A letter from concerned Local Body/Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and water supply line duly marked on the lay out map/plan. b) Collection of Solid waste.	a) Submitted a copy of permission letter from MC, Zirakpur. b) Submitted a copy of permission letter from MC, Zirakpur.
10.	Water balance chart for summer, rainy and winter seasons indicating critical requirements.	Submitted
11.	Availability of adequate land for use of treated sewage and plantation.	Not applicable as Municipal sewer exists in

		the vicinity of the site
12.	Analysis reports of ambient air, ground water and noise levels from NABL/MoEF Accredited laboratories as per detail below: (i) The monitoring of groundwater, ambient air quality, noise & soil can be carried out after at least 72 hours advance intimation to SEIAA, Punjab at the e-mail id: seac_pb@yahoo.com and concerned Regional Office of Punjab Pollution Control Board. (ii) The field data sheets as prescribed by SEIAA, Punjab which are available on the official website of SEIAA, Punjab alongwith exact location of sampling / monitoring point marked on the layout map should be filled at the time of sample collection/monitoring by the Lab and should be attached with the water, air, noise & soil monitoring reports. (iii) Water, air, noise & soil monitoring reports more than 6 months old or prior to date of signing of consent letters/agreement with the land owner shall not be accepted w.e.f. June, 1st 2015 onwards. (iv) At least one groundwater sample from the shallow / first aquifer and in case groundwater is to be abstracted for drinking purposes then at least one groundwater sample from the said aquifer should be monitored and reports be attached accordingly. (v) The noise monitoring is to be carried out from all the corners of the project site as well as from the center of the project site and reports be attached accordingly.	Submitted and concentration of all the parameters are within the prescribed limits.
13.	Quantification of energy saved and renewable energy devices used.	Submitted
14.	Drawing showing plumbing systems for use of fresh, treated and hot water	Submitted

15.	Construction schedule (PERT/CPM Chart)	Submitted
16.	Undertaking(s) for ; a) Constitution of Environment Monitoring Cell b) Use of ready mix concrete or use of fly ash during construction. c) To provide Fire Fighting System d) To provide wind breaking curtains and water sprinkling system to minimize dust emissions during construction phase. e) To provide adequate safety measures for the construction workers during the construction phase.	Submitted all undertakings
17.	Environmental Management Plan indicating the following: a) All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project. b) Compliance of various environmental regulations c) Steps to be taken in case of emergency such as accidents at the site including fire. d) For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP. e) Capital & recurring cost for the EMP per year and the details of funds for the same. f) Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	a) submitted b) submitted c) submitted d) General Manager of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents. e) Rs. 71.50 lacs as capital cost, Rs. 7 lacs as recurring cost &Rs. 5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase whereas in operation phase, Rs. 10.50 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred. f) General Manager of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents.

18.	Corporate Social Responsibility indicating various activities to be undertaken, provisions of funds for the same, the period for which the same is to be implemented and the person(s) responsible for the implementation of the same.	The project proponent has proposed to spent Rs. 5 lacs towards CSR activities and Director of the company will be responsible for its implementation. The list of activities are as under: - a) Providing jobs to nearby people will be given priority b) Widening of road in the vicinity of the project. c) Providing toilets in government schools d) Parks will be maintained in MC Zirakpur e) Environmental Awareness Camps in the 10 km area
19.	Traffic Circulation System and connectivity with a view to ensure adequate parking, conflict free movements, Energy efficient Public Transport.	Submitted
20.	Disaster/Risk Assessment and Management Plan	submitted
21.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	submitted
22.	In case of expansion projects, compliance report of earlier granted environmental clearance conditions verified by Northern Regional Office of Ministry of Environment, Forests & Climate Change, Chandigarh.	Not applicable
22.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	Submitted
23.	The process of submitting an application for obtaining environmental clearance has	submitted

	been made completely online and after the acceptance of environmental clearance application by SEIAA, the system generates an automated acknowledgement asking project proponent to submit hard copy of the accepted application. If project proponent is asked to submit hardcopy prior to scrutiny of environmental clearance application online by SEIAA or after its acceptance by SEIAA, then the project proponent will submit a hard copy of the environmental clearance application alongwith other documents.	
24.	**For expansion projects:** i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total. ii. In case of increase in no. of storeys, Structural Safety/ Stability Certificate may be required from the Approved Engineer. iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors. iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.	Not Applicable
25.	The project site might be falling within a distance of 10 kms from the wildlife sanctuary and the project proponent is required to submit either documentary proof to the effect that Wildlife Sanctuary is more than 10 kms from the project site. In case, the same is within 10 kms radius then, the project proponent will file an application before the concerned DFO, Wildlife for obtaining NBWL permission and submit acknowledgement along-with copy of application submitted to concerned DFO Wildlife for obtaining permission from NBWL.	Not Applicable

Environmental Engineer, PPCB, RO, Mohali was requested vide email dated 14.12.2017 to send the latest construction status of the project site. The

Environmental Engineer, PPCB, RO, Mohali vide his letter no. 5735 dated 18.12.2017 has intimated that the site of the project was visited by AEE on 15.12.2017 and Sh Amit Jain, site incharge of the promoter company and Sh Deepak Kumar, Civil Engineer of the promoter company were contacted and they have shown the location of the site of the project. Further, it was observed that the construction activity of the one structure was almost completed at the site. The site incharge of the promoter company informed that the same has been constructed in the area reserved for the commercial showrooms. Further, the site plan shown during the visit has also been perused and from the same it was inferred that the site where the construction had been carried out has been shown as area reserved for commercial in the site plan, however, no structure has been drawn in the site plan where the construction had been carried out by the promoter company. Therefore, it is not clear that the area, where the construction has been carried out, is a part of the project or not. Furthermore, the site of the project abuts to the Zirakpur Patiala Road on one side and marriage palace on other side.

The case was considered by the SEAC in its 160th meeting held on 22.12.2017, which was attended by the following on behalf of the project proponent:

(i) Sh. Chandan Goyal, Legal Head, Promoter Company
(ii) Sh. Sital Singh, CEO, M/s CPTL, Chandigarh, Environment consultant of the promoter company.
(iii) Sh. Sumitava Dutta, FAE, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

Sh. Chandan Goyal submitted an authority letter wherein he alongwith Sh. Deepak Gupta, Environmental Advisor have been authorized by Sh. Rahul Jain, Director of the Promoter Company to attend the meeting of SEAC 22.12.2017..The same was taken on record by the SEAC.

From the perusal of visit report sent by EE, Punjab Pollution Control Board, RO, Mohali, the SEAC observed that it is not clear as to whether any construction has been carried out at the project site by the project proponent or the construction activity of the one structure, which is almost complete, is part of the project or not. Therefore, SEAC decided that a team of following members of SEAC

i.e. Sh. N.S. Kahlon & Sh. Deepak Sethi alongwith concerned AEE of Punjab Pollution Control Board, RO, Mohali who had earlier visited the site, will visit the proposed site and submit report within fifteen days so that further action in the matter could be taken.

The case be placed in the next meeting of SEAC after the report from the Committee is received.

Accordingly, the decision of the SEAC was conveyed to the said SEAC Members vide letter no. 21-22 dated 04.01.2018 with a request to visit the site & copy of the same was endorsed to Environmental Engineer, PPCB, Regional Office, Mohali vide endst no. 23 dated 04.01.2018 to depute the concerned AEE who had earlier visited the site. Further, aforesaid letter containing decision of SEAC was sent through an email dated 04.01.2018 to submit the report so that further action in the matter can be taken.

Now, a copy of visit report has been received through email on 14.01.2018 from said SEAC member and the contents of visit report are reproduced as under:-

"In reference to letter no SEAC/2018/21-22 dated 4/01/2018 regarding above cited subject, it is stated that undersigned visited the above site on 11/01/2018. During our visit to above proposed site, AEE, PPCB, RO Mohali and Mr. Sahil Bansal, applicant of the above proposed project were present. Mr. Sahil informed that area where construction activity of structure existing as reported is located in the site plan showing area reserved for commercial. This area is not a part of the proposed site area and proposed project site covering an area 15583 sq.mts is without any structure. On the basis of documents of proposed project provided by your office, discussion held with applicant and physical measurement of the land, following observations were made:

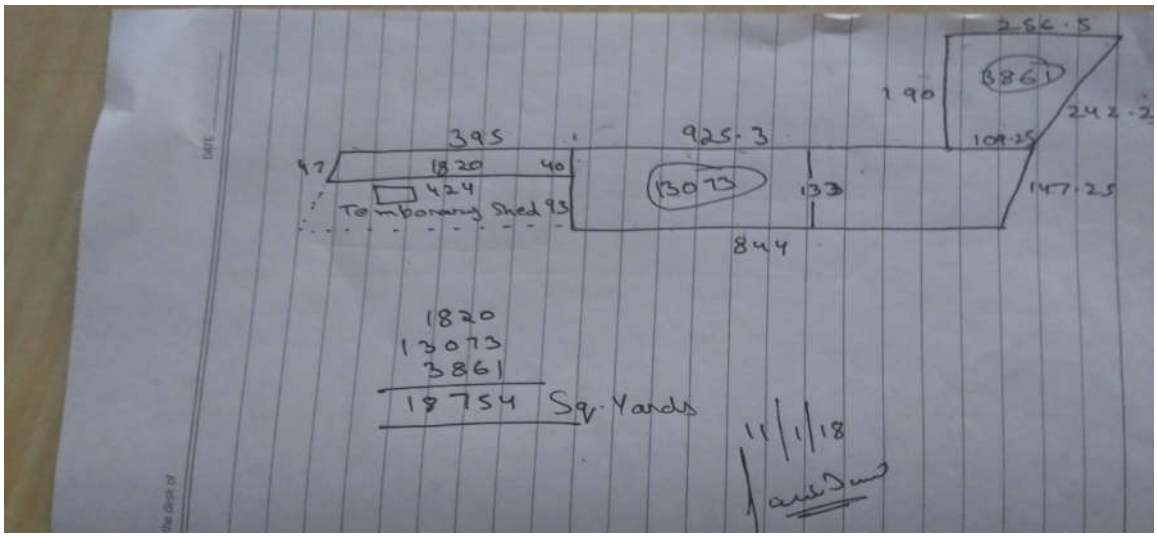
- Site plan is not marked with project site area boundary, required dimensions to calculate the total area of the project site and without any authorised signature.

- Construction activity of structure is existed on the ground as reported earlier. This is located at the area marked on the Site Plan with reserved for commercial. Photos of the site taken during visit are being enclosed.
- To verify the facts as made by the applicant, physical measurement of the remaining land of the Site Plan was undertaken. It was found that total area measured is approximately equal to total project site area of 15583 sq.mt/ 18637 sq. yards. This area is without any structure. Construction of boundary wall is under progress. Rough map marked with dimensions & calculation of proposed project area drawn by applicant is being enclosed for perusal please.

On the basis of above details, it is suggested that applicant may be directed to add the following details on the existing site plan:

1. Clearly marking of proposed project site area with distinct colour.
2. Marking of all the required dimensions that the total project area can be calculated from site plan.
3. Marking of all existing structures.
4. Site plan may be duly signed by the Authorized person. "

The Rough map marked with dimensions & calculation of proposed project area drawn by applicant is shown below:-



The photographs taken during visit to the project site by the said SEAC Members are shown below:-

The case is placed before the SEAC for consideration.

Item No.161.17: Application for issuance of TOR under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacing existing induction furnace in Village- Alour, Bhadla Road, Khanna, Ludhiana, Punjab by M/S Nidhi Steel Industries (Proposal no SIA/PB/IND2/21245/ 2017)

The facts of the case are as under: -

The project proponent has filed application for issuance of TOR under EIA notification, 2006 for expansion of steel manufacturing unit by replacing existing induction furnace in Village- Alour, Bhadla Road, Khanna, Ludhiana, Punjab**.** The project is covered under category 3(a)- Secondary Metallurgical Industries (ferrous & non ferrous) of the Schedule appended to the said notification. The details of the project as given in Form 1 and 1A and other documents are as under:

- The existing capital cost of the industry is Rs 351.92 lacs & the cost for the proposed expansion has been estimated as Rs. 175.0 lacs. The total cost of project has been estimated as Rs. 526.92 lacs after the proposed expansion.
- The total Area of the project site is – 2 acres or 8500 $m^{2.}$ No additional land is required for expansion.
- At present, the unit is engaged in the business of manufacturing steel ingots@78 TPD with existing furnace of capacity@6 TPH. Now, the proposal is to enhance the capacity of the unit by replacing the existing furnace with one no of Induction furnace of 10 TPH capacity. The capacity of the unit after the proposed expansion will be 140TPD (50,400 TPA) of Steel Ingots. The details of product quantity and source of raw material required are given below:-

	PRODUCTS	**EXISTING**	**PROPOSED**	**TOTAL**
	Steel Ingot (TPA)	(-)78TPD	(+)140TPD (50,400TPA)	50,400 TPA
RAW MATERIAL				
	MS Scrap, Ferro Alloys, Sponge iron etc (TPA)	(-)81TPD	(+)56,308	56,308

- The Partners of the company are as under:

  Sh. Rajinder Kumar Singhi

Sh. Ramesh Kumar Singhi

- No Wildlife Sanctuary & no area of Reserved Forests falls within 10 km radius of the project.
- For expansion, additional 15 Persons will be required. Total Number of manpower after expansion will be 55 No's.
- For expansion, additional 1750 KW of load will be required. Total power load after expansion will be 4000 KW (existing-2250 KW + 1750 KW).
- The working days in a year will be 24 hrs x 360 days.
- Water requirement will be met through existing tube well. The detail of water requirement at present & after expansion is given below:-

DESCRIPTION	EXISTING	PROPOSED	TOTAL
Domestic	2 KLD	1.0KLD	3.0KLD
Cooling (makeup water)	6 KLD	10.0 KLD	16.0 KLD
Total	8 KLD	11.0 KLD	19.0 KLD

- The manufacturing process of making steel ingots is as under:-

  MS Scrap is put into the induction furnace pot through magnetic conveying system, where it is heated to 1800 ^{0}C. Scrap is melted and heated for about 100 minutes. In the molten steel, some ferro alloys are added according to the carbon contents in the scrap. The molten steel is then put into the moulds with the help of hydraulic system where, after cooling, the product is taken out from the moulds and the same is ready for further use.
- The existing quantity of slag generated is 3.4 TPD and is being used for filling of low lying area. Total quantity of slag after expansion will be 6.95 TPD and will be used in filling of Low lying area and in Road Making.
- Hazardous waste @ 0.010 kl/annum is generated from DG sets in the form of used oil which is being re-used as lubricants within the industry and flue gas cleaning residue@ 20kgs/day is recovered from cyclones followed by wet scrubbers which is then sent to TSDF site for final disposal.

The details of the documents submitted with the application are as under:

1.	Properly filled Form 1 & pre-feasibility report	Yes
2.	Proof of ownership of land	submitted
3.	Layout Plan	submitted
4.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

On scrutinizing the application, following Essential details were sought online to which the project proponent has replied as under:-

<table>
<tr><th>Sr. NO.</th><th>EDS raised online</th><th>Reply submitted by Project Proponent</th></tr>
<tr><td>1.</td><td>The industry has mentioned that they have got the consent to operate in 2009 from Board for manufacturing of steel ingot@78 TPD. The project proponent is required to submit the details of furnace capacity & electric load available at that time with documentary evidence and justify that capacity of the furnace at that time was less than 30,000 TPA. The project proponent is required to justify that project at any stage has not violated the provisions of EIS notification, 1994, EIA notification dated 14.09.2006 and its amendments.</td><td>The project proponent has submitted as under:-
"It is inadvertently mention that the existing capacity of the unit was 29700TPA. The Industry was granted consent to establishment by Punjab Pollution Control Board, Patiala, Punjab, vide letter no. ZO/LDH-II/2008.NOC/641 dated 25-06-2008 for manufacturing of Steel Ingot @ 60TPD by installing Induction furnace of capacity 4TPH. The Industry was again granted consent to establishment (CTE) for expansion by Punjab Pollution Control Board, Patiala, Punjab in 2012 vide letter no. ZO/LDH-1/RO-2/2012-2013/NOC-114 dated 18/07/2012 for manufacturing of Steel Ingot installed capacity @ 78TPD by installing Induction furnace of capacity 6TPH.
<table>
<tr><th>Year of Estd.</th><th>Cap. of furnace</th><th>Power load</th><th>Total Prod.</th><th>whether covered under EIA notification or not?</th></tr>
<tr><td>25-06-2008</td><td>4TPH</td><td>2250 KW</td><td>60 TPD</td><td>The industry does not cover under EIA notification S.O. 1533(E) dated</td></tr>
</table></td></tr>
</table>

					14.09.2006 because the capacity of Induction Furnace is less than 5TPH.
		20-07-2012	6TPH	2250 KW	78TPD	The industry does not cover under EIA notification S.O. 3067(E) dated 01.12.2009 because the production capacity of the Industry was< 30,000 TPA
		The actual production for financial year 2016-17 was 20059.94 MT.				

The case is placed before the SEAC for consideration.

Any other item with the approval of the Chair

******