



# NV INTERNATIONAL PRIVATE LIMITED

Village Badholi, Kalpi Road, Tehsil Naraingarh, Distt. Ambala, Haryana  
Tel. : 01734-269722 Fax : 01734-269726

Ref. No. NVIPL/2024-25/44

Date: 28.06.2024

To,

**The Director**  
**Ministry of Environment, Forests & Climate Change**  
Indra Paryawaran Bhawan, Aliganj  
Jorbagh Road, New Delhi - 110003

**Sub: Submission of Half yearly Compliance Report of Environment Clearance Conditions for 45 KLPD Grain based Distillery at Village Badhauri, Tehsil Naraingarh, District Ambala, Haryana by M/s NV International Private Limited.**

**Ref: EC letter no. J-11011/285/2010-IA II (I) dated 03.05.2012**

Dear Sir,

This is in reference to the subject and MoEF EC Letter No. cited above, we are herewith submitting the **Half yearly Compliance Report (October- 2023 to March- 2024)** of conditions stipulated in Environment Clearance letter issued by MoEF, New Delhi for 45 KLPD Grain based distillery at Village Badhauri, Tehsil Naraingarh, District Ambala, Haryana.

We hope that you will find the same in order. Kindly acknowledge the receipt.

Thanking you

Yours Faithfully  
**For NV International Private Limited**  
**For NV International Pvt. Ltd.**

  
Auth. Signatory

(Authorized Signatory)  
[nvplhr@nvgroup.co.in](mailto:nvplhr@nvgroup.co.in)

Encl: Half yearly Compliance Report (October- 2023 to March- 2024)

# Compliance Report

As per Condition Stipulated in

## Environmental Clearance

Letter no. J-11011/285/2010-IA II (I) dated 03.05.2012

***Compliance Period: October-2023 to March-2024***

**For 45 KLPD Grain Based Distillery Unit**



**NV International Private Limited, Village Badholi  
Tehsil Naraingarh, District Ambala (Haryana)**

Compliance of the conditions of the Environmental Clearance for the 45 KLPD grain based distillery unit located at village Badholi, Tehsil Naraingarh, District- Ambala (Haryana), installed by M/S NV International Private Ltd., 10<sup>th</sup> floor Vandana Building, Tolstoy Marg, New Delhi- 110001

**Period of Compliance: Oct-2023 to March-2024.**

<b>S. No.</b>	<b>Specific Condition</b>	<b>Compliance</b>
<b>1.</b>	Environment clearance accorded is for grain based distillery unit (45KLPD) only and no molasses based distillery unit shall be operated without prior permission from the Ministry.	NVIPL Distillery Plant is designed and running on grain based only. NVIPL has no plan to run on molasses in future.  Environmental clearance and CTO for both, Air & Water are attached as <b>Annexure-01</b>
<b>2.</b>	Efforts shall be made to reduce PM <sub>10</sub> levels in the ambient air and a time bound action plan shall be submitted. Bag filter along with stack of adequate height shall be provided to coal/rice husk fired boiler to control particulate emission with in 100mg/Nm <sup>3</sup> . Wet scrubber shall be provide to boiler if pet coke is used as fuel. At no time, the emission levels should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.	NVIPL has installed Electrostatic Precipitator with output emission within 70 mg/Nm <sup>3</sup> .  Online monitoring system installed for regular monitoring and norms are maintained accordingly. Parameters are displayed at HSPCB/CPCB website and parameters are also Displayed at NVIPL Main gate. Photographs of Boiler, ESP & Online Monitoring system is attached as <b>Annexure-02</b>
<b>3.</b>	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 <sup>th</sup> November, 2009 shall be followed.	Followed. IDMA Test Report attached as <b>Annexure-03</b>
<b>4.</b>	In plant, control measures for checking fugitive emission from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi-cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emission. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records shall be maintained. The emissions shall conform to the limits imposed by Haryana State pollution Control Board (HSPCB).	Agreed, all the necessary arrangements are made for the same. The emissions conform to the limits imposed by Haryana State pollution Control Board (HSPCB). Test report is attached as <b>Annexure-03</b> .

5.	Pucca approach road to project site shall be constructed prior to commencing construction activity of the main distillery so as to avoid fugitive emissions.	Pucca roads are maintained and tree plantation also done along the road. Photographs attached as <b>Annexure-04</b>
6.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	DG set with acoustic enclosures is installed with proper stack height and is meeting CPCB Norms. Test report is attached as <b>Annexure-03</b> & Photographs attached as <b>Annexure-05</b>
7.	The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the HSPCB. The levels of PM10, SO2, NOx, Co and HC (Methane) in ambient air shall be monitored and displayed at a convenient near the main gate of the company and at important public places.	As per the guideline of CPCB/ HSPCB online monitoring system installed by NVIPL and can be accessed through website. Compliance report is sent to HSPCB, CPCB, MoEF on Half yearly basis. Parameters are also displayed at NVIPL Distillery main gate. <b>Photographs attached as Annexure- 02.</b>
8.	Total fresh water requirement from ground water shall not exceed 10KL/KL of alcohol (i.e. 450m <sup>3</sup> /day) for distillery and 180m <sup>3</sup> /day for cogeneration unit (4.0MW) and prior permission for drawl of water shall be obtained from the Central Ground Water Authority/State Ground Water Board. A copy of permission shall be submitted to the Ministry's Regional Office of Chandigarh.	The industry has obtained permission for ground water extraction from HWRA, NOC No. HWRA/NOC/IND/N/2023/1204, valid upto 31.03.2024 and renewal of NOC is also in progress. Copy of the same enclosed as <b>Annexure-06.</b>
9.	Efforts shall be made to reduce the fresh water requirement from ground water sources by adopting 3 R's (Reduce, Reuse and Recycle) concept.	NVIPL Distillery is having latest technology and machinery for reducing the requirement of fresh water and we are committed for continuously reducing the fresh water consumption.
10.	Spent wash generation shall not exceed 6 KI/KI of alcohol production (i.e 270 KLPD). Spent wash shall be passed through decanter and concentrated in multi effect evaporator. Thick syrup and wet cake shall be mixed together to form DWGS to achieve zero discharge. Condensate, spent lees and utilities waste water shall be treated in ETP and water quality of treated effluent shall meet the norms prescribed by CPCB/HSPCB and treated effluent shall be recycled/reused within the factory premises	Distillery has installed Reboiler, decanter, Multi effect evaporation, ETP & RO plant and has Zero liquid discharge ( <b>ZLD</b> ).

11.	No effluent from distillery and co-generation power plant shall be discharged outside the factory premises and 'Zero' effluent discharges concept shall be adopted.	Distillery has adopted the integrated system for zero Liquid discharge.
12.	Process effluent/any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Yes, Agreed.
13.	Spent wash shall be stored in impervious lagoon with HDPE lining as per CPCB guidelines and shall be kept in proper condition to prevent ground water pollution. Storage capacity of spent wash lagoon shall be for 5 days.	NVIPL has constructed one lagoon for spent wash, as per CPCB guideline. Photo attached as <b>Annexure- 07</b> .
14.	Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to SPCB and this Ministry. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office at Chandigarh and HSPCB.	NVIPL has constructed 03 piezometers within in the project area. We have also installed AWLR with telemetry on two piezometer as per latest CGWA guideline.  Ground water level data can be assessed by logging to <a href="http://35.200.247.132/webdata">http://35.200.247.132/webdata</a> Photo attached as <b>Annexure- 08</b>
15.	The concentrated thin slop should be mixed with wet cake which should be sold as cattle feed directly. No storage of wet cake shall be done at site to avoid odour problem. An additional dryer shall be installed so that at any time wet cake is not sold then wet cake shall be converted into dry cake by operating additional dryer.	Concentrated thin slop is mixed with wet cake and sold as animal feed supplement (Cattle Feed). Distillery doesn't have provision for storage of Cattle Feed. Details attached as <b>Annexure-09</b>
16.	Rice husk/coal/pet coke storage shall be done in such a way that it does not get air borne or fly around due to wind. For this, it shall be kept in wet from.	Proper Shed arrangement for storage of Rice Husk & coal made at NVIPL. Photo attached as <b>Annexure- 10</b>
17.	Boiler ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & shall be avoided.	Ash handling system is installed as <b>Annexure- 11</b>

18.	Fire fighting system shall be as per norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for fire fighting shall be made to control fire from the alcohol storage tank.	Fire – fighting equipment's installed at all the sections and foam monitoring system along with condenser provided. <b>Annexure- 12</b>
19.	Risk Assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional Office at Chandigarh within six months.	Agreed.
20.	Occupational health surveillance program shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health center shall be strengthened and the regular medical test records of each employee shall be maintained separately.	Regular medical check-ups of all the employees are done. We have a first-aid clinic with trained staff which is open round the clock on all days.
21.	Dedicated parking facility for loading and unloading of material shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.	Proper arrangements are made for parking/ movement and management of vehicle at Site. <b>Annexure- 13</b>
22.	As proposed, green belt shall be developed in 0.84 ha out of total land 2.8 ha. And plantation shall be done as per the CPCB guidelines in consultation with DFO. Thick green belt with suitable plant species shall be developed around the proposed distilleries to mitigate the odour problem.	Green belt area is developed. Industry has planted Neem, babool, mango, guava , Litchi , eucalyptus popular and saplings planted. Nursery is also prepared in Distillery for future plantation. <b>Annexure- 14</b>
23.	All the commitment made regarding issues raised during the public hearing/ consultation meeting held on 30 <sup>th</sup> June, 2011 shall be satisfactorily implemented.	Agreed.
24.	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	Construction work completed.

<b>B.</b>	<b>General Conditions:</b>	
<b>1.</b>	The project authorities shall strictly adhere to the stipulations made by the Haryana State Pollution Control Board.	Agreed.
<b>2.</b>	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed.
<b>3.</b>	The locations of ambient air quality monitoring stations shall be decided in consultation with the Haryana State Pollution Control Board (HSPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Location for Ambient air quality monitoring station is identified as per the wind direction. Test report of AAQMS attached as <b>Annexure-03</b> and photographs as <b>Annexure-15</b>
<b>4.</b>	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Noise level is within the limits. Test report attached as <b>Annexure-03</b> .
<b>5.</b>	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from HSPCB shall be obtained for disposal of solid/ hazardous waste including boiler ash.	Plant has authorization from HSPCB for HoWM, valid upto 30.09.2025. Copy attached as <b>Annexure- 16</b> .
<b>6.</b>	During transfer of materials, spillages shall be avoided and gullies and drains be constructed to avoid mixing of accidental spillages with wastewater and storm waste drains.	Provision made for avoiding any mixing of accidental spillage with wastewater.

7.	Usage of Personnel Protection Equipment by all employees/workers shall be ensured.	PPE is provided to all the employees and regular training is given to all the employees on usage of PPE and safety procedures. Photo of training attached as <b>Annexure 17</b>
8.	Training shall be imparted to all employees on health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Regular training is being given to employees on handling of chemicals and safety aspect. <b>Annexure 17</b>
9.	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Agreed.
10.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Agreed
11.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	<b>NVIPL</b> has an environmental management cell with well-equipped lab that monitors the impact on environment and safeguards the environment. <b>Annexure- 18</b>
12.	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	Done
13.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations. If any, were received while processing the proposal.	Done
14.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance	Agreed



	conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Haryana State Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	
15.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated shall be submitted to the Haryana State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Chandigarh Regional Offices of MoEF by e-mail.	Agreed
16.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . this shall 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 and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Done.
17.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Agreed

**Annexure-1**

**F. No. J-11011/285/2010- IA II (I)  
Government of India  
Ministry of Environment and Forests  
(I.A. Division)**

**Paryavaran Bhawan  
CGO Complex, Lodhi Road  
New Delhi - 110 003**

**E-mail : [lk.bokolia@nic.in](mailto:lk.bokolia@nic.in)  
Telefax : 011: 2436 6017  
Dated 3<sup>rd</sup> May, 2012**

To,  
Shri Sameer Goyal  
Managing Director  
M/s N V International Pvt.Ltd.  
10<sup>th</sup> Floor, 11 Tolstoy Marg  
New Delhi-110001

E-mail : [sameergoyal@nvggroup.co.in](mailto:sameergoyal@nvggroup.co.in); [imenviron@hotmail.com](mailto:imenviron@hotmail.com); Fax No. : 011-3107000.

**Subject: Grain based Distillery (45 KLPD) and CPP (4 MW) at Village Badhauli, Tehsil Naraingarh, District Ambala, Haryana by M/s N V International Private Limited- Environmental Clearance reg.**

**Ref. : Your letter no. nil dated 11<sup>th</sup> August, 2011.**

Sir,

Kindly refer your letter dated 11<sup>th</sup> August, 2011 alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report alongwith Public Hearing Report and subsequent submission of additional information vide letter dated 6<sup>th</sup> December, 2011 regarding above mentioned project.

2.0 The Ministry of Environment and Forests has examined the application. It is noted that proposal is for setting up of grain based distillery (45 KLPD) and CPP (4 MW) at village Badhauli, tehsil Naraingarh, district Ambala, Haryana by M/s N V International Private Limited. Total plot area is 2.8 ha (6.9 acres). Benga River, Amri River and Markanda River are flowing at 0.167 Km, 7.5 Km and 11.6 Km respectively. Total project cost is Rs. 75.00 Crores. No national park/wildlife sanctuary/biosphere reserves is located within 10 km. Jhadsala protected forest is located within 10 km. Punjab state boundary is located at 9.0 Km. No. of working days of distillery will be 330 days.

3.0 Bag filter alongwith stack of adequate height will be provided to coal/rice husk fired boiler. Wet scrubber will be provided to boiler, if pet coke is used as fuel. Total fresh water requirement from ground water source will be 450 m<sup>3</sup>/day for distillery and 180 m<sup>3</sup>/day for cogeneration unit (4.0 MW). Spent wash generation will be 270 m<sup>3</sup>/day. Spent wash will be passed through decanter and concentrated in multi-effect evaporator (MEE). Thick syrup and wet cake will be mixed together to form Distiller's Wet Grains with Soluble (DWGS) to achieve zero discharge. Spentlees and utilities wastewater will be treated in effluent treatment plant (ETP). No effluent will be discharged outside the factory premises and 'Zero' effluent discharge concept will be implemented. Storage capacity for spent wash lagoon will be 5 days. DWGS will be sold as cattle feed. Boiler ash will be sold to the brick manufacturers.

4.0 Public hearing/public consultation meeting was conducted on 30<sup>th</sup> June, 2011.



5.0 All cane juice/non-molasses based distillery (>30 KLD) are listed at S.N. 5(g) (ii) under category 'A' and appraised at Central level.

6.0 The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 14<sup>th</sup> and 30<sup>th</sup> meetings held during 18<sup>th</sup>-17<sup>th</sup> September, 2010 and 15<sup>th</sup>-16<sup>th</sup> December, 2011 respectively. The Committee recommended the proposal for environmental clearance.

7.0 Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September 2006, subject to the compliance of the following Specific and General Conditions:

**A. SPECIFIC CONDITIONS:**

- i) Environment clearance accorded is for grain based distillery unit (45 KLPD) only and no molasses based distillery unit shall be operated without prior permission from the Ministry.
- ii) Efforts shall be made to reduce PM<sub>10</sub> levels in the ambient air and a time bound action plan shall be submitted. Bag filter alongwith stack of adequate height shall be provided to coal/rice husk fired boiler to control particulate emission within 100 mg/Nm<sup>3</sup>. Wet scrubber shall be provided to boiler if pet coke is used as fuel. At no time, the emission levels should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- iii) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be followed.
- iv) In plant, control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi-cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records shall be maintained. The emissions shall conform to the limits imposed by Haryana State Pollution Control Board (HSPCB).
- v) Pucca approach road to project site shall be constructed prior to commencing construction activity of the main distillery so as to avoid fugitive emissions.
- vi) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.
- vii) The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the HSPCB. The levels of PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, CO and HC (Methane) in ambient air shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.

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- viii) Total fresh water requirement from ground water shall not exceed 10 KL/KL of alcohol (i.e. 450 m<sup>3</sup>/day) for distillery and 180 m<sup>3</sup>/day for cogeneration unit (4.0 MW) and prior permission for drawl of water shall be obtained from the Central Ground Water Authority/State Ground Water Board. A copy of permission shall be submitted to the Ministry's Regional Office at Chandigarh.
- ix) Efforts shall be made to reduce the fresh water requirement from ground water source by adopting 3 R's (Reduce, Reuse and Recycle) concept.
- x) Spent wash generation shall not exceed 6 KI/KI of alcohol production (i.e. 270 KLPD). Spent wash shall be passed through decanter and concentrated in Multi-effect evaporator. Thick syrup and wet cake shall be mixed together to form DWGS to achieve zero discharge. Condensate, spentlees and utilities wastewater shall be treated in ETP and water quality of treated effluent shall meet the norms prescribed by CPCB/HSPCB and treated effluent shall be recycled/ reused within the factory premises.
- xi) No effluent from distillery and co-generation power plant shall be discharged outside the factory premises and 'Zero' effluent discharge concept shall be adopted.
- xii) Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
- xiii) Spent wash shall be stored in impervious lagoon with HDPE lining as per CPCB guidelines and shall be kept in proper condition to prevent ground water pollution. Storage capacity of spent wash lagoon shall be for 5 days.
- xiv) Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to SPCB and this Ministry. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office at Chandigarh and HSPCB.
- xv) The concentrated thin slop should be mixed with wet cake which should be sold as cattle feed directly. No storage of wet cake shall be done at site to avoid odour problem. An additional dryer shall be installed so that at any time wet cake is not sold then wet cake shall be converted into dry cake by operating additional dryer.
- xvi) Rice husk/coal/pet coke storage shall be done in such a way that it does not get air borne or fly around due to wind. For this, it shall be kept in wet form.
- xvii) Boiler ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing alongwith the storm water. Direct exposure of workers to fly ash & dust shall be avoided.
- xviii) Fire fighting system shall be as per norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for fire fighting shall be made to control fire from the alcohol storage tank.
- xix) Risk Assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional Office at Chandigarh within six months.



- xx) Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre shall be strengthened and the regular medical test records of each employee shall be maintained separately.
- xxi) Dedicated parking facility for loading and unloading of material shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.
- xxii) As proposed, green belt shall be developed in 0.84 ha out of total land 2.8 ha. and plantation shall be done as per the CPCB guidelines in consultation with DFO. Thick greenbelt with suitable plant species shall be developed around the proposed distillery to mitigate the odour problem.
- xxiii) All the commitment made regarding issues raised during the public hearing/ consultation meeting held on 30<sup>th</sup> June, 2011 shall be satisfactorily implemented.
- xxiv) Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.

**B. GENERAL CONDITIONS:**

- i. The project authorities shall strictly adhere to the stipulations made by the Haryana State Pollution Control Board.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iii. The locations of ambient air quality monitoring stations shall be decided in consultation with the Haryana State Pollution Control Board (HSPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- iv. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- v. The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.
- vi. The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and



Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from HSPCB shall be obtained for disposal of solid / hazardous waste including boiler ash.

- vii. During transfer of materials, spillages shall be avoided and gulland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.
- viii. Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.
- ix. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- x. The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.
- xi. The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.
- xii. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- xiii. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xiv. The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- xv. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.
- xvi. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Haryana State Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- xvii. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted to the Haryana State Pollution Control



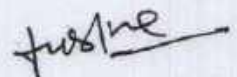
Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Chandigarh Regional Offices of MoEF by e-mail.

- xviii. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://envfor.nic.in>. This shall 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 and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- xix. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

8.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.


9.0 The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

10.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

  
(Lalit Bokolia)  
Joint Director

Copy to :-

1. The Principal Secretary, Environment Department, Government of Haryana, SCO 1-2-3, Sector 17-D (2nd Floor), Chandigarh.
2. The Chief Conservator of Forests (Central), Regional Office (Northern Zone), Bay No.24-25, Sector 31-A, Dakshim Marg, Chandigarh-160030.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula.
5. Joint Secretary, IA Division, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File/Monitoring File/Record File.

  
(Lalit Bokolia)  
Joint Director

## Annexure-1



# HARYANA STATE POLLUTION CONTROL BOARD

Near the Orion Banquet, Naraingarh Road,  
Baldev Nagar, Ambala. Email:-

[hspcbroamb@gmail.com](mailto:hspcbroamb@gmail.com)

E-mail: [hspcb@hry.nic.in](mailto:hspcb@hry.nic.in)



No. HSPCB/Consent/ : 313106520AMBCTO7820519

Dated:11/08/2020

To.

M/s :N.V.International Pvt. Ltd.,  
Village Badholi, Tehsil Naraingarh, District Ambala

Subject: Grant of consent to operate to M/s N.V.International Pvt. Ltd.,.

Please refer to your application no. 7820519 received on dated 2020-08-10 in regional office Ambala. With reference to your above application for consent to operate, M/s N.V.International Pvt. Ltd., is here by granted consent as per following specification/Terms and conditions.

<b>Consent Under</b>	BOTH
<b>Period of consent</b>	01/10/2020 - 30/09/2025
<b>Industry Type</b>	Distillery ( molasses / grain / yeast based)
<b>Category</b>	RED
<b>Investment(In Lakh)</b>	25788.0703
<b>Total Land Area(Sq. meter)</b>	60375.0
<b>Total Builtup Area(Sq. meter)</b>	15000.0
<b>Quantity of effluent</b>	
1. Trade	350.0 KL/Day
2. Domestic	20.0 KL/Day
<b>Number of outlets</b>	2.0
<b>Mode of discharge</b>	
1. Domestic	for irrigation
2. Trade	Recycle/ reuse in process
<b>Domestic Effluent Parameters</b>	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
<b>Trade Effluent Parameters</b>	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
<b>Number of stacks</b>	1
<b>Height of stack</b>	
1. Stack	52 m



Emission parameters	
1. SPM	150 mg/m <sup>3</sup>
Product Details	
1. Extra Neutral Alcohol Rectified Spirit	45 Metric Tonnes/day
Capacity of boiler	
1. Boiler	35 Ton/hr
Type of Furnace	
1. NA	
Type of Fuel	
1. Rice husk and coal	215 Ton/day
Raw Material Details	
Enzyme	0.1 Metric Tonnes/Day
Yeast	0.027 Metric Tonnes/Day
Grain	104 Metric Tonnes/Day

NITIN  
MEHTA

Regional Officer, Ambala

Haryana State Pollution Control Board.

## HARYANA STATE

### 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 operate ZLD regularly and not discharge any trade effluent outside the premises of the unit.

2. Unit will maintain flow meter and web camera installed at the outlet. 3. Unit will maintain continuous effluent monitoring system and APCM. 4. Unit will comply with all the terms and conditions of CTO.

5. Unit will comply with all the directions of HSPCB/CPCB/Hon'ble NGT/MOEF&CC.

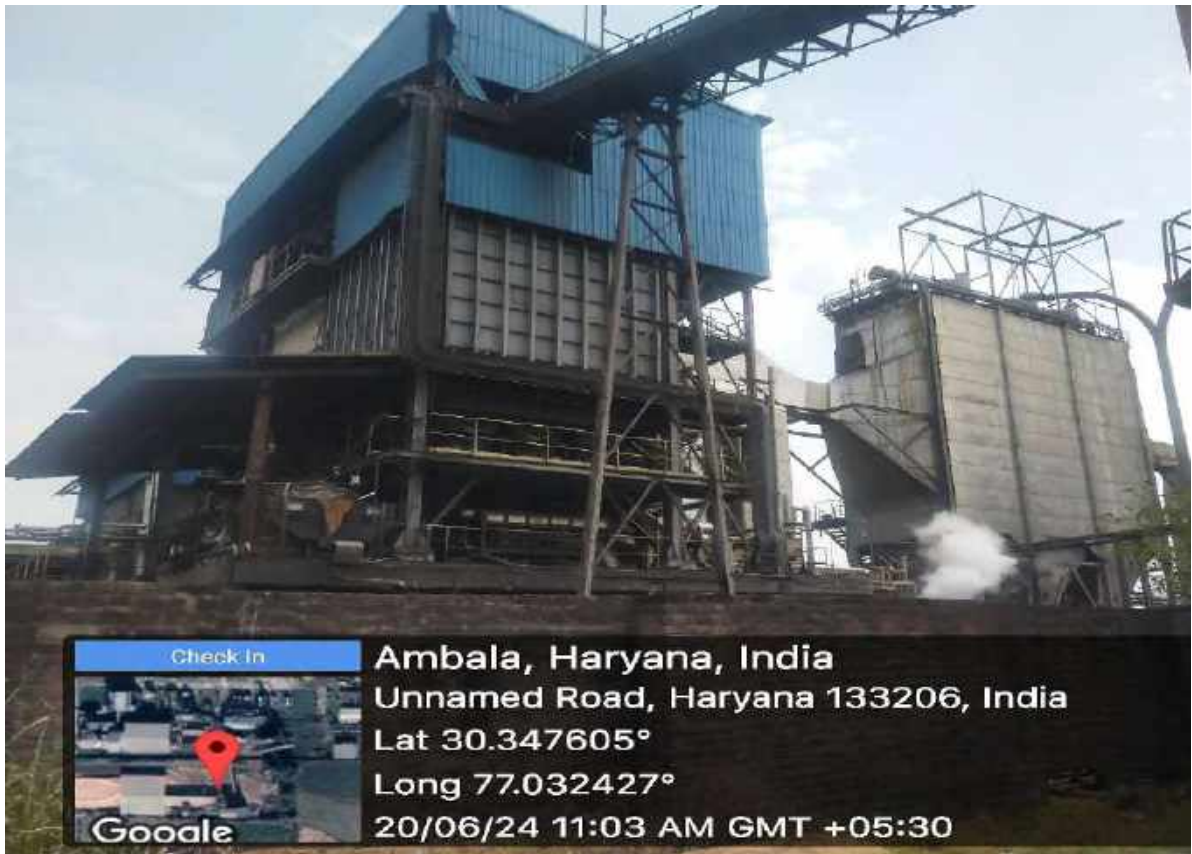
6. In case, any violations found at any stage, then this CTO shall be revoked without giving any SCN and action will be initiated as per policy of the Board.

***Regional Officer, Ambala  
Haryana State Pollution Control Board.***



## Annexure-2

### NVIPL Photographs Boiler & ESP



## NVIPL Photograph Online Monitoring & Main Gate Display Board







### Annexure- 3

# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-077		Page No. 1/1	
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana			
Type of Sample#	Ambient Air			
Customer's Description of Sample#	Ambient Air			
Quantity#	1 No			
Packing, Markings#	Filter Paper Packed in Polythene Pouch			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	33201317	Dated	21/03/2024	
Date of Receipt of Sample	26/03/2024			
Period of Analysis	26/03/2024 To 02/04/2024			
Sampling Team	Idma Representative Team	Client	Dr. Anil Nain	
Sampling Location#	Near ETP			
Visual Observation	N/A			
Date of Sampling	23/03/2024			
Date of Reporting	02/04/2024			
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013			
Testing Protocol	NAAQS			

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION )	-	-	-	-
1	PM10	µg/m <sup>3</sup>	82.6	Max. 100	NAAQMS/36/2012-13(Gravimetric method)
2	SO2	µg/m <sup>3</sup>	16.7	Max. 80	NAAQMS/36/2012-13(Improved West & Gaeke method)
3	NO2	µg/m <sup>3</sup>	18.4	Max. 80	NAAQMS/36/2012-13(Modified Jacob & Hochheiser method)
4	PM2.5	µg/m <sup>3</sup>	40.8	Max. 60	NAAQMS/36/2012-13(Gravimetric method)
5	CO	mg/m <sup>3</sup>	0.53	Max. 2	NAAQMS/36/2012-13

# Represents details provided by the customer.

**\*\*End of Report\*\***

Renu  
21/4/24



Authorised signatory



### Idma Laboratories Limited

Idma Corporate Park,

391, Industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

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# Idma Laboratories Limited

## TEST REPORT

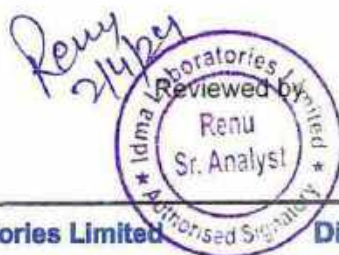
Lab No.	260324N-E-078		Page No. 1/1
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	1 No		
Packing, Markings#	Filter Paper Packed in Polythene Pouch		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	33201317	Dated	21/03/2024
Date of Receipt of Sample	26/03/2024		
Period of Analysis	26/03/2024 To 02/04/2024		
Sampling Team	Idma Representative Team	Client	Dr. Anil Nain
Sampling Location#	Near Weighing Bridge		
Visual Observation	N/A		
Date of Sampling	23/03/2024		
Date of Reporting	02/04/2024		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION )	-	-	-	-
1	PM10	µg/m <sup>3</sup>	79.2	Max. 100	NAAQMS/36/2012-13(Gravimetric method)
2	SO2	µg/m <sup>3</sup>	14.7	Max. 80	NAAQMS/36/2012-13(Improved West & Gaeke method)
3	NO2	µg/m <sup>3</sup>	18.2	Max. 80	NAAQMS/36/2012-13(Modified Jacob & Hochheiser method)
4	PM2.5	µg/m <sup>3</sup>	35.4	Max. 60	NAAQMS/36/2012-13(Gravimetric method)
5	CO	mg/m <sup>3</sup>	0.50	Max. 2	NAAQMS/36/2012-13

# Represents details provided by the customer.

\*\*End of Report\*\*



Authorised signatory



**Idma Laboratories Limited**

### Disclaimer :

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391, industrial Area, Phase - 1,  
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Haryana (India)  
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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-081		Page No. 1/1	
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana			
Type of Sample#	NOISE LEVEL (AMBIENT)			
Customer's Description of Sample#	NOISE LEVEL (AMBIENT)			
Quantity#	1 No			
Packing, Markings#	Instrument at Site			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	33201317	Dated	21/03/2024	
Date of Receipt of Sample	26/03/2024			
Period of Analysis	26/03/2024 To 02/04/2024			
Sampling Team	Idma Representative Team	Client	Dr. Anil Nain	
Sampling Location#	General Store			
Visual Observation	N/A			
Date of Sampling	23/03/2024			
Date of Reporting	02/04/2024			
Sampling Protocol	CPCB PROTOCOL:2015			
Testing Protocol	EPA/CPCB			

## RESULTS

S.No.	Test Parameter	Units	Results	Limits	Test Method
	CHEMICAL DISCIPLINE (Noise Levels)	-	-	-	-
1	Lday	dB(A)	70.5	Max 75	EPA Guideline Manual July 2008
2	LNight	dB(A)	61.7	Max 70	EPA Guideline Manual July 2008

# Represents details provided by the customer.

\*\*End of Report\*\*

Reviewed by

Authorised Signatory

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Idma Corporate Park,

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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-080		Page No. 1/1	
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana			
Type of Sample#	NOISE LEVEL (AMBIENT)			
Customer's Description of Sample#	NOISE LEVEL (AMBIENT)			
Quantity#	1 No			
Packing, Markings#	Instrument at Site			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	33201317	Dated	21/03/2024	
Date of Receipt of Sample	26/03/2024			
Period of Analysis	26/03/2024 To 02/04/2024			
Sampling Team	Idma Representative Team	Client	Dr. Anil Nain	
Sampling Location#	Near Weighing Bridge			
Visual Observation	N/A			
Date of Sampling	23/03/2024			
Date of Reporting	02/04/2024			
Sampling Protocol	CPCB PROTOCOL:2015			
Testing Protocol	EPA/CPCB			

## RESULTS

S.No.	Test Parameter	Units	Results	Limits	Test Method
	CHEMICAL DISCIPLINE (Noise Levels)	-	-	-	-
1	Lday	dB(A)	72.4	Max 75	EPA Guideline Manual July 2008
2	LNight	dB(A)	64.5	Max 70	EPA Guideline Manual July 2008

# Represents details provided by the customer.

\*\*End of Report\*\*

Renu  
24/4/24



Authorized signature



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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-079		Page No. 1/1
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana		
Type of Sample#	NOISE LEVEL (AMBIENT)		
Customer's Description of Sample#	NOISE LEVEL (AMBIENT)		
Quantity#	1 No		
Packing, Markings#	Instrument at Site		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	33201317	Dated	21/03/2024
Date of Receipt of Sample	26/03/2024		
Period of Analysis	26/03/2024 To 02/04/2024		
Sampling Team	Idma Representative Team	Client	Dr. Anil Nain
Sampling Location#	Near ETP		
Visual Observation	N/A		
Date of Sampling	23/03/2024		
Date of Reporting	02/04/2024		
Sampling Protocol	CPCB PROTOCOL:2015		
Testing Protocol	EPA/CPCB		

## RESULTS

S.No.	Test Parameter	Units	Results	Limits	Test Method
	CHEMICAL DISCIPLINE (Noise Levels)	-	-	-	-
1	Lday	dB(A)	70.6	Max 75	EPA Guideline Manual July 2008
2	LNight	dB(A)	61.4	Max 70	EPA Guideline Manual July 2008

# Represents details provided by the customer.

**\*\*End of Report\*\***



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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-093		Page No. 1/2	
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana			
Type of Sample#	Stack Emission (Boiler)			
Customer's Description of Sample#	Stack Emission (Boiler)			
Quantity#	1 No			
Packing, Markings#	Thimble Packed in Polythene Pouch			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	33201317	Dated	21/03/2024	
Date of Receipt of Sample	26/03/2024			
Period of Analysis	26/03/2024 To 30/03/2024			
Sampling Team	Idma Representative Team	Client	Dr. Anil Nain	
Sampling Location#	Boiler 35 Ton			
Visual Observation	N/A			
Stack Process	N/A			
Date of Sampling	24/03/2024			
Sampling Time	N/A			
Date of Reporting	30/03/2024			
Sampling Protocol	LATS/80/2013-14 USEPA:2013			
Testing Protocol	CPCB			

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION)	-	-	-	-
1	STACK MONITORING:	-	-	-	-
	GENERAL INFORMATIONS:	-	-	-	-
2	Stack Height	Meters	52.0	-	-
3	Stack Diameter	Meters	2.5	-	-
4	Ambient Temperature	°C	23	-	-
5	Stack Temperature	°C	163	-	-



Authorised signatory



**Idma Laboratories Limited**

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

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# Idma Laboratories Limited

## TEST REPORT

Lab No.		260324N-E-093				Page No. 2/2
S.No.	Test Parameter	Units	Results	Specifications	Test Method	
6	Velocity	m/s	10.0	-	-	
7	Type of Fuel	-	Husk & Coal	-	-	
8	Sampling Flow rate	LPM	29	-	-	
9	Sampling Time	Minutes	26	-	-	
10	Volumetric Flow rate	Nm <sup>3</sup> /hr	119910.5	-	-	
	PARAMETERS:	-	-	-	-	
11	PM	mg /Nm <sup>3</sup>	60.8	Max. 150	USEPA Method 5	
12	CO	mg /Nm <sup>3</sup>	19.3	-	USEPA Method 10,10A	
13	NOx	mg /Nm <sup>3</sup>	41.1	-	USEPA Method 7E	
14	SO <sub>2</sub>	mg /Nm <sup>3</sup>	33.9	-	USEPA Method 6C	
15	Total Hydro Carbons	mg/Nm <sup>3</sup>	<1	-	USEPA Method 25A	

# Represents details provided by the customer.

\*\*End of Report\*\*



### Idma Laboratories Limited

Idma Corporate Park,

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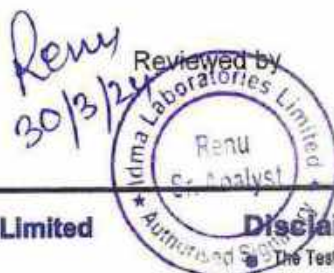
# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-092	Page No. 1/2
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana	
Type of Sample#	Stack Emission (DG)	
Customer's Description of Sample#	Stack Emission (DG)	
Quantity#	1 No	
Packing, Markings#	Thimble Packed in Polythene Pouch	
Mode of Collection of Sample	Sampling by Laboratories	
Work Order No.#	33201317	Dated 21/03/2024
Date of Receipt of Sample	26/03/2024	
Period of Analysis	26/03/2024 To 30/03/2024	
Sampling Team	Idma Representative Team	Client Dr. Anil Nain
Sampling Location#	DG Set 1250 KVA, Cummins	
Visual Observation	N/A	
Stack Process	N/A	
Date of Sampling	24/03/2024	
Sampling Time	N/A	
Date of Reporting	30/03/2024	
Sampling Protocol	LATS/80/2013-14 USEPA:2013	
Testing Protocol	CPCB	

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION)	-	-	-	-
1	STACK MONITORING:	-	-	-	-
	GENERAL INFORMATIONS:	-	-	-	-
2	Stack Height	Meters	10.68	-	-
3	Stack Diameter	Meters	0.3	-	-
4	Ambient Temperature	°C	23	-	-
5	Stack Temperature	°C	141	-	-



Authorised Signatory



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# Idma Laboratories Limited

## TEST REPORT

Lab No.		260324N-E-092				Page No. 2/2
S.No.	Test Parameter	Units	Results	Specifications	Test Method	
6	Velocity	m/s	10.6	-	-	
7	Type of Fuel	-	HSD	-	-	
8	Sampling Flow rate	LPM	14	-	-	
9	Sampling Time	Minutes	54	-	-	
10	Volumetric Flow rate	Nm <sup>3</sup> /hr	1927.6	-	-	
	PARAMETERS:	-	-	-	-	
11	PM	mg /Nm <sup>3</sup>	60.3	Max. 75	USEPA Method 5	
12	CO	mg /Nm <sup>3</sup>	74.1	Max. 150	USEPA Method 10,10A	
13	NOx	ppmv	123.9	Max. 710	USEPA Method 7E	
14	SO <sub>2</sub>	mg /Nm <sup>3</sup>	36.5	-	USEPA Method 6C	
15	Non Methane Hydrocarbon	mg/Nm <sup>3</sup>	40.8	Max. 100	USEPA Method 25A & 320	

# Represents details provided by the customer.

**\*\*End of Report\*\***



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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-091			Page No. 1/1	
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana				
Type of Sample#	Noise Level D.G.				
Customer's Description of Sample#	Noise Level D.G.				
Quantity#	1 No				
Packing, Markings#	Instrument at Site				
Mode of Collection of Sample	Sampling by Laboratories				
Work Order No.#	33201317	Dated	21/03/2024		
Date of Receipt of Sample	26/03/2024				
Period of Analysis	26/03/2024 To 30/03/2024				
Sampling Team	Idma Representative Team	Client	Dr. Anil Nain		
Sampling Location#	DG Set 1250 KVA, Cummins				
Visual Observation	N/A				
Date of Sampling	23/03/2024				
Date of Reporting	30/03/2024				
Sampling Protocol	CPCB PROTOCOL:2015				
Testing Protocol	CPCB				

## RESULTS

S.No.	Test Parameter	Units	Result	Specifications	Test Method
	CHEMICAL DISCIPLINE ( Source Noise Level)	-	-	-	-
1	1.0 m from the enclosure surface	dB(A)	72.5	Max. 75.0	EPA Guideline Manual July 2008
2	0.5 m surface acoustic enclosure when door are open	dB (A)	101.7	--	EPA Guideline Manual July 2008
3	0.5 m surface acoustic enclosure when door are Close	dB (A)	76.5	--	EPA Guideline Manual July 2008
4	Insertion Loss	dB (A)	25.2	Min. 25	EPA Guideline Manual July 2008

# Represents details provided by the customer.

\*\*End of Report\*\*

*Renu*  
30/3/24  
Reviewed by  
Renu  
Sr. Analyst  
Idma Laboratories Limited  
Authorised Signatory

*Karlar Singh*  
30/3/24  
Authorised signatory

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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-083	Page No.	1/1
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana		
Type of Sample#	Water (Piezometer-1)		
Customer's Description of Sample#	Water (Piezometer-1)		
Quantity#	5 Ltr		
Packing, Markings, Seal & Quantity#	Plastic Can		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	33201317	Dated	21/03/2024
Date of Receipt of Sample	26/03/2024		
Period of Analysis	26/03/2024 To 02/04/2024		
Sampling Team Idma	Idma Representative Team	Client	Dr. Anil Nain
Sampling Location#	Main Gate		
Visual Observation	N/A		
Date of Sampling	24/03/2024		
Date of Reporting	02/04/2024		
Sampling Protocol	IS:17614 (PART-1):2021		
Testing Protocol	IS: 10500:2012 Amdt 1 & 2		

## RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	Chemical Testing ( Water )	-	-	-
1	pH	-	7.26	APHA 4500H+B 24th Edition, 2023
2	Water Level	Meter	3.8	ILL/SOP/ENV/024N

Opinion :

# Represents details provided by the customer.

**\*\*End of Report\*\***



Authorised signatory



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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-084		Page No. 1/1
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana		
Type of Sample#	Water (Piezometer-2)		
Customer's Description of Sample#	Water (Piezometer-2)		
Quantity#	5 Ltr		
Packing, Markings, Seal & Quantity#	Plastic Can		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	33201317	Dated	21/03/2024
Date of Receipt of Sample	26/03/2024		
Period of Analysis	26/03/2024 To 02/04/2024		
Sampling Team Idma	Idma Representative Team	Client	Dr. Anil Nain
Sampling Location#	Godown		
Visual Observation	N/A		
Date of Sampling	24/03/2024		
Date of Reporting	02/04/2024		
Sampling Protocol	IS:17614 (PART-1):2021		
Testing Protocol	-		

## RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	Chemical Testing ( Water )	-	-	-
1	pH	-	7.31	APHA 4500H+B 24th Edition, 2023
2	Water Level	Meter	5.3	ILL/SOP/ENV/024N

Opinion :

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**\*\*End of Report\*\***



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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-085	Page No. 1/1
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana	
Type of Sample#	Water (Piezometer-3)	
Customer's Description of Sample#	Water (Piezometer-3)	
Quantity#	5 Ltr	
Packing, Markings, Seal & Quantity#	Plastic Can	
Mode of Collection of Sample	Sampling by Laboratories	
Work Order No.#	33201317	Dated 21/03/2024
Date of Receipt of Sample	26/03/2024	
Period of Analysis	26/03/2024 To 02/04/2024	
Sampling Team Idma	Idma Representative Team	Client Dr. Anil Nain
Sampling Location#	Coal Yard	
Visual Observation	N/A	
Date of Sampling	24/03/2024	
Date of Reporting	02/04/2024	
Sampling Protocol	IS:17614 (PART-1):2021	
Testing Protocol	-	

## RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	Chemical Testing ( Water )	-	-	-
1	pH	-	7.36	APHA 4500H+B 24th Edition, 2023
2	Water Level	Meter	8.1	ILL/SOP/ENV/024N

Opinion :

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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-090	Page No. 1/3
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana	
Type of Sample#	Ground Water	
Customer's Description of Sample#	Ground Water	
Quantity#	5 Ltr	
Packing, Markings, Seal & Quantity#	Plastic Can	
Mode of Collection of Sample	Sampling by Laboratories	
Work Order No.#	33201317	Dated 21/03/2024
Date of Receipt of Sample	26/03/2024	
Period of Analysis	26/03/2024 To 30/03/2024	
Sampling Team Idma	Idma Representative Team	Client Dr. Anil Nain
Sampling Location#	Borewell	
Visual Observation	N/A	
Date of Sampling	24/03/2024	
Date of Reporting	30/03/2024	
Sampling Protocol	IS:17614 (PART-1):2021	
Testing Protocol	--	

## RESULTS

S.No.	Test Parameter	Units	Results	Limit of IS: 10500-2012		Test Method
				Requirement (Acceptable Limit)	Permissible Limit in absence of alternate Source	
	Chemical Testing ( Water )	-	-	-	-	-
1	Color	Hazen	<5	Max. 5	Max. 15	APHA 2120 B&C 24th Edition, 2023
2	pH	-	7.64	6.5-8.5	No Relaxation	APHA 4500H+B 24th Edition, 2023
3	Alkalinity as CaCO3	mg/L	149	Max. 200	Max. 600	APHA 2320 B 24th Edition, 2023
4	Boron	mg/L	BLQ(LOQ-0.0005)	Max. 0.5	Max. 2.4	APHA 3120 B 24th Edition, 2023
5	Calcium as Ca	mg/L	41.5	Max. 75	Max. 200	APHA 3500-Ca B 24th Edition, 2023
6	Magnesium as Mg	mg/L	12.6	Max. 30	Max. 100	APHA 3500 Mg B 24th Edition, 2023
7	Cyanide as CN	mg/L	<0.05	Max. 0.05	No Relaxation	APHA 4500CN-C&F 24th Edition, 2023

Reviewed by  
Renu Sr. Analyst  
Idma Laboratories Limited  
Authorised Signatory

Authorised Signatory

Kartar Singh  
Tech. Mgr.  
Idma Laboratories Ltd.  
Panchkula

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# Idma Laboratories Limited

## TEST REPORT

Lab No.		260324N-E-090				Page No. 2/3
S.No.	Test Parameter	Units	Results	Limit of IS: 10500-2012		Test Method
				Requirement (Acceptable Limit)	Permissible Limit in absence of alternate Source	
8	Fluoride as F	mg/L	0.014	Max. 1	Max. 1.5	CPCB Guide Manual:Water & waste water Analysis.
9	Hardness Total (as CaCO <sub>3</sub> )	mg/L	156	Max. 200	Max. 600	APHA 2340C 24th Edition, 2023
10	Nitrate (as NO <sub>3</sub> )	mg/L	2.1	Max. 45	No Relaxation	APHA 4500NO-3 B 24th Edition, 2023
11	Total Dissolved Solids	mg/L	255	Max. 500	Max. 2000	APHA 2540 C 24th Edition, 2023
12	Surfactants (Anionic as MBAS)	mg/L	<0.01	Max. 0.2	Max. 1.0	EPA Method 425.1
13	Turbidity	NTU	<1	Max. 1	Max. 5	APHA 3130 B 24th Edition, 2023
14	Taste	Qualitative	Agreeable	Agreeable	Agreeable	APHA 2160 B 24th Edition, 2023
15	Residual Free chlorine	mg/L	0.21	Min. 0.2	1	APHA 4500Cl B 24th Edition, 2023
16	Chloramines	mg/L	BLQ(LOQ-0.01)	Max. 4.0	No Relaxation	LAB SOP WC.001
17	Mineral oil	mg/L	<0.1	Max. 1.0	No Relaxation	ASTM D7876
18	Sulphide	mg/L	<0.05	Max. 0.05	No Relaxation	APHA 4500S <sup>2</sup> - F 24th Edition, 2023
19	Cadmium	mg/L	BLQ(LOQ-0.0005)	Max. 0.003	No Relaxation	APHA 3120 B 24th Edition, 2023
20	Copper as Cu	mg/L	BLQ(LOQ-0.0005)	Max. 0.05	Max. 1.5	APHA 3120 B 24th Edition, 2023
21	Iron as Fe	mg/L	0.008	Max. 1.0	No Relaxation	APHA 3120 B 24th Edition, 2023
22	Lead as Pb	mg/L	BLQ(LOQ-0.0005)	Max. 0.01	No Relaxation	APHA 3120 B 24th Edition, 2023
23	Zinc as Zn	mg/L	0.014	Max. 5	Max. 15	APHA 3120 B 24th Edition, 2023
24	Aluminum as Al	mg/L	BLQ(LOQ-0.0005)	Max. 0.03	Max. 0.2	APHA 3120 B 24th Edition, 2023
25	Selenium as Se	mg/L	BLQ(LOQ-0.0005)	Max. 0.01	No Relaxation	APHA 3120 B 24th Edition, 2023
26	Mercury as Hg	mg/L	BLQ(LOQ-0.0005)	Max. 0.001	No Relaxation	APHA 3120 B 24th Edition, 2023
27	Total Arsenic	mg/L	BLQ(LOQ-0.0005)	Max. 0.01	No Relaxation	APHA 3120 B 24th Edition, 2023
28	Total Chromium	mg/L	BLQ(LOQ-0.0005)	Max. 0.05	No Relaxation	APHA 3120 B 24th Edition, 2023

Reviewed by  
30/3/24  
Renu  
Sr. Analyst  
Idma Laboratories Limited  
Panchkula

Authorised signature  
Kartar Singh  
Tech. Mgr.  
Idma Laboratories Limited  
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# Idma Laboratories Limited

## TEST REPORT

Lab No.		260324N-E-090				Page No. 3/3
S.No.	Test Parameter	Units	Results	Limit of IS: 10500-2012		Test Method
				Requirement (Acceptable Limit)	Permissible Limit in absence of alternate Source	
	Biological Testing (Water)	-	-	-	-	-
29	E. Coli	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185:2016
30	Total Coliform Bacteria	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185:2016

Opinion :

# Represents details provided by the customer.

**\*\*End of Report\*\***



### Idma Laboratories Limited

Idma Corporate Park,

391, Industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-086	Page No. 1/1
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana	
Type of Sample#	Waste Water (ETP Inlet)	
Customer's Description of Sample#	Waste Water (ETP Inlet)	
Quantity#	5 Ltr	
Packing, Markings, Seal & Quantity#	Plastic Can	
Mode of Collection of Sample	Sampling by Laboratories	
Work Order No.#	33201317	Dated 21/03/2024
Date of Receipt of Sample	26/03/2024	
Period of Analysis	26/03/2024 To 02/04/2024	
Sampling Team Idma	Idma Representative Team	Client Dr. Anil Nain
Sampling Location#	ETP	
Visual Observation	N/A	
Date of Sampling	24/03/2024	
Date of Reporting	02/04/2024	
Sampling Protocol	IS:17614 (PART-1):2021	
Testing Protocol	CPCB	

## RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	CHEMICAL TESTING (Waste Water)	-	-	-
1	pH	-	6.19	APHA4500-H+ B24th Edition, 2023
2	Chemical Oxygen Demand (COD)	mg/L	254	CPCB Guide Manual/Water & waste water Analysis
3	Biochemical Oxygen Demand (BOD), 3-days at 27 °C	mg/L	32	CPCB Guide Manual/Water & waste water Analysis
4	Oil & Grease	mg/L	8.0	EPA Method 1664
5	Total Dissolved Solids (TDS)	mg/L	1625	APHA2540 C24th Edition, 2023
6	Total Suspended Solids (TSS)	mg/L	102	APHA2540 D24th Edition, 2023

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-087			Page No. 1/1	
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana				
Type of Sample#	Waste Water (ETP Outlet)				
Customer's Description of Sample#	Waste Water (ETP Outlet)				
Quantity#	5 Ltr				
Packing, Markings#	Plastic Can				
Mode of Collection of Sample	Sampling by Laboratories				
Work Order No.#	33201317	Dated		21/03/2024	
Date of Receipt of Sample	26/03/2024				
Period of Analysis	26/03/2024 To 02/04/2024				
Sampling Team	Idma Representative Team	Client		Dr. Anil Nain	
Sampling Location#	ETP				
Visual Observation	N/A				
Date of Sampling	24/03/2024				
Date of Reporting	02/04/2024				
Sampling Protocol	IS:17614 (PART-1):2021				
Testing Protocol	CPCB				

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Waste Water)	-	-	-	-
1	pH	-	7.82	5.5-9.0	APHA4500-H+ B24th Edition, 2023
2	Chemical Oxygen Demand (COD)	mg/L	35.7	Max 250	CPCB Guide Manual:Water & waste water Analysis
3	Biochemical Oxygen Demand (BOD), 3-days at 27 °C	mg/L	8	Max 30	CPCB Guide Manual:Water & waste water Analysis
4	Oil & Grease	mg/L	<2.5	Max 10	EPA Method 1664
5	Total Dissolved Solids (TDS)	mg/L	1064	-	APHA2540 C24th Edition, 2023
6	Total Suspended Solids (TSS)	mg/L	28	Max 100	APHA2540 D24th Edition, 2023

# Represents details provided by the customer.

\*\*End of Report\*\*



Authorised signatory



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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-088	Page No. 1/1
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana	
Type of Sample#	Water (RO Inlet)	
Customer's Description of Sample#	Water (RO Inlet)	
Quantity#	5 Ltr	
Packing, Markings, Seal & Quantity#	Plastic Can	
Mode of Collection of Sample	Sampling by Laboratories	
Work Order No.#	33201317	Dated 21/03/2024
Date of Receipt of Sample	26/03/2024	
Period of Analysis	26/03/2024 To 02/04/2024	
Sampling Team Idma	Idma Representative Team	Client Dr. Anil Nain
Sampling Location#	RO Plant	
Visual Observation	N/A	
Date of Sampling	24/03/2024	
Date of Reporting	02/04/2024	
Sampling Protocol	IS:17614 (PART-1):2021	
Testing Protocol	-	

## RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	Chemical Testing ( Water )	-	-	-
1	pH	-	6.73	APHA 4500H+B 24th Edition, 2023
2	Oil & Grease	mg/L	2.8	APHA 5500 B 24th Edition, 2023
3	Total Dissolved Solids	mg/L	736	APHA 2540 C 24th Edition, 2023
4	Total suspended Solids	mg/L	47	APHA 2540 D 24th Edition, 2023
5	Biochemical Oxygen Demand (3-days at 27 °C)	mg/L	22	CPCB Guide Manual:Water & waste water Analysis
6	Chemical Oxygen Demand	mg/L	141	CPCB Guide Manual:Water & waste water Analysis

# Represents details provided by the customer.

\*\*End of Report\*\*



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# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-089	Page No. 1/1
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana	
Type of Sample#	Water (RO Outlet)	
Customer's Description of Sample#	Water (RO Outlet)	
Quantity#	5 Ltr	
Packing, Markings, Seal & Quantity#	Plastic Can	
Mode of Collection of Sample	Sampling by Laboratories	
Work Order No.#	33201317	Dated 21/03/2024
Date of Receipt of Sample	26/03/2024	
Period of Analysis	26/03/2024 To 30/03/2024	
Sampling Team Idma	Idma Representative Team	Client Dr. Anil Nain
Sampling Location#	RO Plant	
Visual Observation	N/A	
Date of Sampling	24/03/2024	
Date of Reporting	30/03/2024	
Sampling Protocol	IS:17614 (PART-1):2021	
Testing Protocol	--	

## RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	Chemical Testing (Water)	-	-	-
1	pH	-	7.62	APHA 4500H+B 24th Edition, 2023
2	Oil & Grease	mg/L	<2.5	APHA 5500 B 24th Edition, 2023
3	Total Dissolved Solids	mg/L	158	APHA 2540 C 24th Edition, 2023
4	Total suspended Solids	mg/L	09	APHA 2540 D 24th Edition, 2023
5	Biochemical Oxygen Demand (3-days at 27 °C)	mg/L	14	CPCB Guide Manual:Water & waste water Analysis
6	Chemical Oxygen Demand	mg/L	38.5	CPCB Guide Manual:Water & waste water Analysis

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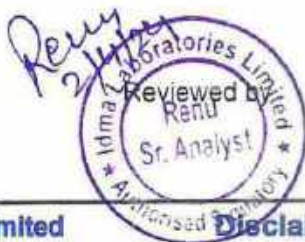
# Idma Laboratories Limited

## TEST REPORT

Lab No.	260324N-E-082			Page No. 1/2	
Customer#	NV International Private Limited Village Badholi Kalpi # Naraingarh Road Distt. Ambala Haryana Haryana				
Type of Sample#	Soil				
Customer's Description of Sample#	Soil				
Quantity#	1 No				
Packing, Markings, Seal & Quantity#	Polythene Bag				
Mode of Collection of Sample	Sampling by Laboratories				
Work Order No.#	33201317	Dated		21/03/2024	
Date of Receipt of Sample	26/03/2024				
Period of Analysis	26/03/2024 To 02/04/2024				
Sampling Team Idma	Idma Representative Team	Client		Dr. Anil Nain	
Sampling Location#	ETP				
Visual Observation	N/A				
Date of Sampling	24/03/2024				
Date of Reporting	02/04/2024				
Sampling Protocol	EPA 540/R-95/141:1995 LSASDPROC-300-R,2020				
Testing Protocol	-				

## RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	CHEMICAL TESTING (Soil)	-	-	-
1	pH	-	7.43	USEPA 1998 , 9045D
2	Conductivity	µs/cm	301	USDA Soil Method Manual 1996 & 2014
3	Organic Matter	%	0.76	APHA2540 G23rd Edition, 2017
4	Phosphorus	mg/kg	28.1	USDA Soil Method Manual 1996 & 2014
5	Calcium Carbonate	%	1.29	USDA Soil Method Manual 1996 & 2014
6	Nitrogen	mg/kg	275.4	USDA Soil Method Manual 1996 & 2014
7	Total Potassium	mg/kg	33.8	USEPA 1640:1997
8	Iron	mg/kg	156.7	USEPA 1640:1997
9	Zinc	mg/kg	84.2	USEPA 1640:1997



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# Idma Laboratories Limited

## TEST REPORT

Lab No.		260324N-E-082			Page No. 2/2
S.No.	Test Parameter	Units	Results	Test Method	
10	Copper	mg/kg	0.15	USEPA 1640:1997	
11	Total Chromium (Cr)	mg/kg	0.065	USEPA 1640:1997	
12	Cadmium	mg/kg	0.071	USEPA 1640:1997	
13	Mercury	mg/kg	<0.01	USEPA 1640:1997	
14	Arsenic	mg/kg	<0.05	USEPA 1640:1997	

Opinion :

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\*\*End of Report\*\*



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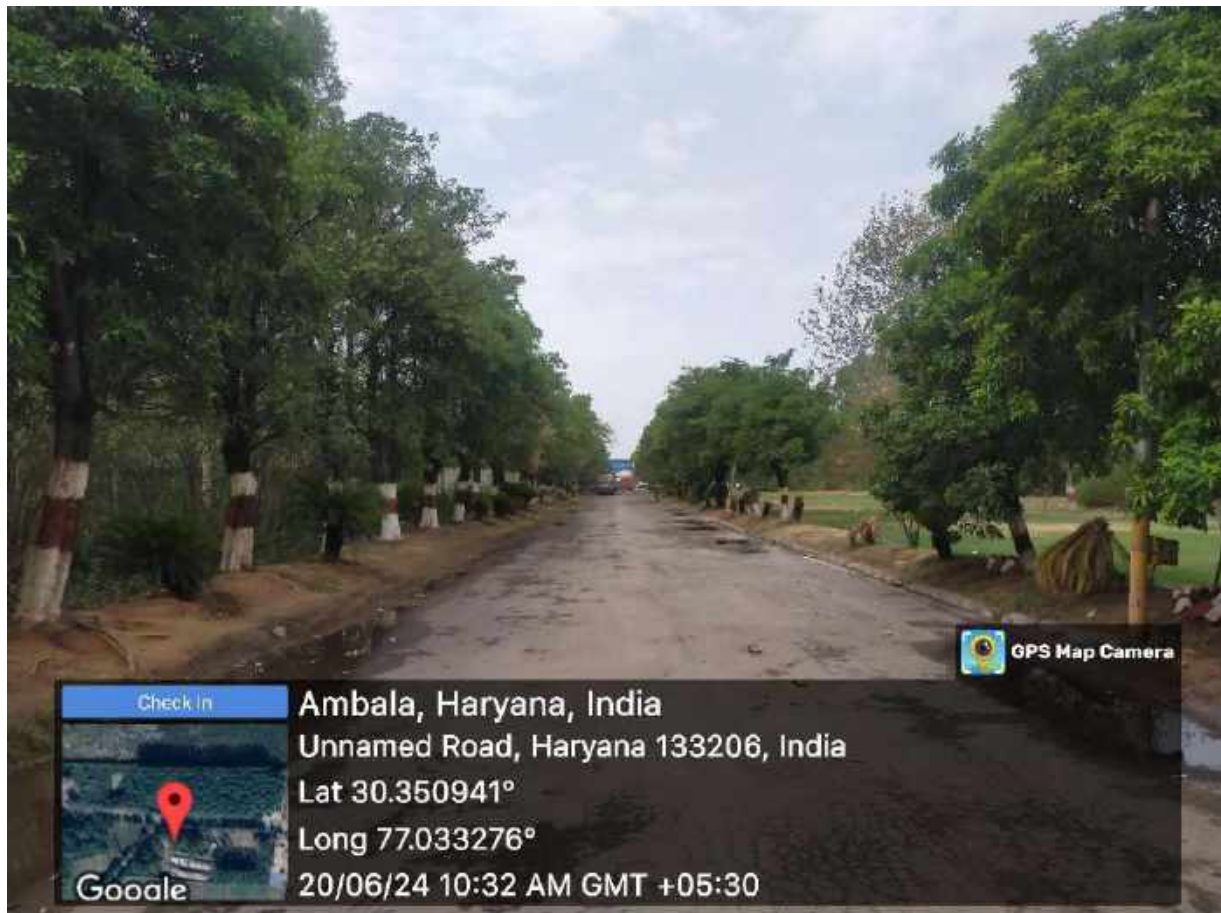


## Annexure-4

### NVIPL Photographs Pucca Roads



## NVIPL Photographs Pucca Roads





## Annexure-5

### NVIPL Photographs DG Set



## Annexure- 6

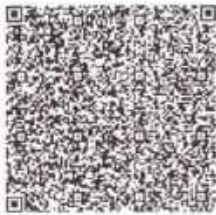


हरियाणा सरकार  
हरियाणा जल संसाधन प्राधिकरण  
Government of Haryana  
Haryana Water Resources Authority

**PERMISSION CERTIFICATE FOR GROUND WATER EXTRACTION**

Project Name:	NV INTERNATIONAL PRIVATE LIMITED			
Project Address:	VILLAGE BADHOLI TEHSIL NARAINGARH DISTRICT AMBALA			
Village/MC:	Badhali	Tehsil:	Naraingarh	
District:	AMBALA	State:	Haryana	
Pin Code:	--			
Communication Address:	VILLAGE BADHOLI TEHSIL NARAINGARH DISTRICT AMBALA			
Address Regional Office:	Rear Building, 3rd Floor, HSVP, Sector-6, Panchkula			
1. NOC No.:	HWRA/NOC/IND/N/2023/1204			
2. Application No.:	HWRA/IND/N/2021/1343	3. Category:	Industry	
4. Project Status:	New	5. NOC Type:	New	
6. Ground Water Extraction Permitted:				
<b>Ground Water For</b>	<b>m3/day</b>	<b>m3/year</b>	<b>Valid From</b>	<b>Valid Upto</b>
Fresh Water	848.00	279840.00	31/03/2023	31/03/2024
<b>Total</b>	<b>848.00</b>	<b>279840.00</b>	--	--
7. Details of Ground Water Extraction:	Total Existing No.:2		Total Proposed No.:0	
	DW	DCB	BW	TW
Abstraction Structure*	--	--	2	--
*DW - Dug Well;DCB - Dug cum Bore Well;BW - Bore Well;TW - Tube Well;DWLR - Digital Water Level Recorder				
8. Quantum of ground water recharge(m3/year)	--			
9. Number of Piezometers (Observation wells) to be constructed/ monitored & Monitoring mechanism	No. of Piezometers		Monitoring Mechanism	
			Manual	DWLR
	1		0	1

\* Terms & conditions are at the back of this page.



Note: This is computer generated certificate, it can be validated by scanning QR code.



**Validity of this NOC shall be subject to compliance of the following mandatory conditions**

1. NOC is granted to the applicant on the condition that local government water supply agencies are not able to supply the desired quantity of water. In case of supply of water from local agency the applicant shall immediately inform HWRA and reduce the abstraction of ground water accordingly.
2. The applicant shall adopt latest water efficient technologies to reduce dependence on ground water resources by 20% in three years. Compliance report in this regard shall be submitted yearly. The proof of reduction of dependence on ground water shall also be submitted half yearly i.e., at the time of deposit of water abstraction charges of the second quarter.
3. The applicant abstracting ground water between 100-500 kld shall undertake self-annual water audit and those abstracting ground water more than 500 kld shall undertake water audit through organisations authorised by Government of India or HWRA and submit audit reports at the time of renewal of the NOC.
4. Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism shall be mandatory for industries drawing or proposing to draw more than 500 kld of ground water and Monitoring of water level shall be done by project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 25 m from the production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well wells Detailed guidelines for design and construction of piezometer is given on the portal. Monthly water level data shall be submitted to the HWRA through the web portal on quarterly basis.
5. The applicant with red category industries as per Haryana State Pollution Control Board shall store the harvested rainwater in surface storage tanks for use in the industry and shall not use the harvested rainwater to recharge ground water, further the applicants under this category shall ensure wellhead protection measures to prevent ground water pollution and will inform the compliance within 3 months.
6. Injection of treated/untreated wastewater/effluents into aquifer system is strictly prohibited.
7. The applicant drawing ground water in safe, semi-critical and critical assessment units shall be required to pay ground water abstraction charges on quarterly basis, applicable as per Tables 5.3A.
8. The applicant drawing ground water in over-exploited assessment units shall be liable to pay ground water restoration charges on quarterly basis, applicable as per Tables 5.3 B.
9. All the tube wells/ground water abstraction structures permitted shall be fixed with digital electromagnetic/ultrasonic water meters, by the industry at its own cost with telemetry system and monthly ground water abstraction data shall be recorded in a logbook. Compliance to this condition shall be reported within one month from the date of issue of this letter. Daily water meter readings to be recorded in a dedicated register and shall be submitted on the web portal to HWRA on quarterly basis or through centralized mechanism evolved by HWRA. The geotag photos of all the flow meters/water meters showing date and coordinates be uploaded on the portal for calculation of quarterly tariff. Without geotagged photos not showing date and coordinates will not be entertained.
10. The applicant, as per approved proposal, shall implement rainwater harvesting and ground water recharge measures within three months from the date of issuance of this NOC and undertake periodic maintenance of recharge structures. Photographs (with geo tag only) of the recharge structures etc. and compliance of completion of construction of the same along with copy of NOC shall be furnished immediately to the Haryana Water Resources Authority for verification, on the Email ID of the Authority (compliance - hwra@hry.gov.in)
11. The ground water chemical quality shall be monitored twice in a year during pre & post- monsoon period.
12. The monthly ground water level monitoring data in respect of piezometer shall be submitted quarterly to the Haryana Water Resources Authority on regular basis.
13. The applicant shall ensure proper recycling and reuse, including use for green belt, of wastewater after adequate treatment.
14. In case of renewal, application shall be submitted online within 90 days before the expiry of this NOC and abstraction of ground water, after expiry of NOC shall be illegal and liable for legal action as per law.
15. The applicant shall seek prior permissions from HWRA for any increase in daily quantum of groundwater abstraction (i.e. more than the permitted limit in the NOC).
16. Where the applicant granted NOC for abstraction of saline water and the existing well(s) is/are yielding fresh water, the same shall be sealed and new tube well(s) tapping saline water shall be constructed within 3 months of the issuance of NOC or from the date of seal of the fresh water tube well, as the case may be. The applicant shall be also ensuring safe disposal of saline residue, if any.
17. The applicant shall comply with the provisions of the Haryana Water Resources (Conservation, Regulation and Management) Authority Act, 2020, Rules, regulations, guidelines and directions issued thereunder. Non-compliance of these provisions shall be liable for the penalty as per the provisions of the Act, rules and regulations, guidelines and directions issued thereunder.
18. The applicant shall ensure the 100% reuse for non potable usage of self generated waste water after due treatment. He shall also ensure to reuse for non potable usage the Treated Waste Water (other than self generated) as per application and NOC terms & conditions
19. Since, this NOC has been issued on the basis of self-assessment by the applicant and without any site inspection, hence the Authority may inspect the site/unit and documents at any time. In case any material difference is found in the information submitted and the site conditions or documents, the Authority may suspend the NOC granted immediately and may revoke or modify the NOC after giving a notice to the applicant.
20. This NOC is subject to prevailing State Government rules/law of Courts orders related to construction of tube well, ground water withdrawal, construction of recharge or conservation structure/discharge of effluents or any such matters as applicable.
21. The applicant shall comply with the directions/conditions/instructions issued by any Court of law related to the matters concerned with the Authority.
22. The applicant shall report self-compliance duly signed by authorized person along with authorization letter by e-mail to Haryana Water Resources Authority quarterly as well as yearly basis after the issuance of NOC.
23. This NOC does not absolve the applicant of his obligation/requirement to obtain the necessary approvals from the statutory and administrative Authorities/Departments.
24. The issuance of this NOC does not imply that other statutory or administrative clearances shall necessarily be granted to the applicant by the concerned authorities. The concerned Authorities shall act as per their own procedure.
25. The applicant shall immediately inform the HWRA, if any change in the information provided by the applicant in the application form for seeking NOC.
26. This NOC shall not absolve the applicant from any penalty/punishment/environment compensation, which may have been imposed or may be imposed, for abstraction of groundwater during such period, before the issuance of this NOC.
27. In case of non-payment or delayed payment of ground water abstraction/restoration charges, a penal interest @ 18% shall be charged.
28. The necessary compliance shall be submitted to the Authority on the web portal of the Authority i.e. [www.hwra.org.in](http://www.hwra.org.in) or on the email id [compliance-hwra@hry.gov.in](mailto:compliance-hwra@hry.gov.in).
29. In case validity period of the CTE/CTO expires during currency period of the NOC, then it will be responsibility of the project proponent to get it renewed well in time & submit renewed CTE/CTO within month after renewal of CTE/CTO by HSPCB, to HWRA. If the CTE/CTO has been suspended or rejected, project proponent is required to intimate the same to HWRA within a week of such rejection or suspension.
- 30.

**Note: This is computer generated certificate, it can be validated by scanning QR code.**

## Annexure-7

### NVIPL Photograph Lagoon with HDPE Lining





## Annexure-8

### Photograph NVIPL Piezometers with AWLR and Telemetry



### Annexure- 9

Month wise sale of Cattle Feed	
Month	Cattle Feed (kg)
Oct-2023	3050650
Nov-2023	2659010
Dec-2023	2681520
Jan-2024	2464220
Feb-2024	2120620
March-2024	1867670
<b>Total</b>	<b>14843690</b>



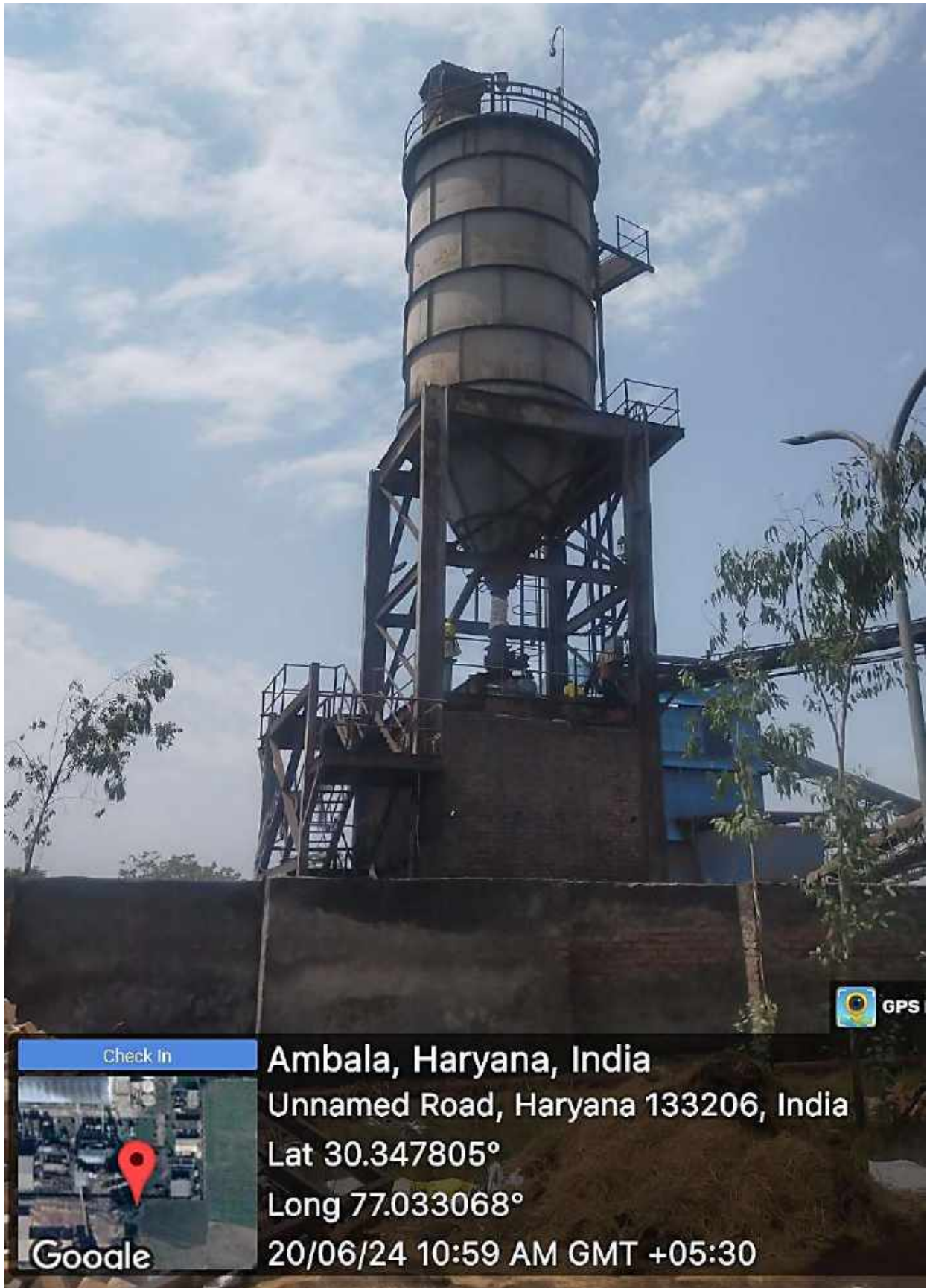
## Annexure-10

### NVIPL Photographs Shed for Husk



## Annexure-11

### NVIPL Photograph Ash Silo





## Annexure-12

### NVIPL Photographs Fire Fighting Equipment



## Annexure-13

### NVIPL Photographs Parking





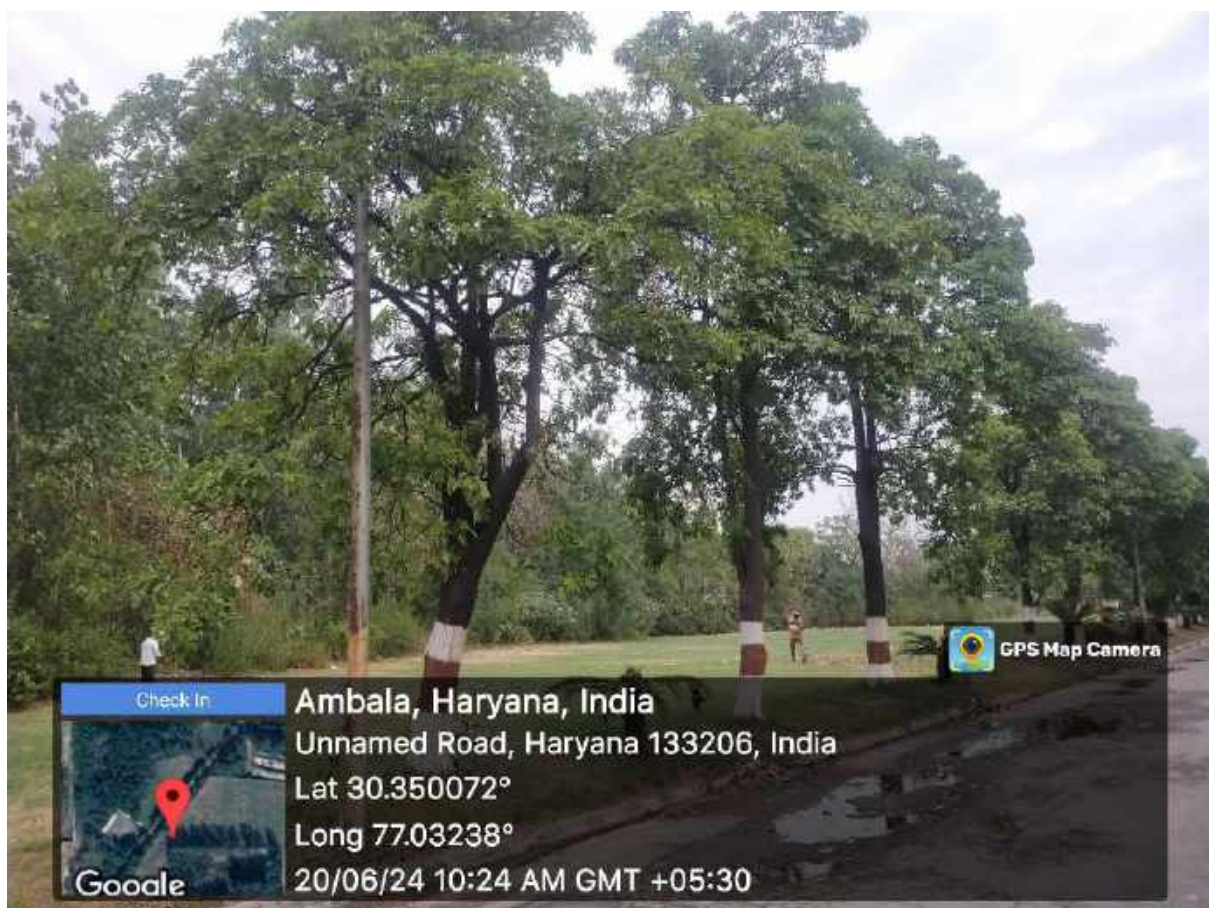
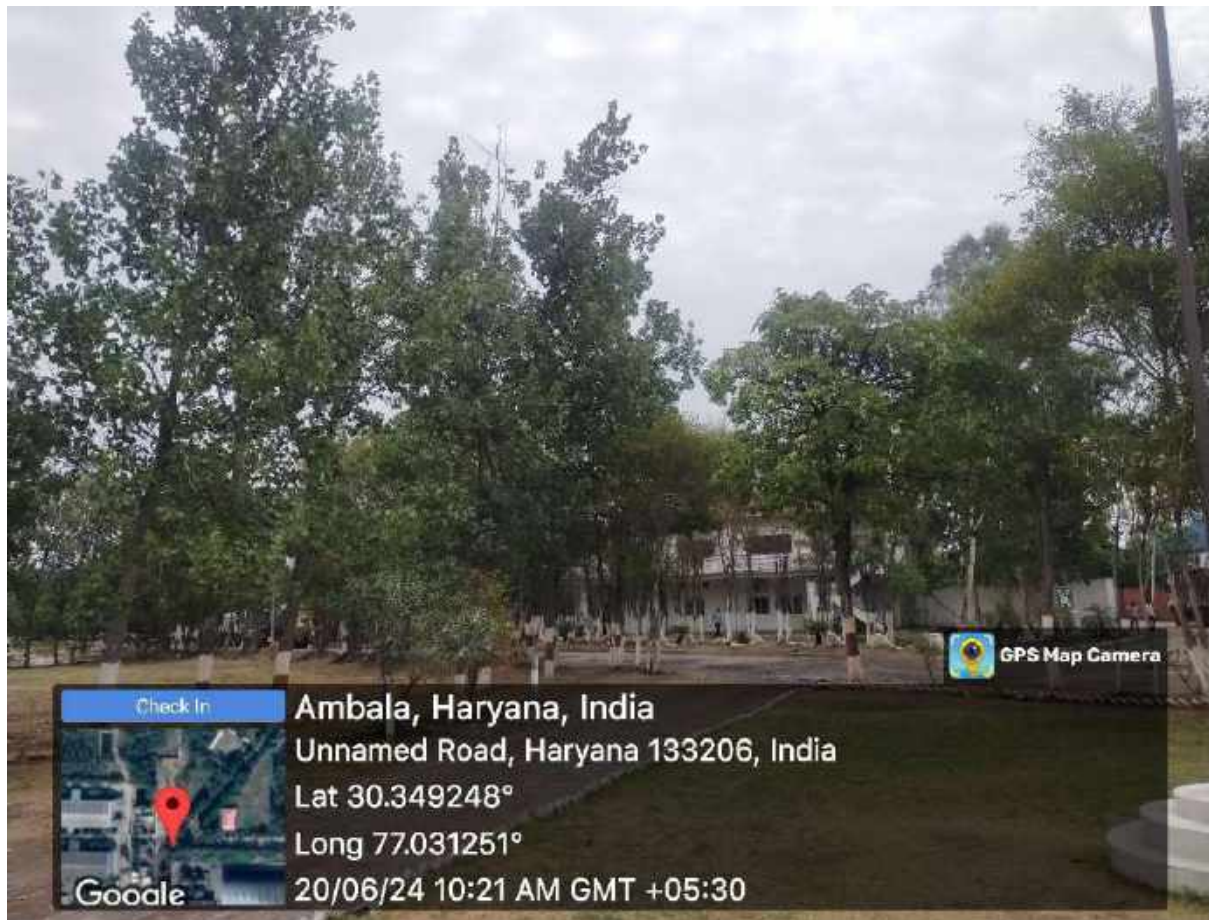
## Annexure-14

### NVIPL Photographs Green Belt





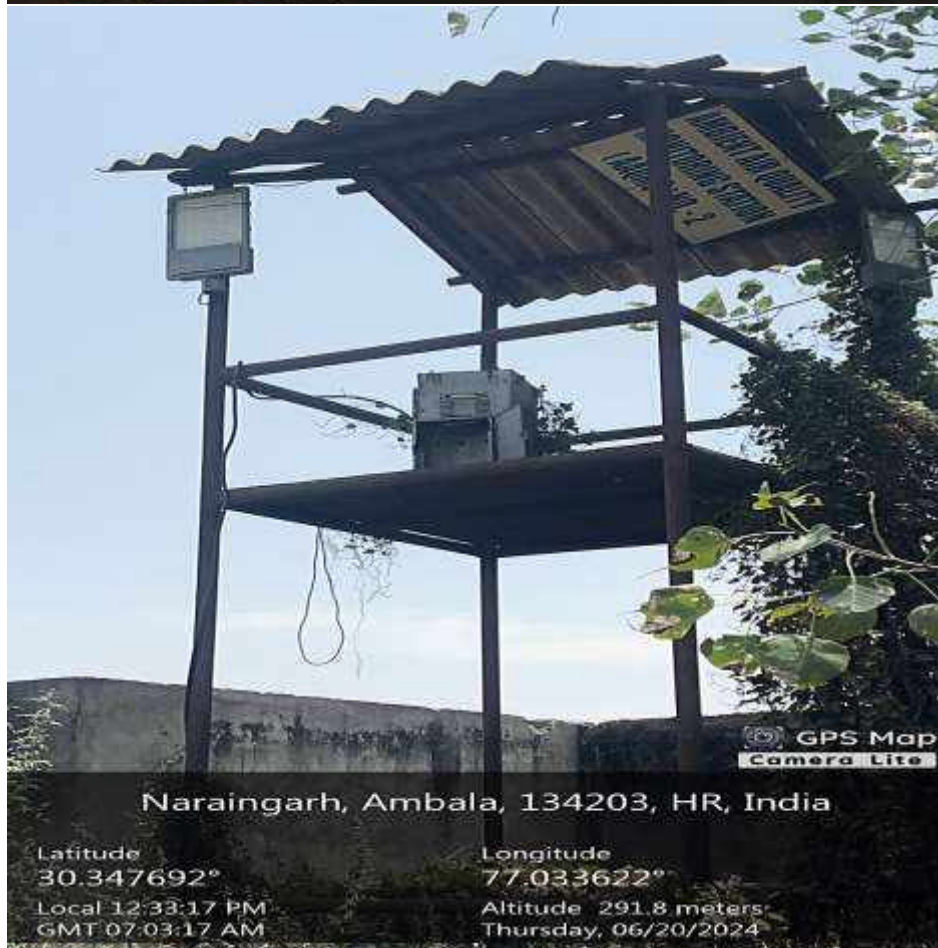
## NVIPL Photographs Green Belt





## Annexure-15

### NVIPL Photographs AAQMS





## Haryana State Pollution Control Board

Near the Orion Banquet, Naraingarh Road, Baldev Nagar, Ambala. Email:-  
hspcbroamb@gmail.com



No. :HWM/AMB/2023/34181474

DT: 12/05/2023

To

M/s N.V.International Pvt. Ltd.,  
Village Badholi, Tehsil Naraingarh, District Ambala  
Ambala

### Sub: Grant of Authorization under Hazardous and Other Wastes(Management & Transboundry Movement) Rules, 2016

1. Reference of application:34181474 dated: 12/05/2023
2. Ambrish tyagi of N.V.International Pvt. Ltd., is hereby granted an authorization for generation, collection, storage on the premises situated at Village Badholi, Tehsil Naraingarh, District Ambala

#### Details of Authorization

S.No.	Name of process and Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilisation or co-processing, etc.	Quantity
1	Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications, Used/spent oil	Through authorized recycler	1 KL/Annum

1. The authorization shall be valid for a period of 10/05/2023 to 30/09/2025
2. The authorization is subject to the following general and specific conditions :-
  - 1.That the unit will comply with provisions of Hazardous Waste Rule, 2016.
  - 2.That the unit will maintain the Hazardous Waste Storage Room & Display Board.
  - 3.That the unit will dispose off hazardous waste through registered authorized recycler only.
  - 4.That the unit will comply the order/ direction issued by the Hon'ble Supreme Court of India, Punjab & Haryana High Court, NGT, Environment Court or any other court.
  - 5.That the unit will apply for renewal of authorization before 90 days from the expiry of this authorization.
  - 6.That the unit will comply with the all the Rules/ Regulations/ Acts/ Notification issued by CPCB/ HSPCB and MOEF&CC.
  - 7.In case, any violations found at any stage, then this authorization shall be revoked without giving any show cause notice and action will be initiated as per policy of the Board.
  - 8.The unit will keep all the parameters within prescribed limits.9. Unit will renew its agreement with authorized recycler from time to time.

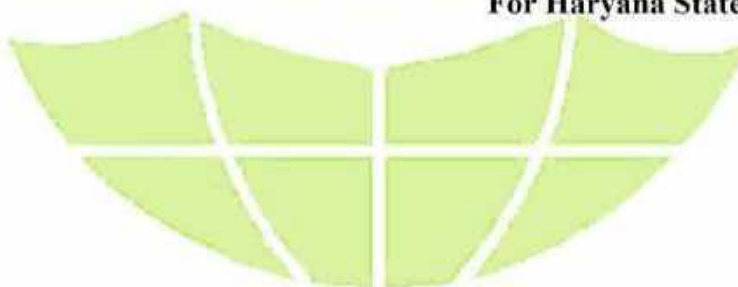


**Regional Officer Ambala**  
**For Haryana State Pollution Control Board**

Conditions of Authorization:

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
4. Any unauthorised change in personnel equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of this authorization.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. An application for the renewal of an authorization shall be made as laid down under these Rules.
8. Any other conditions for compliance as per the guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time.
9. Annual return shall be filed by June 30 th for the period ensuring 31 st March of the year.

**Regional Officer Ambala**  
**For Haryana State Pollution Control Board**



## Annexure-17

### NVIPL Photographs PPE & Training for Safety





## NVIPL Photographs PPE & Training for Safety



*Annexure-18*

***ENVIRONMENT HEALTH AND SAFETY MANAGEMENT CELL (2023-24)***

***NVIPL, Badhauri, Kalpi Naraingarh Road, Ambala (Haryana)***

