

20<sup>th</sup> Nov 2019

To,

Additional Principal Conservator of Forests (C),  
Ministry of Environment, Forest and Climate Change,  
Regional Office (NZ),  
Bays No. 24-25, Sector 31 A, Dakshin Marg,  
Chandigarh - 160030

**Subject:** - Half Yearly compliance report of the environment clearance issued to M/s Adani Logistics Limited for development of ware house project at village Patli, District Gurgaon, Haryana by State Environment Impact Assessment Authority, Haryana vide letter dated 17/06/2013 bearing number SEIAA/HR/2013/287.

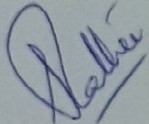
Dear Sir,

Please find enclosed herewith the half yearly compliance report of the condition stipulated in the above mentioned environment clearance letter for the period from Apr, 2019 to Sept, 2019.

This is for your information and records please.

Yours Faithfully,

For Adani Logistics Limited



Shantanu Rathee  
Terminal Head  
ICD Patli, Gurgaon



CC to:-

1. The Chairman, State Environment Impact Assessment Authority, Bay No. 55-58, Prayatan Bhawan, Sector - 2, Panchkula, Haryana
2. The Regional Officer, Haryana State Pollution Control Board, 3rd Floor, HSIIDC Office Complex, IMT Manesar, Gurgaon

No.	Condition	Compliance status
<b>PART A-SPECIFIC CONDITIONS</b>		
<b>Construction phase</b>		
1	"Consent for Establish" shall be obtained from Haryana State Pollution Control Board Under Air and Water Act and a copy shall be submitted to the SEIAA	Complied.  CTE has been obtained on 24/10/2014 vide HSPCB/Consent/2821214GUSOCTE 1245672. Copy of the same was submitted along with the Compliance Report dated 20/11/2017. <b>Annexure-1A</b>
2	A First Aid Room as proposed in the project report shall be provided both during construction and operational phase of the project.	Complied.  First Aid facility is provided at different location in the site.
3	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the laborers is strictly prohibited. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.	Complied.  Construction of the ware house completed on 05/10/2012. The completion certificate was submitted along with the Compliance Report dated 20/11/2017. <b>Annexure- IB</b>
4	All the top soil excavated during construction activities should be stored for use in horticulture/ landscape developments within the project site.	Complied.  Excavated soil has been used in the green belt development.
5	The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighboring communities and should be disposed of after taking necessary precautions for general safety and health aspects of people, only in approved sites with approval of competent authority.	Complied.  All the waste materials have been disposed of in environmentally sound manner.
6	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses	Complied.  All the waste materials have been disposed of in environmentally sound

No.	Condition	Compliance status
	and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed of as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.	manner.
7	The Diesel generator sets to be used during construction phase should be of ultra-low sulphur diesel type and should conform to Environment (protection) Rules prescribed for air and noise emission standards.	Complied. DG sets were standby source of power failure and Low sulfur diesel is being used as fuel, stack height installed as per the CPCB norms.
8	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from chief Controller of explosives shall be taken.	Complied. Clearance from CCoE is not applicable as the quantity of Diesel stored is less than the threshold quantity.
9	Ambient Noise levels should conform to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be taken to reduce ambient air and noise level during construction phase , so as to confirm to the stipulated residential standards	Complied. Construction of the ware house was completed on 05/10/2012. However, adequate measures are being taken to comply with the standards during operations also.
10	Fly ash should be used as building material in the construction as per the provision of fly Ash notification of September 1999 and as amended on 27th August 2003.	Closed. Construction of the ware house completed on 05/10/2012. The completion Certificate was submitted along with the Compliance Report dated 20/11/2017
11	Storm water control and its use as per CGWB and BIS standards for various applications should be ensured	Complied. Storm water drains have been provided. Storm water is channelized to Injection well built for the purpose of rain water harvesting.
12	Water demand during construction should be reduced by use of pre-	Closed Construction of the ware house

No.	Condition	Compliance status
	mixed concrete curing agents and other best practices.	completed on 05/10/2012. The completion certificate was submitted along with the Compliance Report dated 20/11/2017
13	In view of the severe constrains in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from CGWA specifying water extraction quantities and assurances from HUDA/utility provider indicating source of water supply and quantity of water with details of intended use of water - potable and non-potable. Assurance is required for both construction and operations stages separately. It shall be submitted to the SEIAA and RO, MOEF, Chandigarh before the start of construction.	Complied.  No ground water is being extracted during construction and operation of the project till date. Entire water requirement is being met through purchased water.
14	Roof should meet prescriptive requirement as per energy conservation building code by using appropriate thermal insulation material.	Complied.  Construction of the ware house is as per the applicable codes.
15	Opaque wall should meet prescriptive requirement as per Energy Conservation Building code which is proposed to be mandatory for all air conditioned spaces while it is desirable for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Complied.  Warehouse is without air-conditioning system. However, Opaque walls have been provided.
16	The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of firefighting equipment's, etc. as per National Building Code including protection measures from lightening etc. If any forest land is involved in the proposed site, clearance under Forest Conservation Act shall be obtained from the competent Authority.	Complied.  Fire NOC from Municipal Corporation has been obtained vide FS/2019/2452 dated 28/09/2019. <b>Annexure- 1C</b>  Diversion of Forest Land of 0.0071 hecter has been obtained from MoEF & CC Dated 1st August 2016 bearing F.No.:9-HRB 028/2015-CHA  Completion certificate of the structure has been obtained from Directorate of Town and Country Planning, Chandigarh vide Memo number G-2006 VOL-

No.	Condition	Compliance status
		II/JD(BS)/2012/19811 Dated 05/10/2012
17	Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy Conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency /Savings measures as well as water reuse / recycling within 3 months and before start of construction to the SEIAA, HARYANA and RO, MOEF, GOI Chandigarh.	Closed.  Construction of the ware house completed. The completion certificate was submitted along with the Compliance Report dated 20/11/2017
18	The Project proponent shall construct 25 nos. of rain water harvesting pits for recharging the ground water within the project premises. . Rain water Harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that contaminated water do not enter any RWH pit.	Considering the Land Area and slope ALL has constructed 3 numbers of Rain water collection pit / Injection well have been provided for rain water harvesting purpose.
19	The project proponent shall provide minimum one hydraulic ladder of sufficient length for escape of people in case of fire.	Not applicable as there is no multistory building.
20	The project proponent shall submit assurance from DHBVN for supply of 1500 KVA of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.	Complied.  Copy of DHBVN approval letter was submitted along with the Compliance Report dated 20/11/2017
21	Detail Calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for Electrical Infrastructure in the project area.	Closed.  Construction of the ware house completed on 05/10/2012

No.	Condition	Compliance status
22	The Project Proponent shall not raise any construction in the natural land depression /Nallah/water course and shall ensure that the natural flow from the Nallah/water course is not obstructed	Complied. Suitable openings have been provided in the boundary wall for free flow of Storm water.
23	The project proponent shall submit an affidavit with the declaration that the ground water will not be used for construction and only treated water should be used for construction.	Closed. Construction of the ware house completed on 05/10/2012
24	The Project proponent shall not cut any existing tree and project Landscaping plan should be modified to include those trees in green area.	Closed. Construction of the ware house completed on 05/10/2012
25	The project proponent shall ensure that ECBC norms for composite climate zone are met. In particular building envelope, HVAC service, water heating, pumping, lighting and electrical Infrastructure must meet ECBC norms.	Complied. Construction of the ware house is as per the applicable codes.
26	The project proponent shall provide 3 meter high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air pollution during construction.	Complied. Construction of the ware house completed on 05/10/2012. All precaution were adopted during construction to restrict dust pollution.
27	The Project Proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.	Sedimentation pit shall be provided.
28	The Project Proponent shall provide Proper Rasta of proper width and proper strength for each project before the start of construction.	Complied. Proper Rasta (Paved) of proper width and proper strength has been provided during construction phase.
29	The project proponent shall install STP of 20 KLD capacity for treatment of 15.52 KLD of sullage, instead of proposed septic tanks and soak pits	Complied. STP has been provided to treat the domestic sewage. Treated water is being

No.	Condition	Compliance status
	and shall recycle and reuse the treated waste water for flushing/ landscape development. Accordingly, the project proponent shall submit revised water requirements, STP detail and revised water balance diagram accordingly before the start of construction.	used for horticulture purpose. Details of the STP was submitted along with the Compliance Report dated 20/11/2017
30	The project proponent shall obtain NOC from district wild life warden indicating that the project area does not fall in ambit of MOEF GOI notification dated 27-01-2010 declaring 5 KM area around Sultanpur national park as Eco-sensitive zone before the start of construction.	NOC from District wild life has been obtained on 7/10/2013 bearing no. 420. Copy of the same was submitted along with the Compliance Report dated 20/11/2017
31	The project proponent shall submit assurance of HUDA or permissions of CGWA for supply/ abstraction of ground water before the start of construction.	Complied. No ground water is being extracted during construction and operation of the project till date. Entire water requirement is being met through purchased water.
32	The project proponent shall ensure plinth level of the building block is 1.5 meter above 100 years flood level.	Complied. Plinth level is provided above the 1.5 meter above the flood level.
<b>Operational phase</b>		
a	"Consent to operate" shall be obtained from Haryana state pollution Control Board under Air and water Act and a copy shall be submitted to the SEIAA, Haryana.	CTO has been obtained from HSPCB vide letter dated 01/10/2019 bearing no. HPCB/Consent/:313116319GUSOCTO683 2321. <b>Annexure- 1D</b>
b	The Sewage Treatment Plant (STP) shall be install led for the treatment of the sewage to the prescribed standards including odor and treated effluent will be recycled to achieve zero exit discharge, The installation of STP should be certified by an independent expert and a report in this regard should be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory.	Complied. STP has been provided to treat the domestic sewage. Treated water is being used for horticulture purpose. Details of the STP was submitted along with the Compliance Report dated 20/11/2017

No.	Condition	Compliance status
	Discharge of treated sewage shall conform to the norms and standards of HS PCB, Panchkula.	
c	Separation of the grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 10 Mtr. and the recycled water will be used for flushing, gardening and DG set cooling and running of fountain in the water body to achieve zero exit discharge.	Complied. Entire domestic effluent is being treated in the STP and the treated water is being used for horticulture purpose.
d	For disinfection of the treated wastewater ultra-violet radiation or ozonization process should be used.	Not required. Treated water is not being used for human/animal consumption in any manner. Treated water is being used for horticulture purpose only.
e	The solid waste generated should be properly collected and segregated. Bio-degradable waste shall be decomposed at site and dry/ inert solid waste should be disposed off to approved sites for land filling after recovering recyclable material.	Complied. Solid waste like canteen waste is being collection, segregation at source and disposed off to Organic waste convertor . Generated Compost material from OWC has been utilizing for greenbelt development.
f	Diesel power generating sets proposed as source of back-up power for lifts, common area illumination and for domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets should be in the basement as promised by the project proponent with appropriate stack height i.e above the roof level as per the CPCB norms. The diesel used for DG sets should be ultra-low sulphur diesel (0.05% sulphur), instead of low sulphur diesel.	Complying. DG sets are standby source of power failure and Low sulfur diesel is being used as a fuel and height of the stack is complied as per the CPCB norms. There is no basement in the project.
g	Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standards	Complied. Noise levels are well within the prescribed CPCB/ MoEF&CC standards.



No.	Condition	Compliance status
	both within and at the boundary of the Proposed Complex.	Please find enclosed the details of monitoring report as <b>Annexure -1E</b>
h	The project proponent should maintain at least 30 % as green cover area For tree plantation especially all around the periphery of the project and the road sides preferably with local species so as to provide protection against particulates and noise. The open spaces inside the plot should be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.	Shall be complied. Development of green belt is in progress.
i	The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapo-transpiration data.	Complying with. Treated water from STP is being used in the irrigation/ Greenbelt Development.
J	Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 mts. above the highest ground water table. Care shall be taken that contaminated water do not enter any R WH pit.	Complied. Storm water drains have been provided various locations within the site. Storm water is channelized to injection well provided for rain water harvesting.
k	The ground water level and its quality should be monitored regularly in construction with central Ground Water Authority.	Not Applicable. No ground water extraction is being used for construction and operation phase in any manner. No effluent is discharged to ground water or in open water body.
l	There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space	Complied. Entry and Exit to logistic park and ware house is as per the traffic estimated. In addition proper arrangement of security guards at site to control traffic has also

No.	Condition	Compliance status
	should be utilized.	done.
m	A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, & U Factors etc. and submitted to the SEIAA, Haryana in three month time.	Being complied, However, Energy efficient lighting (LED) is already installed in Warehouse area.
n	Energy conservation measures like installation of LED for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning, Use solar panels must be adapted to the maximum energy conservation.	Complied. LED lights are installed in the warehouses area.
o	The Project Proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project Proponent shall also provide halon free fire suppression system	Complied. All the insulation material does not have Ozone depleting potential. Proper care is given during maintenance/operation of the refrigeration system to avoid leakages of the gases. All FFE s are free from Halon content and with low Ozone Depleting characteristics.
p	The solid waste generated should be properly collected and segregated as per the requirement of the MSW rules, 2000 and as amended from time to time. The bio-degradable waste should be composted by vermi-composting at the site ear-marked within the project area and dry/inert solid waste should be disposed off to approval sites for land filling after recovering recyclable material.	Complied. Solid waste is being collection, segregation and disposed off to a approved vendor.
q	The traffic plan and the parking plan proposed by the PP should be adhered to meticulously with further scope of additional parking for future requirement. There should be no traffic congestion near the entry and exit points from the roads	Complied. Entry and Exit to logistic park and ware house is as per the traffic estimated. In addition proper arrangement of security guards at site to control traffic has also done.

No.	Condition	Compliance status
	adjoining the proposed project site. Parking should be fully internalized and no public space should be used.	
r	The Project shall be operationalized only once HUDA will provide domestic water supply system in the area.	Not applicable. The area is outside the limit of HUDA.
s	Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured during lifetime of project.	Complied with. Operation and maintenance of the STPs, electrical infrastructure etc. is being done as per schedule.
t	Different type of wastes should be disposed off as per provisions of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rules made under Environment Protection Act, 1986. Particularly E-waste and battery waste shall be disposed of as per existing E-waste Management rules 2011 and batteries Management Rules 2011. The project proponent should maintain a collection center for E-waste and it should be disposed of to only registered and authorized dismantler/ recycle.	Complying with. Each kind of waste is being managed with the compliance of the provisions of the respective waste management rules as amended. Municipal Solid waste collection, segregation, disposal is being at site as per Solid waste Management rules 2016 and its subsequent rules. Hazardous waste collection, segregation, disposal is being at site as per Hazardous and other waste (Management and Transboundary Movement) Rules 2016 and its subsequent rules. E-waste collection, storage, segregation, disposal is being at site as per E-waste Management rules 2016.
u	Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.	Complying. There is no discharge of pollutants in the environment due to the project operation. Treated water from STP is being used for Greenbelt development.
v	The project proponent shall make provision for guard pond and other provisions for safety against failure in the operation of waste water treatment facilities. The project proponent shall also identify acceptable outfall for treated effluent.	Complying. There is no discharge of pollutants in the environment due to the project operation. Treated water from STP is being used for Greenbelt development.

No.	Condition	Compliance status
w	The project proponent shall ensure that the stack height of DG sets is as per the CPCB guide lines and also ensure that the emission standards of noise and air are within the CPCB prescribed limits	Complied with. Adequate stack height installed as per the CPCB norms for DG set. Acoustic enclosures for DG set have been provided, as per standards.  DG set Monitoring of the Test reports are enclosed as <b>Annexure 1F</b>
x	All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.	Complied. Electrical connections are as per the applicable codes.
y	The project proponent shall minimize heat island effect through shading and reflective or pervious surface instead of hard surface.	Complied. Covered warehouse was constructed which prevent the heat island effect.
z	The project proponent shall install RO plant for purification of water.	Complied. RO purifiers installed at various locations of the site for drinking water purpose
aa	The Project proponent shall control fugitive emission due to loading, unloading and other operations. In no case any truck/other vehicle should be parked on the road side.	Complying. Project handles only Containers which do not generate fugitive emission during loading and unloading. Designated parking area is available for parking of trucks and other vehicle.
<b>PART B-GENERAL CONDITIONS</b>		
i	The project proponent shall ensure the commitments made in form – I, Form – IA, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are complied with in letter and spirit . In case of contradiction between two or more documents on any point shall be taken as commitment by project proponent.	Complying with.  All recommendation as mentioned with EIA/EMP are being complied with
ii	Six Monthly Compliance reports should be submitted to the HSPCB and regional office, MOEF, GOI, Northern Region, Chandigarh and a copy to the SEIAA Haryana.	Complying with. Last compliance report was submitted on 20/5/2019.
iii	Noise, STP Outlet after stabilization and stack emission shall be monitored monthly. Other environmental Parameters and green belt shall be monitored on quarterly basis. After every 3 Months, the project proponent	Complying with. Regular Monitoring for Noise, STP outlet and DG set stack emission is being conducting. Test Reports of the same is enclosed as Annexure –1 In house HSE audit is being done for

No.	Condition	Compliance status
	shall conduct environmental audit and shall take corrective measure, if required, without delay.	corrective action (if any)
iv	The SIAA, Haryana reserves the right to add additional safeguard measures subsequently, if found necessary. Environmental clearance granted will be revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MOEF.	Noted and agreed.
v	The project proponent shall not violate any judicial orders/pronouncements issued by any court/Tribunal.	Agreed.
vi	All Other statutory clearances such as the approvals for storage of diesel from chief controller of explosive, fire Department , civil Aviation Department, Forest Conservation Act 1980 and wildlife (protection ) Act , 1972, Forest Act, 1927, PLPA 1900, etc shall be obtained as applicable by project proponents from the respective authorities prior to construction of the project.	Complied NOC from District wild life has been obtained on 7/10/2013 bearing no. 420. Copy of the same was submitted along with the Compliance Report dated 20/11/2017 Diversion of Forest Land of 0.0071 hector has been obtained from MoEF & CC Dated 1st August 2016 bearing F.No.:9-HRB 028/2015-CHA
vii	The project proponent should inform the public that the project has been accorded EC by SEIAA and copies of the clearance letter are available with HSPCB & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent web site for public awareness. A copy of Environment Clearance conditions shall also be put on project proponent web site for public awareness.	Complied with. Copy of the newspaper advertisement was submitted along with the Compliance Report dated 20/11/2017
viii	Any appeal against this Environmental clearance shall lie with National Green Tribunal, if preferred, within a period of 30 days as prescribed under	Noted.

No.	Condition	Compliance status
	section 16 of the National Green Tribunal Act, 2010.	
ix	The project proponent shall put in place Corporate Environment Policy as mentioned in MOEF, GOI OM No J-11013/41/2006/-IA II (I) dated 26.4.2012 within 3 months period. Latest corporate environment policy should be submitted to SEIAA within 3 months of issuance of this letter.	Complied. Company has an HSE policy which was submitted along with the Compliance Report dated 20/11/2017
x	The fund ear marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA /RO MOEF GOI under rules prescribed for Environment Audit	Complied. Separate Budget is allocated to HSE department. Details of the same is enclosed as Annexure – 2.
xi	The project proponent shall obtain NOC under Aravali Notification from CEC of Hon'ble supreme court regarding coverage under Aravli notification before start of construction.	Complied. NOC under Aravalli Notification has been obtained. Copy of the same was submitted along with the Compliance Report dated 20/11/2017
xii	The project proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid 'Pollution Under Control certificate from competent authority.	Complied. PUC of the vehicles is being checked.

For Adani Logistics Ltd, Patli

(Shantanu Rathee)

Terminal Head



**HARYANA STATE POLLUTION CONTROL BOARD**  
**C-11, SECTOR-6, PANCHKULA**

*Website – www.hspcb.gov.in E-Mail - hspcb.pkl@sifymail.com*

*Telephone No. – 0172-2577870-73*

**No. HSPCB/Consent/ : 2821214GUSOCTE1245672**

**Dated:24/10/2014**

**To**

**M/s : ADANI LOGISTICS LTD**  
**VILLAGE PATLI TEHSIL FARRUKHNAGAR GURGAON**  
**GURGAON**  
**122001**

**Sub. : Issue of Consent to Establish from pollution angle .**

Please refer to your Consent to Establish application received in this office on the subject noted above. Under the Authority of the Haryana State Pollution Control Board vide its agenda Item No. 47.8 dated 28.04.83 sanction to the issue of “Consent to Establish” with respect to pollution control of Water and Air is hereby accorded to the unit ADANI LOGISTICS LTD, for manufacturing of **Warehouse** with the following terms and conditions:-

1. The industry has declared that the quantity of effluent shall be 15.22 KL/Day i.e 0KL/Day for Trade Effluent, 0 KL/Day for Cooling, 15.22 KL/Day for Domestic and the same should not exceed .
2. The above “Consent to Establish” is valid for 24 months from the date of its issue to be extended for another one year at the discretion of the Board or till the time the unit starts its trial production whichever is earlier. The unit will have to set up the plant and obtain consent during this period.
3. The officer/official of the Board shall have the right to access and inspection of the industry in connection with the various processes and the treatment facilities being provided simultaneously with the construction of building/machinery. The effluent should conform the effluent standards as applicable
4. That necessary arrangement shall be made by the industry for the control of Air Pollution before commissioning the plant. The emitted pollutants will meet the emission and other standards as laid/will be prescribed by the Board from time to time.
5. The applicant will obtain consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of the Air (Prevention & Control of Pollution) Act, 1981 as amended to-date-even before starting trial production
6. The above Consent to Establish is further subject to the conditions that the unit complies with all the laws/rules/decisions and competent directions of the Board/Government and its functionaries in all respects before commissioning of the operation and during its actual working strictly.
7. No in-process or post-process objectionable emission or the effluent will be allowed, if the scheme furnished by the unit turns out to be defective in any actual experience
8. The Electricity Department will give only temporary connection and permanent connection to the unit will be given after verifying the consent granted by the Board, both under Water Act and Air Act.
9. Unit will raise the stack height of DG Set/Boiler as per Board’s norms.
10. Unit will maintain proper logbook of Water meter/sub meter before/after commissioning.

11. That in the case of an industry or any other process the activity is located in an area approved and that in case the activity is sited in an residential or institutional or commercial or agricultural area, the necessary permission for siting such industry and process in an residential or institutional or commercial or agricultural area or controlled area under Town and Country Planning laws CLU or Municipal laws has to be obtained from the competent Authority in law permitting this deviation and be submitted in original with the request for consent to operate.
12. That there is no discharge directly or indirectly from the unit or the process into any interstate river or Yamuna River or River Ghaggar.
13. That the industry or the unit concerned is not sited within any prohibited distances according to the Environmental Laws and Rules, Notification, Orders and Policies of Central Pollution control Board and Haryana State Pollution Control Board.
14. That of the unit is discharging its sewage or trade effluent into the public sewer meant to receive trade effluent from industries etc. then the permission of the Competent Authority owing and operating such public sewer giving permission letter to his unit shall be submitted at time of consent to operate.
15. That if at any time, there is adverse report from any adjoining neighbor or any other aggrieved party or Municipal Committee or Zila Parishad or any other public body against the unit's pollution; the Consent to Establish so granted shall be revoked.
16. That all the financial dues required under the rules and policies of the Board have been deposited in full by the unit for this Consent to Establish.
17. In case of change of name from previous Consent to Establish granted, fresh Consent to Establish fee shall be levied.
18. Industry should adopt water conservation measures to ensure minimum consumption of water in their Process. Ground water based proposals of new industries should get clearance from Central Ground Water Authority for scientific development of previous resource.
19. That the unit will take all other clearances from concerned agencies, whenever required.
20. That the unit will not change its process without the prior permission of the Board.
21. That the Consent to Establish so granted will be invalid, if the unit falls in Aravali Area or non conforming area.
22. That the unit will comply with the Hazardous Waste Management Rules and will also make the non-leachate pit for storage of Hazardous waste and will undertake not to dispose off the same except for pit in their own premises or with the authorized disposal authority.
23. That the unit will submit an undertaking that it will comply with all the specific and general conditions as imposed in the above Consent to Establish within 30 days failing which Consent to Establish will be revoked.
24. That unit will obtain EIA from MoEF, if required at any stage.
25. In case of unit does not comply with the above conditions within the stipulated period, Consent to Establish will be revoked.

#### **Specific Conditions**

#### **Other Conditions :**



- 1.The unit will take trial consent to operate before the occupation of the project.
- 2.The unit will install the project only on the land for which Town and Country Planning Department has given licenece.
- 3.The unit will comply all the terms and conditions of the Environmental Clearance granted by the SEIAA, Haryana.
- 4.Unit will obtain prior NOC/Permission from central Ground Water Authority in case under ground water resource is used.
- 5.The unit will achieve Zero effluent Discharge as proposed by unit.
- 6.The NOC is valid only for such land within this project which is under ownership of project proponent and for which report regarding Aravali area has been issued by DC, Gurgaon.
- 7.The unit will install adequate acoustic enclosures/chambers on their DG SETS with proper stack height as per prescribed norms to meet the prescribed standards under EP Rules, 1986.
- 8.The unit will install the adequate sewage treatment plant to meet the standards prescribed under EP Rules 1986.
- 9.The NOC will become invalid in case the project is found violating the provisions of notification no. S.O.191(E) dt. 27.01.2010 issued by MoEF Government of India regarding Eco-sensitive Zone of Sultanpur National park.

*Senior Environmental Engineer II, HQ*

*For and on be'half of chairman*

*Haryana State Pollution Control Board*

*---It is system generated certificate no signature is required---*

## DIRECTORATE OF TOWN &amp; COUNTRY PLANNING, HARYANA

SECTOR-18, CHANDIGARH.

Tele-Fax: 0172-2548475; Tel.: 0172-2549851, E-mail: tcphry@gmail.com

Website www.tcpharyana.gov.in

Memo No. G-2006/JD(BS)/2011/ 9251

Dated:- 7-12-11

To

M/s Adani Logistics Ltd.  
(formally known as M/s Inland Conware Pvt. Ltd.)  
Adani House, Plot No. 83,  
Institutional Area, Sector-32,  
Gurgaon.

Where as M/s Adani Logistics Ltd. (formally known as M/s Inland Conware Pvt. Ltd.) has applied for the issue of an occupation certificate in respect of the buildings described below, I hereby grant permission for the occupation of the buildings after charging the composition charges amounting to ₹ 5,13,064/- for the variations vis-à-vis approved building plans subject to the following conditions:-

1. The building shall be used for the purposes for which the occupation certificate is being granted. Any violations of this condition shall render this occupation certificate null and void.
2. That you will be fully responsible with regard to fire safety measures.
3. That you shall be fully responsible to supply of water as per norms.
4. That you shall obtain the connection for disposal of sewerage and drainage from HUDA after laying the services to the point of external services on payment of prescribed fee and charges including the cost of such connection. You shall also maintain the internal services to the satisfaction of the Director General.
5. That you shall be solely responsible for disposal of sewerage and storm water of complex till such time these services are made available by HUDA/State Government as per their scheme.
6. That in case some additional structures are required to be constructed as decided by HUDA at later stage, the same will be binding upon you.
7. That you shall maintain roof top rain water harvesting system properly and keep it operational all the time.
8. That the outer facade of the buildings shall not be used for the purposes of advertisement and placement of hoardings.
9. That you shall neither erect nor allow the erection of any Communication and Transmission Tower on top of the building blocks.
10. That you shall use Compact Fluorescent Lamps (CFL) in the building as well as street lighting.

DESCRIPTION OF BUILDING

District : Gurgaon

Warehouse building (11323.03 sqm. covered area) in the CLU permission granted in the Revenue Estate of Village Patli, District Gurgaon.

(T.C. Gupta, IAS)

Director General, Town and Country Planning,  
Haryana, Chandigarh.

Endst. No. G-2006/JD(BS)/2011/

Dated:-

A Copy is forwarded to the following for information and necessary action.

1. Senior Town Planner, Gurgaon.
2. Superintending Engineer (HQ) HUDA, Panchkula.
3. District Town Planner, Gurgaon.
4. District Town Planner (E), Gurgaon.

(Jitender Sihag)

District Town Planner (HQ),  
For Director General, Town and Country Planning,  
Haryana, Chandigarh.

**From** Assistant Divisional Fire Officer/Fire Station Officer  
Municipal Corporation Gurugram

**To** **M/s** Adani Logistics Ltd  
Village Babra Bakipur and Pataudi Road, Gurugram

**Memo No. FS/2019/2452 dated : 28/09/2019**

**Subject: Renewal of No Objection Certificate Under 15 mtrs. height from the fire Safety Point of View of the Group H- Storage Building at Village Babra Bakipur and Pataudi Road, Gurugram Meas. 801909.12 Sq. Mt of M/s Adani Logistics Ltd. :**

Reference to you online No 050341923000067 dated 11/07/2019 on the subject cited above.

Tower Name	Floor Detail	Height	Ground Coverage
Tower-1	Ground	13.00 Mtr.	11323.03 Sq. Mt.
Tower-2	Ground	10.00 Mtr.	4005.56 Sq. Mt.
Tower-3	Ground	12.00 Mtr.	4339.016 Sq. Mt.
Tower-4	Ground	05.50 Mtr.	5367.69 Sq. Mt.
Basement Level	Basement Area	Remarks	
NIL	NIL	NIL	

Your site for the Renewal of the Fire NOC has been inspected by the Team of Fire Station Officers, **Municipal Corporation Gurugram** from fire safety Point of View. The means of escape and Fire Protection system were checked and found as per the National Building Code of India, Part- IV guidelines.

In view of the satisfactory fire protection system / arrangement mentioned as above, this office has no objection for occupation from the Fire Safety point of view, with the following conditions:-

- 1) The owner/occupier shall keep duly trained Fire Staff in all three shifts.
- 2) The Fire Protection System tested during inspection shall be maintained properly & always should be in good working condition.
- 3) If any lapse is found in the fire protection system at the time of inspection or detected during outbreak of fire, action will be taken as per rules against you.
- 4) You are directed to apply for Renewal of NOC in future before 2 month of expiry of your NOC.
- 5) The open set back area is not checked at our end as it shall be checked by concerned building department.
- 6) The owner/occupier shall strictly follow the other applicable rules/ regulations/ byelaws laid down regarding fire safety system. If you fail to comply with any of the above terms & conditions you will be liable to be punished as per fire ordinance 2009 specially chapter- III Section 31 Sub-Section 1 & 2 of Fire Act 2009.
- 7) You have to perform quarterly Fire Drill in your building as per NBC with intimation to Fire Department and video graphy evidence to be kept as a record which shall be produced at the time of next Renewal; Officials/Residents/R.W.A. should be mentioned in the drill.
- 8) If the Infringements of Byelaws remains un- noticed the Authority reserves the right to amend the NOC as and when any such Infringements comes to notice after giving an opportunity of being heard and the Authority shall stand Indemnified against any claim on this account.

The above Renewal of NOC is valid for **One** year from the date of issue of this letter Applying renewal of the same well in time shall be the responsibility of owner/occupier.

Remarks:- LR 36



ADFO

Municipal Corporation  
Gurugram

Exercising the power of Director, Fire Services, Haryana



# HARYANA STATE POLLUTION CONTROL BOARD

Haryana State Pollution Control Board, 3rd  
Floor, HSIIDC Office Complex, IMT Manesar,  
Gurugram

E-mail: hspcb.pkl@sify.com



No. HSPCB/Consent/ : 313116319GUSOCTO6832321

Dated:01/10/2019

To.

M/s :ADANI LOGISTICS LTD  
VILLAGE PATLI TEHSIL FARRUKHNAGAR GURGAON

Subject: Grant of consent to operate to M/s ADANI LOGISTICS LTD.

Please refer to your application no. 6832321 received on dated 2019-09-05 in regional office Gurgaon South. With reference to your above application for consent to operate, M/s ADANI LOGISTICS LTD is hereby granted consent as per following specification/Terms and conditions.

<b>Consent Under</b>	BOTH
<b>Period of consent</b>	01/10/2019 - 31/03/2022
<b>Industry Type</b>	Building and construction project having quantity of waste water generation 10 KLD to 100 KLD
<b>Category</b>	ORANGE
<b>Investment(In Lakh)</b>	34351.0898
<b>Total Land Area(Sq. meter)</b>	514217.4
<b>Total Builtup Area(Sq. meter)</b>	52100.12
<b>Quantity of effluent</b>	
1. Trade	0.0 KL/Day
2. Domestic	15.0 KL/Day
<b>Number of outlets</b>	1.0
<b>Mode of discharge</b>	
1. Domestic	Recycling/reusing
2. Trade	0
<b>Domestic Effluent Parameters</b>	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
4. pH	5.5-9.0
5. Oil & Grease	10 mg/l
<b>Trade Effluent Parameters</b>	
1. NA	
<b>Number of stacks</b>	1
<b>Height of stack</b>	

1. Stack attached to DG Sets	2.5 meter
<b>Emission parameters</b>	
1. NA	
<b>Product Details</b>	
1. Warehouse	1 Numbers/ day
<b>Capacity of boiler</b>	
1. N.A.	Ton/hr
<b>Type of Furnace</b>	
1. N.A.	
<b>Type of Fuel</b>	
1. Diesel	0.2 KL/day
<b>Raw Material Details</b>	
N.A.	Metric Tonnes/Day

*Regional Officer, Gurgaon South  
Haryana State Pollution Control Board.*

#### Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.
5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.
6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.
9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.

10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc.

11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.

12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.

13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.

14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.

15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.

16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

## **HARYANA STATE**

### **Specific Conditions :**

1. Unit will apply next CTO 90 days before expiry of the present CTO.
2. Unit will not change the process without prior permission of the Board.
3. Unit will submit Water Sample testing fees/ analysis report of effluent/air emission on yearly basis and will keep the parameter within prescribed norms.



***Regional Officer, Gurgaon South  
Haryana State Pollution Control Board.***





# Vardan EnviroLab

Laboratory: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302035 (Rajasthan)  
Corp. Off : Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)  
NABL Accredited | ISO 9001 | ISO 14001 | OHSAS 18001

## Test Report

Sample Number: VEL/ALL/AN/01  
Name & Address of Party: M/s Adani Logistics Ltd.  
Opp- Jhankar International school,  
Pataudi Road, Patli, Gurgaon, Haryana

Report No.: VEL/AN/1909/07/001  
Format No.: 5.10 F-01  
Party Reference No.: NIL  
Reporting Date: 11/09/2019  
Period of Analysis: 07/09/2019 to 11/09/2019  
Receipt Date: 07/09/2019

Sample Description: AMBIENT NOISE LEVEL MONITORING

### General Information:-

Sample collected by : Vardan EnviroLab Representative  
Sampling Location : Near Coil WH Area  
Instrument Used : Sound Level Meter  
Instrument Code : VEL/S/SLM/01  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 06/09/2019 - 07/09/2019  
Time of Monitoring : 06:00 AM to 06:00AM  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : No any  
Sampling & Analysis Protocol : IS-9989 R-2003  
Sampling Duration : 24 Hours  
Parameter Required : As per Work Order

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	L <sub>max</sub>	IS 9989 R-2003	68.1	60.5	dB(A)
2.	L <sub>min</sub>	IS 9989 R-2003	49.2	43.2	dB(A)
3.	L <sub>eq</sub>	IS 9989 R-2003	56.20	46.50	dB(A)
4.	CPCB Limits in dB(A) Leq (Industrial Area)	-	75.00	70.00	dB(A)

Note: \* A "decibel" is a unit in which noise is measured.

(Checked By)

ADILIN RAWAT  
(Checked By)

(Approved By)  
S. T. S. AM  
Authorised Signatory

NOTE: a) The results listed refer only to the tested samples & applicable parameters  
b) Total liabilities of our lab will be restricted to the Invoice amount only  
c) The sample will be destroyed after retention time unless otherwise specified  
d) This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law

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NABL Accredited | ISO 9001 | ISO 14001 | OHSAS 18001

## Test Report

Sample Number: VEL/ALL/AN/02  
Name & Address of Party: M/s Adani Logistics Ltd.  
Opp- Jhankar International school,  
Pataudi Road, Patli, Gurgaon, Haryana

Report No.: VEL/AN/1909/07/002  
Format No.: 5.10 F-01  
Party Reference No.: NIL  
Reporting Date: 11/09/2019  
Period of Analysis: 07/09/2019 to 11/09/2019  
Receipt Date: 07/09/2019

Sample Description: AMBIENT NOISE LEVEL MONITORING

### General Information:-

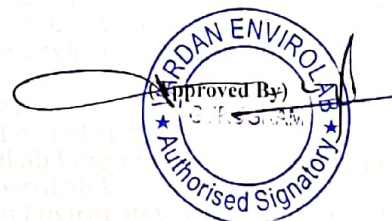
Sample collected by : Vardan EnviroLab Representative  
Sampling Location : Near Custom Bounded Area  
Instrument Used : Sound Level Meter  
Instrument Code : VEL/S/SLM/02  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 06/09/2019 - 07/09/2019  
Time of Monitoring : 06:00 AM to 06:00 AM  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : No any  
Sampling & Analysis Protocol : IS-9989 R-2003  
Sampling Duration : 24 Hours  
Parameter Required : As per Work Order

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	$L_{max}$	IS 9989 R-2003	76.2	59.3	dB(A)
2.	$L_{min}$	IS 9989 R-2003	51.6	48.6	dB(A)
3.	$L_{eq}$	IS 9989 R-2003	64.20	52.50	dB(A)
4.	CPCB Limits in dB(A) $L_{eq}$ (Industrial Area)	-	75.00	70.00	dB(A)

Note: \* A "decibel" is a unit in which noise is measured.

(Checked By)

APRIL RAWAT  
(Checked By)



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# Vardan EnviroLab

Laboratory: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302035 (Rajasthan)

Corp. Off : Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)

NABL Accredited | ISO 9001 | ISO 14001 | OHSAS 18001

## Test Report

Sample Number: VEL/ALL/AN/03  
Name & Address of Party: M/s Adani Logistics Ltd.  
Opp- Jhankar International school,  
Pataudi Road, Patli, Gurgaon, Haryana

Report No.: VEL/AN/1909/07/003  
Format No.: 5.10 F-01  
Party Reference No.: NIL  
Reporting Date: 11/09/2019  
Period of Analysis: 07/09/2019 to 11/09/2019  
Receipt Date: 07/09/2019

Sample Description: AMBIENT NOISE LEVEL MONITORING

### General Information:-

Sample collected by : Vardan EnviroLab Representative  
Sampling Location : Near Rail Yard  
Instrument Used : Sound Level Meter  
Instrument Code : VEL/S/SLM/03  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 06/09/2019 - 07/09/2019  
Time of Monitoring : 06:00 AM to 06:00 AM  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : No any  
Sampling & Analysis Protocol : IS-9989 R-2003  
Sampling Duration : 24 Hours  
Parameter Required : As per Work Order

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	$L_{max}$	IS 9989 R-2003	78.2	61.4	dB(A)
2.	$L_{min}$	IS 9989 R-2003	62.1	49.9	dB(A)
3.	$L_{eq}$	IS 9989 R-2003	69.50	50.20	dB(A)
4.	CPCB Limits in dB(A) $L_{eq}$ (Industrial Area)	-	75.00	70.00	dB(A)

Note: \* A "decibel" is a unit in which noise is measured.

Checked By: [Signature]

Checked By: [Signature]

Approved By: [Signature]  
Authorised Signatory

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Laboratory: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302035 (Rajasthan)

Corp. Off : Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)

NABL Accredited | ISO 9001 | ISO 14001 | OHSAS 18001

## Test Report

Sample Number: VEL/ALL/ST/01  
Name & Address of Party: M/s Adani Logistics Ltd.  
Opp- Jhankar International school,  
Pataudi Road, Patli, Gurgaon, Haryana.

Report No.: VEL/ST/1909/07/001  
Format No.: 5.10 F-01  
Party Reference No.: NIL  
Reporting Date: 11/09/2019  
Period of Analysis: 07/09/2019 to 11/09/2019  
Receipt Date: 07/09/2019

Sample Description: STACK EMISSION MONITORING

### General Information:-

Sample collected by	: Vardan Enviro Lab Representative
Date of Sampling	: 06/09/2019
Sampling Location	: DG Set Area
Sampling Duration (Minutes)	: 35.0
Stack Attached to	: D.G. Set No. 1( 320 KVA)
Make Of Stack	: Iron
Metrological Condition	: Clear Sky
Instrument Used	: Stack monitoring Kit
Control Measure	: ESP
Instrument Calibration Status	: Calibrated
Diameter of Stack	: 4 inch
Height Of Stack (m)	: 20 Feet
Ambient Temperature-Ta (°C)	: 34.00
Temperature of Stack Gases-Ts (°C)	: 132.0
Velocity of Stack Gases (m/sec.)	: 11.6
Flow rate of PM (LPM)	: 23.0
Flow rate of Gas (LPM)	: 2.0
Sampling Condition	: Isokinetic
Protocol Used	: IS :11255

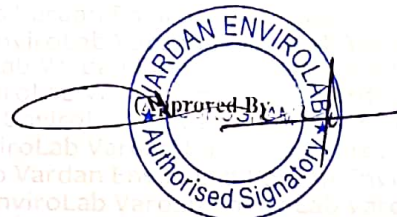
S. No.	Parameter	Protocol	Result	Unit	Limits (As Per CPCB)
1.	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method	0.071	gm/Kw-hr	≤0.2
2.	Nitrogen Dioxide (as NO <sub>2</sub> )	IS 11255 (P-7) Colorimetric Method	0.93	gm/Kw-hr	≤4.0
3.	Total Hydrocarbon as Methane	By Gas Chromatography Method	0.52	gm/Kw-hr	
4.	Carbon Monoxide (as CO)	*SOP No. VEL/SOP/01, Section No. SP 74	0.79	gm/Kw-hr	≤3.5

Note: # This parameter is not covered under our NABL Scope.

\* SOP -Laboratory Standard operating procedure.

Checked By

ADILIN RAWAT  
(Checked By)



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# Vardan EnviroLab

Laboratory: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302035 (Rajasthan)

Corp. Off : Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)

NABL Accredited | ISO 9001 | ISO 14001 | OHSAS 18001

## Test Report

Sample Number: VEL/ALL/ST/02  
Name & Address of Party: M/s Adani Logistics Ltd.  
Opp- Jhankar International school,  
Pataudi Road, Patli, Gurgaon, Haryana.

Report No.: VEL/ST/1909/07/002  
Format No.: 5.10 F-01  
Party Reference No.: NIL  
Reporting Date: 11/09/2019  
Period of Analysis: 07/09/2019 to 11/09/2019  
Receipt Date: 07/09/2019

Sample Description: STACK EMISSION MONITORING

### General Information:-

Sample collected by : Vardan Enviro Lab Representative  
Date of Sampling : 06/09/2019  
Sampling Location : DG Set Area  
Sampling Duration (Minutes) : 34.0  
Stack Attached to : D.G. Set No. 2( 320 KVA)  
Make Of Stack : Iron  
Metrological Condition : Clear Sky  
Instrument Used : Stack monitoring Kit  
Control Measure : ESP  
Instrument Calibration Status : Calibrated  
Diameter of Stack : 4 inch  
Height Of Stack (m) : 20 Feet  
Ambient Temperature-Ta (°C) : 34.0  
Temperature of Stack Gases-Ts (°C) : 168.0  
Velocity of Stack Gases (m/sec.) : 9.60  
Flow rate of PM (LPM) : 24.0  
Flow rate of Gas (LPM) : 2.0  
Sampling Condition : Isokinetic  
Protocol Used : IS :11255

S. No.	Parameter	Protocol	Result	Unit	Limits (As Per CPCB)
1.	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method	0.075	gm/Kw-hr	≤0.2
2.	Nitrogen Dioxide (as NO <sub>2</sub> )	IS 11255 (P-7) Colorimetric Method	1.05	gm/Kw-hr	≤4.0
3.	Total Hydrocarbon as Methane	By Gas Chromatography Method	0.61	gm/Kw-hr	≤3.5
4.	Carbon Monoxide (as CO)	*SOP No. VEL/SOP/01, Section No. SP 74	0.92	gm/Kw-hr	≤3.5

Note: # This parameter is not covered under our NABL Scope.

\* SOP -Laboratory Standard operating procedure.

Checked By: [Signature]

Checked By: [Signature]

Authorised Signatory: [Signature]

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Tel: 0124-4343750, 4343752, 4343753 | lab@vardanenvironet.com | bd@vardanenvironet.com



# Vardan EnviroLab

Laboratory: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302035 (Rajasthan)

Corp. Off : Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)

NABL Accredited | ISO 9001 | ISO 14001 | OHSAS 18001

## Test Report

Sample Number: VEL/ALL/ST/03  
Name & Address of Party: M/s Adani Logistics Ltd.  
Opp- Jhankar International school,  
Pataudi Road, Patli, Gurgaon, Haryana.

Report No.: VEL/ST/1909/07/003  
Format No.: 5.10 F-01  
Party Reference No.: NIL  
Reporting Date: 11/09/2019  
Period of Analysis: 07/09/2019 to 11/09/2019  
Receipt Date: 07/09/2019

Sample Description: STACK EMISSION MONITORING

### General Information:-

Sample collected by	: Vardan Enviro Lab Team
Date of Sampling	: 06/09/2019
Sampling Location	: DG Set Area
Sampling Duration (Minutes)	: 33.0
Stack Attached to	: D.G. Set No. 3 ( 160 KVA)
Make Of Stack	: Iron
Metrological Condition	: Clear Sky
Instrument Used	: Stack monitoring Kit
Control Measure	: ESP
Instrument Calibration Status	: Calibrated
Diameter of Stack	: 3 inch
Height Of Stack (m)	: 20 Feet
Ambient Temperature-Ta (°C)	: 34.0
Temperature of Stack Gases-Ts (°C)	: 139.0
Velocity of Stack Gases (m/sec.)	: 9.80
Flow rate of PM (LPM)	: 24.0
Flow rate of Gas (LPM)	: 2.0
Sampling Condition	: Isokinetic
Protocol Used	: IS :11255

S. No.	Parameter	Protocol	Result	Unit	Limits (As Per CPCB)
1.	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method	0.041	gm/Kw-hr	≤0.2
2.	Nitrogen Dioxide (as NO <sub>2</sub> )	IS 11255 (P-7) Colorimetric Method	0.98	gm/Kw-hr	≤4.0
3.	Total Hydrocarbon as Methane	By Gas Chromatography Method	0.46	gm/Kw-hr	
4.	Carbon Monoxide (as CO)	*SOP No. VEL/SOP/01, Section No. SP 74	0.63	gm/Kw-hr	≤3.5

Note: # This parameter is not covered under our NABL Scope.

\* SOP -Laboratory Standard operating procedure.

Checked By

Arjun Rawat  
(Checked By)

Approved By  
  
VARDAN ENVIROLAB  
Authorised Signatory

NOTE: a) The results listed refer only to the tested samples & applicable parameters  
b) Total liabilities of our lab will be restricted to the invoice amount only  
c) The sample will be destroyed after retention time unless otherwise specified  
d) This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law

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Tel: 0124-4343750, 4343752, 4343753 | lab@vardanenvironet.com | bd@vardanenvironet.com