

No.1/ PPCC/MEET/EE/2016/  
GOVERNMENT OF PUDUCHERRY  
DEPARTMENT OF SCIENCE, TECHNOLOGY & ENVIRONMENT  
PUDUCHERRY POLLUTION CONTROL COMMITTEE


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Puducherry, the

Sub: PPCC – 150<sup>th</sup> Meeting of the Puducherry Pollution Control  
Committee held on 05.02.2016–Minutes – Communicated.

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The minutes of the 150<sup>th</sup> Meeting of the Puducherry Pollution Control Committee held on  
05.02.2016 in the Conference Hall, Puducherry Pollution Control Committee, Anna Nagar,  
Puducherry is enclosed for information.

  
(M. DWARAKANATH)  
MEMBER SECRETARY  
PPCC

Encl.: As above

To:  
All Members

**Annexure**

**MEMBERS OF THE COMMITTEE**

1.	Secretary to Government (Science, Technology & Environment) U.T. of Puducherry	--	Chairman
2.	Director of Industries U.T. of Puducherry	--	Member
3.	Director of Agriculture U.T. of Puducherry	--	Member
4.	Director of Health & Family Welfare Services U.T. of Puducherry	--	Member
5.	Commissioner, Puducherry Municipality	--	Member
6.	Senior Town Planner Town & Country Planning Department U.T. of Puducherry	--	Member
7.	Commissioner, Karaikal Municipality	--	Member
8.	Principal, Puducherry Engineering College	--	Member
9.	Director (Science, Technology & Environment) U.T. of Puducherry	--	Member Secretary

**SPECIAL INVITEES**

- 1) Prof. M.A. Sivasankaran, Professor, Dept. of Civil Engineering  
Pondicherry Engineering College, Puducherry
- 2) The Superintending Engineer-I, Electricity Department, Puducherry
- 3) Prof. G. Chandrasekhar, HOD,  
Dept. of Chemical Engineering, Pondicherry Engineering College, Puducherry



**MINUTES FOR THE 150<sup>th</sup> MEETING OF PUDUCHERRY POLLUTION CONTROL COMMITTEE TO BE HELD ON 05.02.2016 AT 3.30 P.M. IN THE CONFERENCE HALL OF PUDUCHERRY POLLUTION CONTROL COMMITTEE, ANNA NAGAR, PUDUCHERRY**

- Agenda Item No. I                    -        Confirmation of Minutes of 149<sup>th</sup> PPCC meeting  
Agenda Item No. II                -        Cases for Issue of NOC/Consent

**Agenda Item No.II – Cases for Issue of NOC/Consent to Establish**

**Agenda Item No.:1: Proposal of M/s. D.G.K. Industries, located at R. S. No. 17/28, Ambagarathur Main Road, Sellur, Thirunallar Commune, Karaikal, for carrying out Extraction of Oil from Cashew Nut Shell – 3800 LPD and Charcoal – 5 TPD, as By-product, as an additional activity, without any additional requirement of Power and Water.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal, subject to the following conditions:

- i) There shall be no additional requirement of Power or Water for the proposal.
- ii) No other fuel, than Diesel shall be used for initial firing, in the furnace. The Oil extracted, strictly, shall not be used for the same, without prior approval of this Committee.
- iii) The unit shall submit the design of the equipment / machinery and the related technical details to this Committee and to the Professor and Head, Department of Chemical Engineering, Pondicherry Engineering College, Pillaichavady, Puducherry.
- iv) The unit shall provide suitable odour control mechanism, for mitigation of odour generated, if any, from the process.
- v) The unit shall provide separate Gas Scrubber and / or Bag Filter, with pulse-jet arrangement, for collecting any particulate matter, being carried out with the gas, out of the Pyrolysis Chamber, to the Condenser.
- vi) The uncondensed gases shall be used as fuel in the furnace, instead of diesel, once the same is generated.
- vii) The unit shall ensure complete combustion of the uncondensed gases, in the furnace, by providing feedback system and / or multi - pass system for the Gases, in the fuel feed system, of the furnace.
- viii) The unit shall provide an Emergency Flare for the disposal of uncondensed gases, at times of any emergency, if occurs.
- ix) The unit shall analyse the composition of the uncondensed gases and the exhaust gas from the furnace and submit a copy of the same to this Committee and to the Professor and Head, Department of Chemical Engineering, Pondicherry Engineering College, Pillaichavady, Puducherry.
- x) The unit shall provide a Wet Scrubber and a Caustic Scrubber, with water and Caustic Solution, as scrubbing medium, respectively, attached to a suction blower and Stack of 30 m height, for disposal of the Flue gas from the furnace.
- xi) The Charcoal, generated, shall be collected and transported properly, without any spillage in and around the unit and during transportation of the same, to the buyers, with appropriate control measures.
- xii) The Oil collection and Storage Tanks shall be constructed, at an elevated level, for ensuring leakages of oil, if any occurs.
- xiii) The unit shall provide dyke walls around the Oil Collection and Storage Tanks, provided with impervious tiled flooring, with provision for collection system of spilled oil and an equivalent stand by Storage Tank, at times of breakdown for emergency evacuation of oil.
- xiv) There shall be, strictly, no spillage of Oil, in and around the premises of the unit.
- xv) A buffer zone, with Tall trees on all the sides of the unit shall be provided and maintained.
- xvi) The Hammer Mill for the pulverization of the Charcoal shall be provided with inbuilt Bag Filter / Cyclone Separator, for control of the dust emission, if any.





**MINUTES FOR THE 150<sup>th</sup> MEETING OF PUDUCHERRY POLLUTION CONTROL**  
**COMMITTEE TO BE HELD ON 05.02.2016 AT 3.30 P.M. IN THE CONFERENCE**  
**HALL OF PUDUCHERRY POLLUTION CONTROL COMMITTEE, ANNA NAGAR,**  
**PUDUCHERRY**

**Agenda Item No.:2: Issue of Consent to Establish / No-Objection Certificate from Pollution Angle, to M/s. Ratnaa Energy Tech, proposed at, R.S. No. 199/7 & 199/9, Agalangannu Village, Karaikal, for carrying out Extraction of Oil from Cashew Nut Shell – 8000 LPD and Charcoal – 6 TPD, as By-product.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal, subject to the following conditions:

- i) No other fuel, other than Diesel shall be used for initial firing, in the furnace. The Oil extracted, strictly, shall not be used for the same, without prior approval of this Committee.
- ii) The unit shall submit the design of the equipment / machinery and the related technical details to this Committee and to the Professor and Head, Department of Chemical Engineering, Pondicherry Engineering College, Pillaichavady, Puducherry.
- iii) The unit shall provide suitable odour control mechanism, for mitigation of odour generated, if any, from the process.
- iv) The unit shall provide separate Gas Scrubber and / or Bag Filter, with pulse-jet arrangement, for collecting any particulate matter, being carried out with the gas, out of the Pyrolysis Chamber, to the Condenser.
- v) The uncondensed gases shall be used as fuel in the furnace, instead of diesel, once the same is generated.
- vi) The unit shall ensure complete combustion of the uncondensed gases, in the furnace, by providing feedback system and / or multi - pass system for the Gases, in the fuel feed system, of the furnace.
- vii) The unit shall provide an Emergency Flare for the disposal of uncondensed gases, at times of any emergency, if occurs.
- viii) The unit shall analyse the composition of the uncondensed gases and the exhaust gas from the furnace and submit a copy of the same to this Committee and to the Professor and Head, Department of Chemical Engineering, Pondicherry Engineering College, Pillaichavady, Puducherry.
- ix) The unit shall provide a Wet Scrubber and a Caustic Scrubber, with water and Caustic Solution, as scrubbing medium, respectively, attached to a suction blower and Stack of 30 m height, for disposal of the Flue gas from the furnace.
- x) The Charcoal, generated, shall be collected and transported properly, without any spillage in and around the unit and during transportation of the same, to the buyers, with appropriate control measures.
- xi) The Oil collection and Storage Tanks shall be constructed, at an elevated level, for ensuring leakages of oil, if any occurs.
- xii) The unit shall provide dyke walls around the Oil Collection and Storage Tanks, provided with impervious tiled flooring, with provision for collection system of spilled oil and an equivalent stand by Storage Tank, at times of breakdown for emergency evacuation of oil.
- xiii) There shall be, strictly, no spillage of Oil, in and around the premises of the unit.
- xiv) A buffer zone, with Tall trees on all the sides of the unit shall be provided and maintained.
- xv) The Hammer Mill for the pulverization of the Charcoal shall be provided with inbuilt Bag Filter / Cyclone Separator, for control of the dust emission, if any.





**MINUTES FOR THE 150<sup>th</sup> MEETING OF PUDUCHERRY POLLUTION CONTROL COMMITTEE TO BE HELD ON 05.02.2016 AT 3.30 P.M. IN THE CONFERENCE HALL OF PUDUCHERRY POLLUTION CONTROL COMMITTEE, ANNA NAGAR, PUDUCHERRY**

**Agenda Item No. 3: Issue of NOC to M/s. Shri Sathya Sai Lubricants for transport of Usedoil from Puducherry to Coimbatore for re-processing under HWM Rules.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal with the following conditions:

- i. For every transport & disposal of the oily sludge, manifest in Form 13 shall be submitted to this Authority.
- ii. During transportation, the provisions of Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008 and relevant guidelines of Central Pollution Control Board thereon shall be followed.

The unit shall transport only Used oil of quantity 300 KLA from Puducherry

**Agenda Item No.4: Issue of pass book to M/s AVR Zinc Products (P) Limited. Unit-II (Registered re-processor of Zinc) Yanam.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal with the following conditions:

- i) The unit shall not exceed the permitted quantity.
- ii) Manifest in Form – 13 shall be submitted to this authority periodically.
- iii) The unit shall follow the terms and conditions of the Pass book strictly

**Agenda Item No.5: Grant of authorisation to M/s Carrier Air conditioning & Refrigeration Ltd., C/o Schenker India Pvt. Ltd., No.13, Indl. Estate, Thattanchavady, Puducherry for setting up of collection centre under E-waste (Management & Handling) Rules, 2011.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation deferred the proposal and directed to provide basic information from the Project agency and to depute a Competent/Technical official to represent in future meetings.

**Agenda Item No.6: Enhancement of Hazardous waste (Waste oil) from 20 KLA to 40 KLA of M/s MRF Limited., Eripakkam, Puducherry under Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal for enhancement of Hazardous waste quantity (waste oil) from 20 KLA to 40 KLA and the statutory clearance for captive power plant.

**Agenda Item No. 7: Issue of NOC to M/s. Indo Neuro Diagnostic Centre under Institute of Neuro Sciences, Kosapalayam, Puducherry for establishing a Health Centre under pollution angle.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation, decided to get the clarification from the project proponent and deferred the proposal

**Agenda Item No. 8: Requesting financial support from PPCC for setting up of bio-gas plant for treating food waste by Local Administration Department using NISARGUNA technology for food waste generated from the hotels.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to support the proposal in principle and advised the Local Administration Department to identify an alternate / suitable site other than CRZ area. The proposal in principle is approved by the Committee.





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**Agenda Item No. 9: Issue of NOC for shifting of Induction furnace from M/s AKS alloys (P) Ltd located at R.S No.81/1,3 to 7, Eripakkam village, Nettapakkam Commune, Puducherry to M/s Sarispat (Unit-II) located at RS No.215/4,5,6, Thirukanoor road, Kalitheerthalakuppam, Puducherry.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee noted that already pollution potential units viz. M/s. Pushpit Steels, M/s. AML Steels, M/s. Snam Alloys M/s. M.R.F are in operation in the vicinity of M/s. A.K.S Alloys. Shifting of melting furnace of M/s. A.K.S. Alloys will reduce cumulative emission load in the area. It is also brought to the notice of the Committee that habitations are presently nearer to M/s. A.K.S. Alloys at Nettapakkam. The Committee after due deliberation decided to accorded permission to shift the melting furnace of M/s. A.K.S. Alloy, Eripakkam to the premises of its sister concern M/s. Sarispat (Unit II) with following conditions:

- i) The unit shall take all possible measures to contain the fugitive emission.
- ii) The unit shall not increase the production capacity of rerolled products of 150 TPD at M/s. Sarispat Unit-II.
- iii) The unit shall provide suitable Online Continuous Emission Monitoring System to the stacks of induction furnace and the connectivity shall be made it to the PPCC server before commencement of operation of unit.
- iv) The unit shall provide a stack of min 30 mts height from the ground level for the dissemination of the gaseous emission from the furnace.
- v) The unit shall provide Air pollution Control Devices i.e. bag filter, wet scrubber for containing the gaseous emission and shall be connected to the stack.
- vi) The stack shall be designed based on the Emission Regulation Part -III of the CPCB with good platform and stair arrangement.
- vii) The production capacity of the billet manufacturing of both the unit i.e. M/s. Sarispat Unit-I (60 TPD) and M/s. Sar Ispat Unit-II (50 TPD) shall not exceed the total capacity of 110 TPD.
- viii) The unit shall increase the Green cover inside the periphery of the unit.
- ix) The unit shall cease its operation and shall be no manufacturing of Ingots at the M/s AKS alloys ltd at Nettapakkam, Puducherry.

The Committee also accorded permission to merge 2 x 4 tons capacity of furnace into 8 tons single furnace at M/s. Sarispat Unit I in order to provide additional area.

**Agenda Item No.:10: Issue of CTE/NOC to M/s. K.L. Plastic Industries, located at Shed No. B-37, PIPDIC Industrial Estate, Mettupalayam, Oulgaret, Municipality, Puducherry, change of product from Plastic Reprocessed Granules to Saw Dust Powder**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the change of product from Plastic Reprocessed Granules to Saw Dust Powder- 500 kgs/day with the following conditions:

- i) There shall be no trade effluent or hazardous waste generation from the process.
- ii) Dust emission from pulverization shall be controlled by providing inbuilt Bag filters to the machines
- iii) The unit shall provide mask and apparels to the workers who are involved in the pulverising activity.
- iv) The unit shall obtain necessary clearance from Chief Inspector of Factories & Boilers.

**Agenda Item No.:11: Issue of NOC / Consent to Establish for M/s J.J Traders, R.S.No.15/16, II cross Street, Opposite to Milk Dairy, Kurumbapet, Villianur Commune, Puducherry for manufacturing Plastic Waste Reprocessing – 20 TPA**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal, subject to the following conditions:

- i) The unit shall submit undertaking that no washing of plastic scrap shall be carried out.
- ii) There shall be no trade effluent from the process.



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- iii) The fugitive emissions arising from the plastic reprocessing shall be channelized through suction hood, ducting & ID fan arrangement, shall be treated through scrubber and let out through stack height of atleast 11 mts or higher than surrounding buildings
- iv) The unit shall not re-process domestic/market plastic scrap and shall process only industrial scrap.
- v) The emissions shall conform to the limits of particulate matter of 150 mg/Nm<sup>3</sup> and Hcl of 35 mg/Nm<sup>3</sup>.
- vi) The unit shall apply in Form II for registration under Plastic Waste (Management & Handling) Rules, 2011.
- vii) PVC wastes shall not be used as raw material
- viii) Grinding and Agglomerator machine shall be provided with dust collectors

**Agenda Item No.:12: Issue of NOC / Consent to Establish M/s. Sri Ayyappa Chemicals, R.S. No. 125/2, Bharathi Nagar, Villianur, Villianur Commune, Puducherry for manufacturing Detergent Cake & Powder – 180 TPA**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal, subject to the following conditions:

- i) Dust Emissions generated from the raw material handling area should be controlled by providing closed shed.
- ii) Acid slurry storage area flooring shall be provided with Acid proof tiles.
- iii) The unit shall obtain clearance from Pondicherry Planning Authority

**Agenda Item No.13 :Issue of NOC / CTE for expansion / manufacture of additional products to M/s. Shasun Pharmaceuticals Limited Unit II, Periyakalpet, Oulgaret Municipality, Puducherry.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The committee noted that this proposal was already approved by PPCC and the Government. Now, the unit has requested for following modifications in the conditions imposed:

- i) To permit them to dispose the industrial effluent (43 KLD) in the existing ETP and RO Plant in Unit I till the installation of proposed Multiple Effect Evaporator (MEE) at Unit I.
- ii) To dispose the chemical sludge from MEE and off specification products, Date-expired, discarded and off-specification drugs/medicines by co-processing at M/s. Ultratech Cement Industries Ltd., Ariyalur, Tamilnadu.

The industry representatives submitted that the additional products could be manufactured with the existing machineries itself and hence they are ready to commence the operation. The installation of MEE in Unit I will take 9 to 12 months time. Hence, they requested that they may be temporarily permitted to dispose the industrial effluent (43 KLD) in the existing ETP and RO Plant in Unit I, so that they can commence the operation immediately. They submitted that the existing ETP has design capacity of 240 KLD and sufficient to treat the additional waste water. They will be providing additional membranes to RO plant for enhancing the recycling capacity. The treated waste water from Unit II will be reused for Utility purpose and the RO reject (10 KLD) will be disposed to marine. The marine discharge quantity of treated effluent at Unit I at present is 35 KLD and 10 KLD of RO rejects will be added to it now. The permitted discharge quantity of 55 KLD will not be exceeded on any given day.

After due deliberation the committee decided to issue NOC/CTE with following modifications in the conditions:

- (i) The unit shall be temporarily permitted to discharge the effluent generated from the Unit II in the existing ETP of Unit I until the MEE is installed. The Multiple Effect Evaporator shall be installed within a period of 9 months. The unit shall submit a Bank Guarantee of Rs. 50 Lakhs which will be forfeited if the unit fails to establish the MEE within 9 month period.



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- (ii) The effluent discharge shall not exceed the present permitted limit of 55 KLD on any day.
- (iii) The unit shall provide continuous online monitoring system with Totalizer provision for water consumption and waste water discharge quantities within 1 month
- (iv) The chemical sludge from MEE and off specification products, Date-expired, discarded and off-specification drugs/medicines shall be disposed to the cement plant of M/s. Ultratech Cement Industry situated at Reddipalayam Cement Works, Ariyalur, Tamil Nadu for co-processing. NOC from TNPCB for trans-boundary movement of Hazardous Waste shall be obtained.
- (v) The CTO shall be issued after issue of CTE with the approval of Chairman – PPCC.

**Agenda Item No.14 : Issue of NOC to M/s Garg Steel & Alloys for change of name.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal of the unit for change of name from M/s. Garg Steel & Alloys to M/s Advait Steel Rolling Mills Pvt Ltd (UNIT-II).

**GENERAL AGENDA**

**Case No. 1: Transport allowance for subject expert for attending the PPCC meeting as Special Invitee**

The Committee after due deliberation decided to clear the proposal of granting Transport allowance to special invitee @ Rs.500 for attending the meeting.

**ADDITIONAL AGENDA**

**Additional Agenda Item No. 1: Issue of NOC/Consent to establish to M/s Hindustan Unilever Ltd, Personal product factory (Hair Shampoo unit), Vadamangalam, Villianur Commune, Puducherry for increase in shampoo production capacity from 100 TPD to 136 TPD.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The committee noted that the unit requires additional water requirement of 56 KLD for expansion, as per existing Government policy water consuming industries are not encouraged. The Committee after due deliberation decided to clear the proposal with the following conditions:

- i. No additional ground water shall be extracted.
- ii. Explore alternative source of water instead of extracting huge quantity of ground water in the present location especially from the newly installed STP at Lawspet by PWD or from M/s. Venkateswara Medical College, Ariyur for additional water requirements.
- iii. To obtain clearance from Pondicherry Ground water Authority/ Regional Committee for extraction of additional ground water in view of their policy and also the new industrial policy notified.
- iv. Carry out Rain water harvesting within premises and water shed management in surrounding area
- v. Connect Flow Meter readings on-line for water consumption from all borewells and also for waste water discharge from all the ETP outlets including Totalizer provision, to PPCC server within one month.

**Additional Agenda Item No. 2: Request of M/s. Karaikal Port Pvt. Ltd., for consideration of the conduct of the Public Hearing, for the Development of Bulk Liquid Berth for Handling LNG – 5 MMTA – Submission of Outcome of the Order received from the Hon'ble High Court, Chennai, before the Committee.**

The Committee noted the written submissions dated 5.02.2016 of the project agency and discussed the subject in detail and decided to defer the proposal.





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**Additional Agenda Item No. 3: Proposal of Setting up of an Amusement Park, at R.S.No.56, T.S.No.2, Ward M, Block 10, Karukalacherry, Akkaraivattam Revenue Village, Karaikal Municipality, Karaikal.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal, subject to the following conditions:

- i. The project proponent shall obtain clearance from the PCZMA, Puducherry, under the provisions of the Coastal Regulation Zone Notification, 1991, amended till date, since the site is located under CRZ –III
- ii. The project proponent shall obtain necessary clearance from the SEIAA, Puducherry, under the provisions of the EIA Notification, 2006, amended till date, since the project proposal involves excavation of earth, for construction phase.
- iii. The Project proponent shall obtain clearance from the Bio-Medical Waste angle, under the Bio-Medical Waste (Management and Handling) Rules, 1998, as amended till date, for the proposed Public Health Centre, as part of the Project.
- iv. The Post Project liability of the development, operation and maintenance of the following, viz., Sewage Treatment Plant, Solid Waste Management, Rain Water Harvesting, Green Belt and Fire Safety Measures are the sole responsibility of the promoter.
- v. The initial Water Requirement 1410 KL and thereafter 10 KLD, shall be met with the necessary approval of the Competent Authority, viz., PWD, Puducherry Ground Water Authority and State Ground Water Unit and Soil Conservation, Puducherry separately.
- vi. The project proponent shall install Sewage Treatment Plant, of capacity at least 15 KLD, with a provision of a Backup collection sump of 15 KLD capacity for collection storage of untreated sewage and shall ensure continuous operation of the same to achieve the standards prescribed by this Committee. Treated water shall be used for non-potable purpose like gardening, flushing, etc. Dual plumbing is to be provided for the building at the Planning Stage itself.
- vii. The treated water shall conform to the General Standards for discharge of Environmental pollutants, Part A: Effluents, as per Schedule VI of Rule 3A, specified in the Environment (Protection) Rules, 1986.
- viii. The Rain water harvesting structures shall be designed accordingly to fit the entire area of the project.
- ix. The Solid Waste generated shall be properly collected, segregated and composted within the premises with respect to organic/bio-degradable waste.
- x. The Sludge from the Sewage Treatment Plant shall be composted along with other Bio-degradable solid waste and shall be used as manure for the green belt development.
- xi. The Plastic Waste generated shall be segregated and shall be disposed through authorized recyclers only.
- xii. The project proponent shall ensure that, **e-Waste** generated, if any, shall be collected and segregated suitably and shall be channelized to authorized collection centres or registered dismantlers or recyclers or shall be returned back to pick up by the take back services provided by its producers, conforming to the **E-Waste (Management and Handling) Rules, 2010**.
- xiii. The project proponent shall ensure that, the used batteries, if any generated, are not disposed of in any manner, other than depositing with the dealer, manufacturer, importer, assembler, registered recycler, reconditioner or at the designated collection centres, conforming to the **Battery (Management and Handling) Rules, 2000**.
- xiv. The acoustic enclosures shall be installed at all noise generating equipments such as, DG Sets, Air Conditioning systems, etc., and the noise shall be maintained as per MoEF/CPCB/PPCC guidelines/norms, both during day and night time.
- xv. The terrace shall be coated with **thermal and water resistant proofing material to avoid seepage and internal heat transmission**.
- xvi. Solar street lighting shall be incorporated for illumination of the recreational areas, except inside buildings.
- xvii. Energy Conservation measures like installation of Energy Efficient Lighting Systems like LEDs for lighting the areas inside and outside the buildings shall be adopted. Used LEDs/CFLs/TFLs should be properly collected and disposed off / sent for recycling as



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- per the prevailing guidelines / rules of the regulatory authority to avoid toxic contamination.
- xviii. The Green Belt shall be designed and maintained to achieve attenuation factor conforming to the day and night noise standards prescribed for land use. The open spaces inside the plot shall be suitably landscaped and covered with vegetation of suitable indigenous perennial varieties with specific reference to climate and soil conditions and maintained.
- xix. The units shall develop green belt all along the periphery of the units, especially with Bheema Bamboo, which may in future course, help in taking carbon credit by the units.
- xx. Traffic congestion at the entry and exit points from the roads adjoining the proposed site shall be avoided. The parking shall be fully internalized and no public space shall be utilized for the same.
- xxi. The project proponent shall make separate allocation of funds for the installation and maintenance of proper pollution and environmental measures and earmark separate staff for operation and maintenance of the control system.
- xxii. Lighting power shall be reduced through imposing maximum allowable lighting power density in space and through proper lighting control.
- xxiii. 5% of power requirement of the unit shall be met out from renewable energy sources within period of three years as per PPA Building Bye-Laws vide G.O.Ms.No.5/2012 dated 05.03.2012.
- xxiv. The building shall comply with requirements of the Energy Conservation Building Code of India (ECBC).

**Additional General Agenda Item No.1: Appointment of Board Analysts under Sub Section 2 of the Section 29 of Air (Prevention and Control of Pollution) Act, 1981 (Act No.47 of 1987) & under Sub Section 3 of Section 53 of Water (Prevention and Control of Pollution) Act, 1974 (Act No.53 of 1988).**

The Committee after due deliberation decided to notify DSTE and PPCC Laboratory as Water Laboratory and Air Laboratory under the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 and also to approve the Scientist of Department of Science, Technology & Environment Dr.V.R.Sumathi and Tmt. G. Rukmani as Government Analysts and Thiru P.VipinBabu, Scientist of Puducherry Pollution Control Committee as Board Analysts under Sub Section 2 of the Section 29 of Air (Prevention and Control of Pollution) Act, 1981 (Act No.47 of 1987) & under Sub Section 3 of Section 53 of Water (Prevention and Control of Pollution) Act, 1974 (Act No.53 of 1988) for notification in the official gazette.





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**ANNEXURE**

Sl. No	Name & Designation of member		
	<u>Tvl.</u>		
1.	Dr. V. Candavelou, I.A.S., Commissioner –cum-Secretary to Government Science, Technology & Environment	--	Chairman
2.	Dinakaran Deputy Director Industries Department (Representing Director)	--	Member
3.	V. Radhakrishnan Hydrogeologist Department of Agriculture (Representing Director)	--	Member
4.	Dr.T. Kumaravel Deputy Director PH Directorate of Health and Welfare Services (Representing Director)	--	Member
5.	Dr. K. Coumarane V.M.O. Puducherry Municipality (Representing Commissioner)	--	Member
6.	Ragunathan Chief Town Planner Town & Country Planning Department	--	Member
7.	Prof. M. A. Sivasankaran, Dept. of Civil Engineering Puducherry Engineering College (Representing Principal)	--	Member & Special Invitee
8.	Prof. G. Chandrasekar Dept of Chemical Engineering Puducherry Engineering College	--	Special Invitee
9.	G. Ramasubu Executive Engineer Electricity Department	--	Special Invitee
10.	M. Dwarakanath Director Science, Technology & Environment	--	Member Secretary

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