

Department of Environment  
Government of West Bengal  
Block G, 2<sup>nd</sup> Floor, Writers Building  
Kolkata - 700001

No. EN/2635/T-II-1/077/2007

Date : 05 / 12 / 2008

To  
M/s. Unitech Hi-Tech Structures Ltd.  
22, Camac Street, Block - C  
4<sup>th</sup> Floor  
Kolkata - 700 016.

Subject : *Environmental Clearance for the proposed IT SEZ by M/s. Unitech Hi-Tech Structures Limited at Plot No. DH, Action Area ID, New Town, Rajarhat, Kolkata, West Bengal.*

Sir,

This has a reference to your application no. ENV/UL/MoEF/UHTSL/IT-SEZ, Rajarhat/Kol/EIA/290307 dt. 29<sup>th</sup> March, 2007 and subsequent communications for Environmental Clearance for the proposed IT SEZ by M/s. Unitech Hi-Tech Structures Limited at Plot No. DH, Action Area ID, New Town, Rajarhat, Kolkata, West Bengal.

The proposal has been examined and processed in accordance with EIA Notification, of 2006. The proposed PHASE I comprises of Block A (B+G+9) and Block B (B+G+7). This clearance is applicable for Block A (B+G+9) only of the proposed PHASE I. However, future expansion proposal should abide by the minimum green area, maximum paved area, permissible ground coverage and other necessary stipulations of the Provisional Environmental Clearance for the entire project.

It is noted that the salient features of Block A (B+G+9) of the proposed PHASE I of the project, for which Environmental clearance has been considered are as follows :

• Land Area	: 9.472 acres / 3.833 ha (38333.10 sqm.)
• Expected Population	: 8270 persons
• Total Water requirement	: 1032 KLD (Operation stage)
• Fresh Water requirement	: 764 KLD (Operation stage, WBHIDCO supply)
• Wastewater generated	: 298 KLD (to be treated in STP, partly reused and partly discharged to WBHIDCO sewer line)
• Wastewater recycled	: 268 KLD (to be reused after treatment in STP)
• Solid waste disposal	: 1.654 tonne per day (to be disposed off through WBHIDCO)
• Total Built-up Area	: 82683.25 sqm.
• Ground Coverage	: 23.70% of land area of Block A
• Landscaped Green Area	: 51.30% of land area of Block A
• Paved Area	: 25% of land area of Block A
• No. of Car Parking Spaces proposed	: 1090
• Total Power requirement	: 7.5 MVA, NTESC
• Backup Power	: 6 nos. DG Sets each 1250 KVA
• Construction started	: Yes

- xiv. Adequate mitigative measures should be adopted to control dust emissions, noise and vibrations from construction activities. Vehicles and construction machineries should be properly maintained. Vehicles should conform to Pollution under control (PUC) norms.
- xv. Locally available materials with less transportation cost should be used preferably.
- xvi. Promotion of use of cleaner fuel and fuel quality improvement should be done. Excessive energy consumption and fuel usage should be avoided.
- xvii. Accumulation / stagnation of water should be avoided to ensure vector control.

**Selection of materials for better energy efficiency:-**

- i. Use of energy efficient construction materials should be ensured to achieve the desired thermal comfort.
- ii. Design layout should ensure adequate solar access and ventilation. Proper planning and window design for daylight integration should be considered.
- iii. Use of ash based bricks should be explored to the maximum extent possible. Blended cement with fly ash will be used. The provisions of MoEF Notifications on "Fly Ash Utilization" must be complied with.
- iv. Construction should conform to the requirements of local seismic regulations. The project proponent should obtain permission for the plans and designs including structural design, standard and specifications from concerned authority.
- v. Construction technologies that require less material and possess high strength should be adopted. Materials with low embodied energy and high strength should be used preferably.
- vi. Use of alternate building materials and alternate construction techniques should be considered apart from the conventional materials and methods. Use of hollow unit masonry should be considered.
- vii. Use of energy efficient lighting systems e.g. High Pressure Sodium Vapour (HPSV) Lamps, LED etc. should be promoted. Solar energy should be used for outdoor lighting as far as practicable.
- viii. Passive solar cooling to be incorporated in building design. Buildings should be oriented for ensuring natural ventilation and daylighting.
- ix. Proper insulation of roof should be provided to achieve desired thermal comfort. Use of light coloured, reflective roofs having an SRI (solar reflectance index) of 50% or more should be incorporated.
- x. Use of high albedo or reflective pavements to keep parking lots, pavements and inside roads cool should be incorporated.
- xi. Guidelines to the occupants should include usage efficiency measures such as energy efficient lighting and water efficient system.
- xii. Reduce hard paving-onsite (open area surrounding building premises) and/or provide shade on hard paved surfaces to minimize heat island effect and imperviousness of the site.
- xiii. Adequate open space, greenery and water bodies to be provided as per rules.
- xiv. Any proposed building with air-conditioning facility should follow the norms proposed in the ECBC regulations framed by the Bureau of Energy Efficiency. Use of chillers will be CFC & HCFC free.
- xv. Restrict the use of glazed surface as per National Building Code 2005.

**Water Body Conservation:-**

- i. Water body, if any, should not be lined and their embankments should not be cemented. The water bodies are to be kept in natural conditions without disturbing the ecological habitat. The water bodies within the project area shall be maintained in conformity with the conditions stipulated in the Environmental Clearance and the NOC accorded to the Department of Housing, Government of West Bengal for the proposed New Town Project at Rajarhat.

**Plantation Proposal:-**

- i. The unit should strictly abide by the West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007. The proponent should undertake plantation of trees over atleast 20% of the total area.



- ii. Provision of Effective Controls and Building Management Systems such as Automatic Fire Alarm and Fire Detection and Suppression System, Building Automation System for Energy Conservation, Management Information Systems etc. must be ensured.
- iii. Automatic lighting control, occupancy sensors, heat exchanger, high efficiency chillers etc. should be provided for energy conservation.
- iv. Efficient management of indoor air quality must be ensured for health and safety of the users.
- v. Adequate measures to be adopted for water conservation during construction and operation stage. Use of efficient irrigation equipment, evaporative cooling unit in air-conditioning system etc should be considered.
- vi. Rest room facilities should be provided for service population.
- vii. Provisions should be kept for the integration of solar water heating system.
- viii. Adequate access to fire tenders should be provided.
- ix. CO monitoring facility with automatic alarm should be provided at basement car parking.

## **II. Operation Phase**

### **Water supply :-**

- i. Water requirement during operation phase shall be met from WBHIDCO supply. Ground water should not be abstracted without prior permission of the competent authority as per the West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005.
- ii. Use of water meter conforming to ISO standards should be installed at the inlet point of water uptake to monitor the daily water consumption. Use of water efficient devices / fixtures and appliances should be promoted. Installation of dual flushing system should be considered to conserve water.
- iii. The proponent must practice rainwater harvesting on regular basis.

### **Sewage Treatment Plant:-**

- i. As per the proposal submitted by the proponent wastewater shall be initially treated in STP. Treated wastewater shall be reused for landscaping, HVAC etc. and partly discharged to WBHIDCO sewer line. Discharge of treated sewage shall conform to E(P) Rules. Sewage Treatment Plants should be monitored on a regular basis.
- ii. Reuse of treated wastewater should be carried out, as proposed.

### **Emission from Diesel Generator Set: -**

- i. Noise barriers will be provided at appropriate locations so as to ensure that the noise levels do not exceed the prescribed standards. Diesel generator sets should be provided with integral acoustic enclosure at the manufacturing stage itself as per CPCB norms.
- ii. The stack height and emissions from DG sets should conform to the norms of Central Pollution Control Board. The certification of space design for DG sets should be done by competent authority.

### **Ensure Energy Efficiency:-**

- i. Use of energy efficient construction materials to achieve the desired thermal comfort should be incorporated. The desired level of R and U factors must be achieved. U factor for the top roof should not exceed 0.4 Watt/sq.m/degree centigrade with appropriate modifications of specifications and building technologies. The provisions of National Building Code 2005 should be strictly followed.
- ii. The lighting design and the heating, ventilation and air conditioning systems should conform to the recommendations of the Energy Conservation Building Code 2007 of the Bureau of Energy Efficiency, GoI.
- iii. Use of energy efficient electrical systems should be promoted. High efficiency lamps with electronic ballasts should be used.
- iv. Energy efficient Motors and properly rated Transformers should be installed. Manufacturer's certificate to this effect shall be obtained and kept on record. Back up power supply should be based on cleaner fuel.



**Part-B GENERAL CONDITIONS**

- i. The environmental safeguards contained in the EMP should be implemented in letter and spirit.
- ii. All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.
- iii. Provision should be made for the supply of kerosene or cooking gas to the labourers during construction phase.
- iv. All the labourers to be engaged for construction works should be screened for health and adequately treated before issue of work permits.
- v. The project proponent should make financial provision in the total budget of the project for implementation of the suggested safeguard measures.
- vi. Six monthly monitoring reports should be submitted to the West Bengal Pollution Control Board, who would be monitoring the implementation of environmental safeguards and should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents should also be forwarded to the State Level Environment Impact Assessment Authority.
- vii. In case of any violation of the conditions laid down in this Environmental Clearance, Section 16 of The Environment (Protection) Act, 1986, will be applicable.
- viii. In case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA.
- ix. The State Level Environment Impact Assessment Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.
- x. The Project Proponent should inform the public that the proposed project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the State Pollution Control Board / Committee and may also be seen at website of the SEIAA (<http://enviswb.gov.in>). This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.
- xi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Civil Aviation Department (if required) etc. shall be obtained by project proponents from the competent authorities.
- xii. Provision for incorporation of appropriate conditions in the Sale Agreement / Deed, for ensuring sustained Operation and Maintenance (O&M) of the common facilities (STP, Rainwater harvesting system, Solid waste management system, Solar street lights etc.) even after transfer of ownership of the project, should be made in explicit and transparent manner.
- xiii. Prior Consent-to-Establish (NOC) for the proposed project must be obtained from WBPCB by the proponent. All other statutory clearances should be obtained by project proponent from the competent authorities.



( Arijit Banerjee )

Member Secretary, SEIAA &  
Chief Environment Officer

Department of Environment  
Government of West Bengal  
Block G, 2<sup>nd</sup> Floor, Writers Building  
Kolkata :700001

No. EN/1413 /T-II-1/077/2007

Date : 15 / 05 /2009

To  
M/s. Unitech Hi-Tech Structures Limited  
22, Camac Street  
4<sup>th</sup> Floor  
Kolkata – 700 016

*Subject : Environmental Clearance for the proposed IT SEZ by M/s. Unitech Hi-Tech Structures Limited at Plot No. DH, Action Area ID, New Town, Rajarhat, Kolkata, West Bengal.*

Sir,

This has a reference to your application no. UHTSL/RE-PLNG/006/07 dt. 10<sup>th</sup> December, 2008 and subsequent communications for Environmental Clearance for the proposed IT SEZ by M/s. Unitech Hi-Tech Structures Limited at Plot No. DH, Action Area ID, New Town, Rajarhat, Kolkata, West Bengal.

The proposal has been examined and processed in accordance with EIA Notification, of 2006. It is noted that the provisional environmental clearance was granted by SEAC vide memo no. 725-2N-54/2007 (E) dt. 26/03/2008 for construction of IT-SEZ having 7 blocks of G+5 to G+21 storied buildings and the environmental clearance granted by SEIAA vide no. EN/2635/T-II-1/077/2007 dt. 05/12/2008 for construction of block A of Phase-I. This clearance is applicable for the entire project except Block A.

It is noted that the salient features of the project, for which Environmental clearance has been considered are as follows :

Land Area	: 35.928 acres / 14.537 ha (145392.80 sqm.)
Expected Population	: 33760 persons
Total Water requirement	: 4215 KLD (Operation stage, WBHIDCO supply)
Wastewater generated	: 1214 KLD (to be discharged to WBHIDCO sewer line)
Solid waste disposal	: 6.746 tonne per day (to be disposed off through WBHIDCO)
Total Built-up Area	: 337653.63 sqm.
Ground Coverage	: 28.44% of land area excluding Block A
Landscaped Green Area	: 46.56% of land area excluding Block A
Paved Area	: 25% of land area excluding Block A
No. of Car Parking Spaces proposed	: 4104
Total Power requirement	: 28.5 MVA, NTESC
Backup Power	: DG Sets (10 x 1010 KVA & 24 x 1250 KVA)



- leach into the ground water. If necessary, oil trap should be installed where there is deployment of heavy machineries.
- viii. Regular supervision of the above and other measures should be in place all through the construction phase so as to avoid disturbance to the surroundings.
  - ix. The proponent must ensure that no driven piles shall be proposed for this project.
  - x. 15m-screen and adequate sprinkler arrangement shall be provided. Care should be taken to keep all material storages adequately covered and contained so that they are not exposed to winds.
  - xi. Loading and unloading operations should not be carried out in open areas.
  - xii. Use of Ready-Mix concrete is recommended for this project.
  - xiii. Adequate measures to be adopted to avoid wastage of water for curing of concrete structures.
  - xiv. Adequate mitigative measures should be adopted to control dust emissions, noise and vibrations from construction activities. Vehicles and construction machineries should be properly maintained. Vehicles should conform to Pollution under control (PUC) norms.
  - xv. Locally available materials with less transportation cost should be used preferably.
  - xvi. Promotion of use of cleaner fuel and fuel quality improvement should be done. Excessive energy consumption and fuel usage should be avoided.
  - xvii. Accumulation / stagnation of water should be avoided to ensure vector control.

**Selection of materials for better energy efficiency:-**

- i. Use of energy efficient construction materials should be ensured to achieve the desired thermal comfort.
- ii. Design layout should ensure adequate solar access and ventilation. Proper planning and window design for daylight integration should be considered.
- iii. Use of ash based bricks should be explored to the maximum extent possible. Blended cement with fly ash will be used. The provisions of MoEF Notifications on "Fly Ash Utilization" must be complied with.
- iv. Construction should conform to the requirements of local seismic regulations. The project proponent should obtain permission for the plans and designs including structural design, standard and specifications from concerned authority.
- v. Construction technologies that require less material and possess high strength should be adopted. Materials with low embodied energy and high strength should be used preferably.
- vi. Use of alternate building materials and alternate construction techniques should be considered apart from the conventional materials and methods. Use of hollow unit masonry should be considered.
- vii. Use of energy efficient lighting systems e.g. High Pressure Sodium Vapour (HPSV) Lamps, LED etc. should be promoted. Solar energy should be used for outdoor lighting as far as practicable.
- viii. Passive solar cooling to be incorporated in building design. Buildings should be oriented for ensuring natural ventilation and daylighting.



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- iii. Minimum 50% of paved area on site should have pervious paving or shaded under vegetation or topped with finish having solar reflectance of 0.5 or higher.
- iv. Adequate stormwater drainage network to be designed for the project without disturbing the surrounding settlements. Storm water management plan should be implemented so as to prevent sudden discharge of excessive volumes of storm water to the receiving waters thus reducing the shock load on the drainage system and impact on receiving water body.
- v. Disruption to the natural hydrology of the site should be minimised by reducing impervious cover, increasing on site infiltration and managing storm water run off.
- vi. Heat island effect should be minimized by use of shading or reflective surfaces, mainly the surfaces that contribute to the heat island effect i.e. streets, sidewalks, parking lots and buildings.

**Rain Water Harvesting Scheme:-**

- i. The proponent must follow the Rainwater Harvesting Guidelines of the State Level Expert Appraisal Committee (SEAC) available in the website (<http://www.wbpcb.gov.in>).
- ii. The proponent must collect rainwater from roof-top catchments and reuse for various purposes after necessary cleaning. Water bodies may be created and used for storing rain water. Adequate retention time and storage provisions should be provided for harvesting rainwater.
- iii. The sub-surface recharge proposal including the design of recharge structure and location of recharge structure should be approved by competent authority as per West Bengal Ground Water Resources (Management, control and Regulation) Act, 2005. The total quantity of the rainwater which would be harvested, including surface storage and sub-surface recharge, should also be mentioned in the proposal.
- iv. Adequate water storage for firefighting should be provided as per norms.

**Municipal Solid Waste Management :-**

- i. Adequate provision shall be made for storage of solid waste and adequate means of access shall be provided. Space should be kept reserved for waste storage, collection etc. in site planning and architectural designs.

**Transport Management: -**

- i. Both internal and external traffic planning and management should be adequate to ensure uninterrupted traffic movement in the area during construction as well as operation phase.
- ii. The design of service road and the entry and exit from the project area should conform to the norms & standards of competent authority for traffic management. Bell mouth type arrangement should be made at the entry & exit. Proper traffic management plan should be adopted in consultation with Traffic authorities.

**Others:-**

- i. All mandatory approvals and permission as required from Director of Explosives, Fire Department etc. should be obtained.



modifications of specifications and building technologies. The provisions of National Building Code 2005 should be strictly followed.

- ii. The lighting design and the heating, ventilation and air conditioning systems should conform to the recommendations of the Energy Conservation Building Code 2007 of the Bureau of Energy Efficiency, GoI.
- iii. Use of energy efficient electrical systems should be promoted. High efficiency lamps with electronic ballasts should be used.
- iv. Energy efficient Motors and properly rated Transformers should be installed. Manufacturer's certificate to this effect shall be obtained and kept on record. Back up power supply should be based on cleaner fuel.
- v. The power cabling shall be adequately sized as to maintain the distribution losses not to exceed 1% of the total power usage. Record of transmission losses shall be maintained. The proponent shall install permanent electrical metering to record demand (kVA), energy (kWh) and total power factor.
- vi. The project proponent should resort to solar energy at least for street lighting and water heating.
- vii. Energy Audits should be conducted on a regular basis.

**Transport Management: -**

- i. Use of public mode of transportation should be promoted. Use of the least polluting type of transportation should be promoted. Adequate parking space should be provided as per norms.
- ii. Pathways should be covered or shadowed by tree canopy. Transport system should be such that traffic will be calm in neighbourhoods. Traffic within the project site should be restricted by regulation. Adequate vertical and horizontal clearances of overhead electric power and telecommunication lines should be provided.

**Solid Waste Management:-**

- i. The proponent should abide by the Municipal Solid Wastes (Management and Handling) Rules, 2000. The proponent must develop the Solid Waste Management and Disposal Scheme ensuring storage and segregation of biodegradable and non-biodegradable wastes. The solid waste is to be disposed off in consultation with WBHIDCO / Notified Township Authority.
- ii. The proponent should provide different coloured bins for different categories of waste and ensure complete segregation of biodegradable and non-biodegradable wastes. The solid waste from different collection and storage bins should be finally collected at transfer stations. Further segregation will be done at transfer stations to collect recyclables such as plastic, polythene, glass, metals, textiles, rubbers, leathers, paper etc. Separate compartments shall be provided for each type of recyclables.
- iii. The proponent should abide by the Hazardous Wastes (Management and Handling) Rules, 2003. Collection and storage of hazardous wastes during Pre-construction and Post-construction activity should be planned properly. The expected hazardous wastes should be disposed off separately as per the Hazardous Wastes (Management and Handling) Rules, 2003.



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- ix. The State Level Environment Impact Assessment Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.
- x. The Project Proponent should inform the public that the proposed project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the State Pollution Control Board / Committee and may also be seen at website of the SEIAA (<http://enviswb.gov.in>). This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.
- xi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Civil Aviation Department (if required) etc. shall be obtained by project proponents from the competent authorities.
- xii. Provision for incorporation of appropriate conditions in the Sale Agreement / Deed, for ensuring sustained Operation and Maintenance (O&M) of the common facilities (Rainwater harvesting system, Solid waste management system, Solar street lights etc.) even after transfer of ownership of the project, should be made in explicit and transparent manner.
- xiii. Prior Consent-to-Establish (NOC) for the proposed project must be obtained from WBPCB by the proponent. All other statutory clearances should be obtained by project proponent from the competent authorities.
- xiv. The project proponent should strictly abide by the conditions laid down in the Environmental Clearance for the proposed New Town Project at Rajarhat, Kolkata, accorded by the Department of Environment, Government of West Bengal to the Department of Housing, Government of West Bengal vide Memo No. EN/1998/4W-8/99 dated 10<sup>th</sup> November, 1999 and Memo No. EN/P/90/4W-8/99(Pt.II) dated 30<sup>th</sup> January, 2003.
- xv. The project proponent should also abide by the NOC conditions accorded by the West Bengal Pollution Control Board to the Department of Housing, Government of West Bengal for the proposed New Town Project at Rajarhat, Kolkata, vide Sl. No. 04462 Memo No. 1295-175/WPB-NOC/99-2000 dated 31<sup>st</sup> August, 1999 and Sl. No. NO10868 Memo No. 7041-175/wpb/NOC/99-2000 dated 9<sup>th</sup> June, 2004.
- xvi. The above stipulations would be enforced along with those under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991, the Environment Impact Assessment Notification 2006 and their amendments.



( Debal Ray )

Member Secretary, SEIAA &  
Chief Environment Officer

# PUBLIC NOTIFICATIONS

## ANNOUNCEMENT

M/s. Unitech Hi-Tech Structures Ltd. is pleased to publicly announce that, entire project except Block-A of the proposed IT SEZ, which is located at Plot No. DH, Action Area ID, New Town, Kolkata, West Bengal has been accorded Environmental Clearance (EC) on 15th May, 2009 by State Environmental Impact Assessment Authority (SEIAA) under Department of Environment, Govt. of West Bengal. Copies of the Clearance Letter are available at website of SEIAA (<http://enviswb.gov.in>)

(B0006)

B07006

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# পাবলিক নোটিশ

I, **SABYASACHI** Chatterjee shall henceforth be known as Sabbyasachi Chatterjii, vide affidavit before Notary Public, Kolkata 28.05.2009.

(D1089)

**M/S. UNITECH** Hi-Tech Structures Ltd.-এর পক্ষ হইতে জনসাধারণকে এতদ্বারা অবহিত করা হইতেছে যে, কলকাতা জেলার নিউ টাউনের প্লট নম্বর ডি. এইচ. অ্যাকশন এরিয়া ওয়ান ডি-তে প্রস্তাবিত "IT SEZ" প্রকল্পের ব্লক-এ (Block-A) বহির্ভূত সম্পূর্ণ অংশটি ১৫ই মার্চ, ২০০৯ তারিখে পশ্চিমবঙ্গ সরকারের পরিবেশ দপ্তরভুক্ত State Environmental Impact Assessment Authority (SEIAA) হইতে পরিবেশ ছাড়পত্র (EC) লাভ করিয়াছে। ছাড়পত্রের অনুলিপি SEIAA-এর website: (<http://enviswb.gov.in>)-এ উপলব্ধ।

(BD1080)

**M/S. UNITECH Hi-Tech**  
**Structurers Ltd.** is pleased to  
publicly announce that, Block-  
A of Phase-1 of the proposed  
IT SEZ, which is located at  
Plot No. DH, Action Area ID,  
New Town, Kolkata, West  
Bengal has been accorded  
Environmental Clearance  
(EC) on 5th December, 2008  
by State Environmental  
Impact Assessment Authority  
(SEIAA) under Department of  
Environment, Govt. of West  
Bengal. Copies of the  
Clearance Letter are available  
at website of SEIAA  
(<http://enviswb.gov.in>).

## পাবলিক নোটিশ

M/s. Unitech Hi-Tech Structures Ltd. -এর পক্ষ হইতে জনসাধারণকে এতদ্বারা অবহিত করা হইতেছে যে, কলকাতা জেলার নিউ টাউনের প্লট নম্বর ডি-এইচ অ্যাকশন এরিয়া ওয়ান ডি -তে প্রস্তাবিত "IT SEZ" প্রকল্পের Phase-1 এর ব্লক-এ (Block-A) অংশটি 'এই' ডিসেম্বর, ২০০৮ তারিখে পশ্চিমবঙ্গ সরকারের পরিবেশ দপ্তরভূক্ত State Environmental Impact Assessment Authority (SEIAA) হইতে পরিবেশ ছাড়পত্র (EC) লাভ করিয়াছে। ছাড়পত্রের অনুলিপি SEIAA-এর website (<http://enviswb.gov.in>) -এ উপলব্ধ।

(৩২৩৬)

হারানো প্রাপ্তি

SPEED POST

NOC NO101695

# WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan  
10A, Block-LA, Sector-III  
Bidhannagar, Kolkata-700 098

Memo No. 173-2N-54/2007(E)

Dated 21.03.2013

From :  
Member Secretary,  
West Bengal Pollution Control Board



To : M/s. Unitech Hi-Tech Structures Ltd.,  
22, Camac Street, 4th Floor,  
Kolkata - 700 016.

Sub : Consent to Establish (NOC) from Environmental Point of View

Ref : (i) Your letter No. NOC/WBPCB/ITSEZ-KOL/1802/2013 Dated 28.02.2013  
(ii) EC issued by SEIAA, WB vide No.EN/1418/T-II-1/077/2007 dtd. 15.05.2009 & vide No.EN/2635/T-II-1/077/2007 dtd.05.12.2008.

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s Unitech Hi-Tech Structures Ltd.

~~for manufacturing storage installation~~ construction of ITSEZ consisting of 7nos. of block of total built up area - 4,20,336.88 Sq.m. incancellation with earlier NOC (no28930) issued by the state Board vide memo No.895-2N-104/2005 dtd.07.12.06.

this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed.

\* at total land area -45.40 acres, Plot no.DH,Action Area-ID, New Town, Rajarhat, Kolkata.

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutional load so that the quality of the effluent satisfies the standards mentioned above.
3. You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
4. All emission from your factory shall conform to the standards as laid down by this Board.
5. No. emission shall be permitted without prior approval of this Board and you shall apply to this Board for its consent to operate and atmospheric emission as per provision of the Air (Prevention & Control Pollution) act, 1981.
6. No industrial plant, furnace, flues, chimneys, control equipment, etc. shall be constructed/reconstructed/erected/re-erected without prior approval of this Board.

*Mukherjee*  
*21/03/2013*  
Sr. Environmental Engineer  
W B Pollution Control Board  
Dept. of Environment, GoWB



7. You shall comply with
- Water (Prevention and Control of Pollution) Cess Act, 1977, if applicable.
  - Water (Prevention and Control of Pollution) Cess Act, 1978, if applicable.
  - Environment (Protection) Act, 1986
  - Environment (Protection) Rules, 1986
  - Hazardous Wastes (Management and Handling) Rules, 1989 and Amended Rules, 2000
  - Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amended Rules, 2000
  - Manufacture, Use, Import and Storage and Hazardous Micro-Organisms, Genetically Engineered Organisms or Cell Rules, 1989
  - The Public Liability Insurance Act, 1991 and Amended Act, 1992
  - The Public Liability Insurance Rules, 1991 and Amended Rules 1993
  - Biomedical Wastes (Management & Handling) Rules, 1998 and Amended Rules 2000 if applicable.
  - Recycled Plastics Manufacture and Usage Rules 1999, if applicable and
  - Ozone Depleting Substances (Regulation & Control) Rules, 2000, if applicable
8. You will have to abide by any other stipulations as may be prescribed by any authority/local bodies/Government Departments etc.

**SPECIAL CONDITION :**

**Gross capital investment of the total project - Rs.984.54 Crores.  
Please refer to annexure attached herewith.**

Any violation of the aforesaid conditions shall entail cancellation of this Consent to Establish (NOC)

Yours faithfully,

*[Signature]*  
Member Secretary, / **SR. ENV. ENGN.**  
West Bengal Pollution Control Board (EIM CELL)

*[Signature]*  
Dated: 21-03-2013  
**Sr. Environmental Engineer**  
**W B Pollution Control Board**  
**Dept. of Environment, GoWB**

Memo No. **-2N-54/2007(E)**

Copy forwarded for information to :

- Chief Inspector of Factories, Government of West Bengal, N. S. Building, Kolkata-700 001
- Director of Industries/Director of Cottage & Small Scale Industries, Government of West Bengal, N. S. Building. Kolkata-700 001
- Guard file, West Bengal Pollution Control Board.
- Environmental Engineer, I/II/Alipur R.O./Howrah R.O./Hooghly R.O./B.R.O./D.R.O./Haldia R.O./S.R.O./Asansol/ Sub-R.O./WBPC Board

Himalaya Bhawan Delhi Road, Dankuni Dist. Hooghly	Vill, Panpur Kalyani Expressway P.O. Narayanpur Dist. 24 Pgs. (N)	Sahid Khudiram Sarani City Centre, Durgapur-16 Dist. Burdwan	10, Camac Street 2nd Floor Kolkata-700 017
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Paribesh Bhawan 10A, LA-Block, Sector-III Salt Lake City, Kolkata - 700 098	Block-05 at 40 Flats Complex Adjacent to Priyambada Housing Estate P.O. : Khanjanchak, P.S. Durgachak Haldia-721602 Dist. : Purba Medinipur	Paribahan Nagar Matigara, Siliguri Dist.-Darjeeling
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Satya Chowdhury  
Indoor Stadium  
Balurchar Bandh Road  
Malda-732101

Asansol Sub-Regional Office  
ADDA Commercial Market (2nd Floor)  
Opposite Asansol Fire Station  
G.T. Road, Asansol-713 301

*[Signature]*  
Member Secretary, / **Sr. E.E.**  
West Bengal Pollution Control Board  
**(EIM CELL)**  
**Sr. Environmental Engineer**  
**W B Pollution Control Board**  
**Dept. of Environment, GoWB**

Special Conditions issued to **M/s. Unitech Hi-Tech Structures Ltd. for the proposed IT SEZ Park at Plot No. -DH (total land area-45.40 acres), Action area-1D, New Town, Rajarhat, Kolkata-700156, Dist - 24 Parganas (North)**

pg 1 of 2

**A. Emission:-**

1. DG Sets 47600 KVA (30x1250 KVA & 10x1010 KVA).

**Stack –**

- i. individual stack of adequate heights above the roof of DG room to be provided with acoustic enclosures and residential silencer.
- ii. Stacks to have sampling port, platform and ladder as per the Emission Regulation Part – III of CPCB.
- iii. Emission standards, Fuel specification and Stack height should comply with the prescribed limits under the notification of Ministry of Environment & Forest, Govt. of India, G.S.R. 489(E) [09.07.2002] and subsequent amendments.

**B. Effluent:-**

Domestic – waste water shall be discharged to WBHIDCO sewer line. Discharge of waste water shall conform to E(P) Rules.

**C. Solid Waste :-**

- i. Municipal solid waste: to be collected and disposed off regularly as per the Municipal Solid Wastes (Management and Handling) Rules, 2000.
- ii. E-Waste:- Separate area within the complex will be provided for storage of E-Waste and to be disposed as per the E-Waste Management & Handling rules, 2011.
- iii. Hazardous waste: should be disposed off separately as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.

**D. General:-**

1. The Project Proponent shall have to obtain prior concurrence from the concerned municipality for ensuring supply of water, discharge of sewage and disposal of solid wastes.
2. D.G. Set noise level should not exceed the permissible limit. The Project Proponent should ensure that the ambient noise level is maintained within permissible limits during the construction phase.
3. The proponent should strictly comply with the standards / guidelines for control of noise from stationery Diesel generator sets. These standards and guidelines are prescribed under the notifications of Ministry of Environment & Forest, Govt. of India, G.S.R. 371(E) [17.05.2002], G.S.R. 489(E) [09.07.2002] and subsequent amendments.
4. The proponent should obtain necessary clearance for DG Sets from the Directorate of Electricity before applying for Consent-to-Operate.
5. The following activities are restricted during the night time (10 pm to 6 am), if there is any significant human settlement in the vicinity:
  - a) Piling work.
  - b) Operation of Ready Mix Plant, if installed and Vibrator.
  - c) Loading and unloading of construction materials.
6. Adequate measures are to be taken to reduce vibration during piling work.
7. Water sprinkling arrangement should be ensured at every loading and unloading point to prevent spreading of dust. Rubbish, debris, broken materials and others must be kept properly within project area at suitable place with proper water sprinkling to prevent fugitive dust spreading.
8. Provision of drinking water, wastewater disposal and solid waste management should be ensured for labour camps. Proper sanitation facilities should be provided for construction workers to ensure environmental sanitation. Health and safety of the workers should be ensured during construction.
9. The project proponent should take necessary care not to cause any inconvenience to the residents of surrounding neighbourhood. Regular supervision should be in place all through the construction phase so as to avoid disturbance to the surroundings.
10. The Project Proponent will ensure that no accumulation of any kind of water occurs within the project area to prevent breeding of various disease spreading vectors.
11. Necessary dust barrier should be provided during construction phase. Before taking up the construction work it is preferable to enclose the area with some enclosure.

*M. K. S.*  
21.03.2013

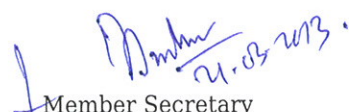
Sr. Environmental Engineer  
WB Pollution Control Board  
Dept. of Environment, GoWB



Special Conditions issued to **M/s. Unitech Hi-Tech Structures Ltd. for the proposed IT SEZ Park at Plot No. -DH (total land area-45.40 acres), Action area-1D, New Town, Rajarhat, Kolkata-700156, Dist - 24 Parganas (North)**

pg 2 of 2

12. Appropriate arrangement is to be done for rainwater harvesting within the site. The proponent must practice rainwater harvesting on regular basis.
13. Ground water should not be abstracted without prior permission of the Local body as well as the Competent Authority as per the West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005.
14. Provision of screen wall should be made surrounding the batching plant, if installed for control of fugitive emission from such operation.
15. Fly Ash is to be used for construction as per Notification No. S.O. 763(E) dated 14.09.1999 amended vide Notification No. S.O. 979(E) dated 27.8.2003 and S.O. 2804(E) dated 03.11.2009 of the Ministry of Environment & Forests, Govt. of India.
16. The proponent should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007. No trees can be felled without prior permission from the Tree Cutting Authority constituted as per the West Bengal Trees (Protection and Conservation in Non-Forest Areas) Act, 2006 and subsequent rules. Adequate green belt is to be developed within the project site. Water intensive and/or invasive species should not be used for landscaping.
17. Proper steps are to be taken so that the flora and fauna are not affected during the construction phase.
18. Adequate firefighting storage should be provided as per Rules.
19. Adequate parking space should be provided within the project site as per Rules.
20. Road design should be done with due consideration for environment and safety of users. The entry and exit points should be designed properly without disturbing the existing traffic.
21. Use of energy efficient construction materials should be ensured. Water efficient devices / fixtures should be installed. Energy efficient systems should be installed.
22. Adequate provision shall be made for storage of solid waste and adequate means of access shall be provided. Vats / bins should be provided inside the project area from where the wastes are to be disposed off by arrangement with the local body.
23. The proponent shall undertake awareness programmes for the residents to promote water and energy conservation and to ensure environmental protection.
24. No expansion of the project should be undertaken without prior permission of the State Board.
25. The unit should not start operation without obtaining 'Consent to Operate' from this Board.
26. The proponent should maintain a display board at the site, providing detailed information on the salient features of the proposed project.
27. The proponent should abide by the Direction issued by the Department of Environment, Government of West Bengal, vide No. EN/3170/T-IV-7/001/2009 dated 10.12.2009 (**Annexure II**).
28. The proponent should strictly abide by the conditions stipulated in the Environmental Clearance accorded by the State Environment Impact Assessment Authority (SEIAA), West Bengal, vide No. EN/2635/T-II-1/077/2007 dated 05.12.2008 and EN/1418/T-II-1/077/2007 dated 05.12.2008.
29. This NOC is valid upto **31.03.2018** for construction of IT SEZ in cancellation with earlier NOC issued by the State Board vide memo no. 895-2N-104/2005 dated 27.12.2006. The proposed IT SEZ shall have 7 blocks of G+5 to G+21 storied building along with car parking facilities for 5194 nos car. The Total Built-up Area of proposed project shall be **420336.88 sq m.**

  
Member Secretary  
West Bengal Pollution Control Board  
Sr. Environmental Engineer  
W B Pollution Control Board  
Dept. of Environment, GoWB



Department of Environment  
Government of West Bengal  
Writers' Buildings, "G" Block, (2nd. Floor),  
Kolkata-700 001.

Sl. No. EN/3170/ENV-7001/2009

Dated: December 10<sup>th</sup>, 2009

### D I R E C T I O N

WHEREAS, Department of Environment, Govt. of West Bengal is entrusted to look after the execution of the different environmental laws within the territorial jurisdiction of West Bengal and also responsible for maintaining pollution free environment and also responsible for restraining different environment-hazardous activities which are causing serious impact on human beings, other living creatures, plant, micro-organism, property or the environment;

AND WHEREAS, Department of Environment has already taken different steps for controlling air pollution in the atmosphere generated from the different sources i.e. industrial source, vehicular source and burning of bio mass;

AND WHEREAS, Department of Environment in exercising the power conferred under section 19 of the Air (Prevention & Control of Pollution) Act, 1981, has already declared entire West Bengal as 'Air Pollution Control Area'.

AND WHEREAS, West Bengal Pollution Control Board conducted study with the help of the Asian Development Bank and it is revealed that the contribution of the construction activities is one of the source of air pollution in Kolkata and its surroundings;

AND WHEREAS, it is further revealed that burning of old tyres in brick kiln as a fuel during construction and repairs of road for melting coal contributes significant obnoxious element into the air which cause a serious problem of the human beings;

HENCE, in view of the above and in consultation with the West Bengal Pollution Control Board and in exercise of the power conferred under the Air (Prevention & Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986, all the municipalities, local authorities and all other concerned Govt. Departments within the state of West Bengal, are now directed to take immediate steps to implement the following norms which need to be strictly followed by the developers, contractors or any other infrastructure developer.

• Preventive measures need to be taken: -

- a) Wrap construction area/buildings with geotextile fabric, installing dust barriers, or other actions, as appropriate for the location,
- b) Apply water and maintain soils in a visible damp or crusted condition for temporary stabilization,
- c) Apply water prior to levelling or any other earth moving activity to keep the soil moist throughout the process;
- d) Limit vehicle speeds to 15 mph on the work site,
- e) Clean wheels and undercarriage of haul trucks prior to leaving construction site.
- f) Apply and maintain dust suppressant on haul routes,
- g) Apply a cover or screen to stockpiles and stabilize stockpiles at completion of activity by water and maintain a dust palliative to all outer surfaces of the stockpiles;
- h) Stabilize surface soils where loaders, support equipment and vehicles will operate by using water and maintain surface soils in a stabilized condition where loaders, support equipment and vehicles will operate;
- i) Stabilize adjacent disturbed soils following paving activities with immediate landscaping activity or installation of vegetative or rock cover.
- j) Maintain dust control during working hours and clean track out from paved surfaces at the end of the work shift/day. Track out must now extend 50 feet or more and must be cleaned daily, at the minimum.
- k) Stabilize sloping surfaces using soil binders until vegetation or ground cover can effectively stabilize the slope;
- l) Disposal of debris in consultation with the local authorities following proper environmental management practice.
- m) During construction work, including cutting of marbles, ambient noise level should not exceed more than 65 dB(A).

• Practices to be discarded: -

- a) Don't dispose of debris indiscriminately.
- b) Don't allow the vehicles to run at high speed within the work site.
- c) Don't cut materials without proper dust control/noise control facility.
- d) Don't keep materials without effective cover.
- e) Don't allow access in the work area except workers to limit soil disturbance and prevent access by fencing, ditches, vegetation, berms or other suitable barrier.
- f) Don't leave the soil, sand and cement stack uncovered.
- g) Don't keep materials or debris on the roads or pavements.
- h) Burning of old tyres in hot mix plant as a fuel during construction and repair of the roads for melting coal tar should be discarded ;

NOW THEREFORE, it is made clear that any developers, contractors or infrastructure developers either Govt. or Private failed to comply with the aforementioned statutory norms, Department of Environment and West Bengal Pollution Control Board will take necessary action under Air (Prevention & Control of pollution) Act, 1981 and Environment (Protection) Act, 1986 which may lead to stoppage and prohibition of the work including closure and other legal action as warranted under the law including imposition of the 'Pollution Cost'.

It is further directed that all Municipal Corporations, Municipalities and Panchayats should also be at liberty to take necessary action against the violators under the Municipal Laws and Panchayat Law.

But it is made clear that Local Authorities i.e. Municipal Corporations, Municipalities and Panchayats are responsible to implement the aforementioned guidelines meticulously for the purpose of curbing air pollution and other environmental hazards of their respective jurisdiction.

Local Police Station is also directed to render all necessary help to the Local Authorities to implement the aforementioned direction in a befitting manner.

This order will take effect from 01-01-2010 through out the State of West Bengal.

By Order,

Sd/-

( M. L. Meena )

Principal Secretary to the Govt. of West Bengal,  
Department of Environment.

No. EN/3170/T-IV-7/001/2009.

Dated: December 10<sup>th</sup>, 2009.

Copy forwarded to :

- 1) The Principal Secretary to the Govt. of West Bengal, Urban Development Department.
- 2) The Director General of Police, Govt. of West Bengal, Writers' Buildings, Kolkata-700001.
- 3) The Secretary to the Govt. of West Bengal, Municipal Affairs Department.
- 4) The Commissioner of Police, Kolkata.
- 5) The Member-Secretary, West Bengal Pollution Control Board.
- 6) The District Magistrate.....District, with a request to advice his good office to circulate this direction to all SDOs., BDOs., for necessary action.
- 7) The Commissioner.....Corporation.
- 8) The Executive Officer.....Municipality.
- 9) The Secretary, .....Zilla Parishads, with a request for circulate this direction through his good office to the Panchayat Samity and Gram Panchayat for implementation.
- 10) The P.S. to Principal Secretary to the Govt. of West Bengal, Department of Environment.
- 11) The P.S. to MIC, Environment Department, Govt. of West Bengal.

Sd/-

Chief Law Officer,  
Department of Environment.



# WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan', Bldg. No.-10A, Block-LA, Sector-III, Salt Lake City, Kolkata-700 098  
(Orange/Green Category Unit)



Consent Letter Number : **C015634**

Memo Number : **941-SEE-Camac-WBPCB-1A-299/2008**

Date : **20/5/2013**

**Consent to Operate** under Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974,  
and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981.

The West Bengal Pollution Control Board (hereinafter referred to as "State board") under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended, and Rules and Orders made thereunder hereby grants Consent to :

M/s **Unitech Hi-tech Structures Limited, Kolkata office at 22, Camac St., Block-C, 4th Floor, Kolkata-700 016.** Plot no.DH, Action Area-ID, New Town, Rajarhat, Kolkata - 700 156.

(Detailed address of the manufacturing unit)

for a period from **01/01/2013** to **31/12/2016** to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit in accordance with the conditions as mentioned below provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in this consent letter and as specified in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as mentioned below shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.

## Conditions :

01. This Consent is valid for the manufacture of **Block A, Block B, Block-G3 (including basement, of total build up area-199533.49 m<sup>2</sup> & Podium)**

Sl. No.	Name of major products and by - products	Quantity produced per month	Sl. No.	Name of major products and by - products	Quantity produced per month
01			03		
02			04		

02. The Applicant shall observe the following fuel consumption pattern

Sl. No.	Type of fuel	Quantity per day	Sl. No.	Type of fuel	Quantity per day	Sl. No.	Type of fuel	Quantity per day
01	<b>H S D for DG Sets</b>		02	-	-	03	-	-

03. The Applicant falls in the **Sp. red** category of the Water (Prevention and Control of Pollution) Cess Act, 1977 and Rules made thereunder and shall comply with the provisions of said Act and Rules and regularly submit to the Board the Returns of Water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

04. Daily water consumption for the following purposes should not exceed

Industrial cooling, spraying in mine pits and boiler feed water (water used for gardening should be included in this category of use)	Domestic purpose	Processing whereby water gets polluted and the pollutants are easily biodegradable	Processing whereby water gets polluted and the pollutants are not easily biodegradable
-	<b>2058 KLD</b>	-	-

05. Daily discharge effluent shall not exceed

	Industrial Liquid effluent	Domestic Liquid effluent	Mixed (industrial & domestic) liquid effluent
No. of outfalls	-	-	-
Quantity	<b>KL</b>	<b>591 KL</b>	<b>KL</b>
Place of discharge	<b>WBHIDCO Sewer line</b>		

06. The Applicant shall provide drainage system for conveying industrial & domestic liquid waste & separate drainage system for storm-water and shall provide comprehensive treatment facility for industrial and domestic liquid waste (sewage, sullage & liquid effluent generated from canteen) and operate and maintain the same to conform to the Standard for final effluent as given below

Outlet No.	Nature of effluent	Parameters and standard (in mg/l, max)						Frequency of effluent sampling
		pH	BOD	COD	TSS	O & G		
-	<b>Domestic</b>	<b>5.5-9.0</b>	<b>30</b>	<b>250</b>	<b>100</b>	<b>10</b>	-	<b>Yearly</b>

W.B. Pollution Control Board  
Chief Engineer



(2)

07. The Applicant shall provide comprehensive pollution control equipment and operate and maintain the same continuously to conform the quality of the final gaseous emission to the Standard as given below :

Stack No.	Stack height from G. L. (in mts.)	Stack attached to (sources and control system, if any)	Volume Nm <sup>3</sup> / hr.	Velocity of gaseous emission (m/sec)	Concentrations of parameters not to exceed				Frequency of sampling
					SPM (mg/Nm <sup>3</sup> )	CO (%v/v)			
S-1	60 m	1250 KVA x 6 nos.	-	-	150	1%	-	-	Yearly
S-2	50 m	1010 KVA x 4 nos.	-	-	150	1%	-	-	-Do-
S-3	40 m	1250 KVA x 2 nos.	-	-	150	1%	-	-	-Do-
S-4	-	-	-	-	-	-	-	-	-

08. The Applicant shall maintain the generation and treatment / disposal of non-hazardous solid waste as specified below :

Type of waste	Quantity	Treatment	Disposal
Municipal Solid Waste	1459 Kg	-	Through NKDA & WBHIDCO

09. The Applicant shall take adequate measures for control of noise levels from its own sources within its premises to conform to

Time	Limit in dB(A) L <sub>eq</sub>	Time	Limit in dB (A) L <sub>eq</sub>
Day Time (06 a.m. to 06 p.m.)	65	Night Time (06 p.m. to 06 a.m.)	55

10. The Applicant shall remain responsible for quantity and quality of liquid effluent and air emissions and shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.

11. The Applicant shall at all times maintain good house-keeping, proper working order, control pollution (including fugitive emissions) from all sources to maintain clean environment in & around factory premises and to surrounding areas / inhabitants.

12. The Applicant shall bring about at least 33% of the available open land under the green coverage / plantation.

13. The Applicant shall provide for sufficient alternate electric power source to operate all pollution control facilities. In absence of such alternate power source, the production should be stopped / reduced / controlled to conform the conditions of the Consent.

14. All the stacks connected to various sources of emissions must be painted/displayed to designate by numbers such as S-1, S-2 etc. and shall have ports, ladder, platform etc. for monitoring/sampling the air emission and the same shall be made available for inspection and use by the State Board's staff as well as State Board's authorised agencies.

15. The Applicant shall install a separate energy meter showing the consumption of energy for operation of pollution control devices and shall install suitable device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board.

16. The Applicant shall allow the Officers of the State Board to enter into the premises of the unit at any reasonable time to inspect the pollution control system's and shall provide adequate and safe facility for collection of air, wastewater and solid waste samples for monitoring and measuring by the State Board's staff as well as State Board's authorised agencies.

17. The Applicant shall intmain an Inspection Book in the factory premises which shall be made available to inspecting officers of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection.

18. The Applicant shall maintain to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any pollutants in excess of quality and quantity as mentioned above to any receiving water body/system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster and the Applicant shall take adequate steps to prevent such accidental event.

19. The Applicant shall apply for renewal of consent to State Board in prescribed form 60 (sixty) days before expiry of this Consent.

20. The Applicant shall not make any alteration/modification/expansion in the existing manufacturing process and equipment, pollution control system and shall not bring into any altered or new outlet/outfall or stack or change the place of discharge, without prior approval of the Board.

21. The Applicant shall comply with the conditions as laid down in the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989, Hazardous Wastes (Management & Handling) Rules, 1989 and Public Liability Insurance Act, 1991.

22. Unit to submit water cess return immediately.

23. Unit should strictly abide by the conditions stipulated in the Environmental clearances accorded by SEIAA, WB & NOC of WBPCB np. 'N0101695'.

Seal

(Member Secretary / Chief Engr./Sr. Env. Engr./Env. Engr./Asst. Env. Engr./Jr. Scientist)

CHANDAN GHOSE  
Chief Engineer  
W. B. Pollution Control Board