



NATCO PHARMA LIMITED

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GSTIN : 33AAACN6927A1ZW

12.04.2023
Manali-Chennai

To
The Director,
Regional Office (SEZ),
Ministry of Environment, Forests and Climate change
#34, HEPC Campus, Cathedral Garden
Chennai-600 034

Dear Sir,

Sub: Submission of six-monthly Environmental Clearance Compliance statement for June 2023 (for the period from October 2022 to March 2023) for the M/s. Natco Pharma Limited, Chemical Division-Chennai

Ref.: Letter .No. SEIAA/TN/F.5869/5(f)/EC-67/2019 dated:20.02.2019

With reference to the above, we are submitting six monthly EC condition Compliance status Report **June 2023 (for the period from October 2022 to March 2023)** along with required annexure for your perusal.

We are uploading the EC Compliance in PARIVESH Portal & also we are sending the EC compliance in email to: ecompliance-tn@gov.in in PDF format.

Thanking you

Yours sincerely
For Natco Pharma Limited

G.Vasan
AVP-Operations

Copy to:

1. The Member Secretary,
State Level Environment Impact Assessment Authority,
3rd Floor, Panagal Maligai, No.1 Jeenis Road, Saidapet,
Chennai- 600 015.
2. The Director,
CPCB Zonal Office,
77-A, South Avenue Road, Ambattur Industrial Estate,
Ambattur Taluk, Chennai - 600 058.
3. The Chairman,
Tamil Nadu Pollution Control Board,
No-76, Mount Road, Guindy, Chennai-600 032



The RvA is a signatory to the IAF MLA

Manufacturing Site :
Chemical Division - Chennai.
(ISO 14001:2015 & ISO 45001:2018 Certified)
S.No. 74/7B, Vaikkadu TPP Salai, Manali, Chennai, Tamilnadu - 600 103.
Tel. : +91-7299009981/82/83/84





NATCO PHARMA LIMITED
Chemical Division- Chennai

Compliance Statement for Environmental Clearance vide Letter No. SEIAA / TN/F.5869/5 (I)/EC-67/2019 dated: 20.02.2019

Environmental Clearance (EC)

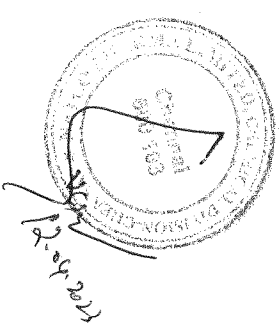
Letter .No. SEIAA/TN/F.5869/5(I)/EC-67/2019 dated:20.02.2019

Period: Oct 2022 to March 2023

Compliance Status Report

Submitted to:

1. Ministry of Environment, Forest and Climate Change-Regional Office, Chennai.
2. State Level Environment Impact Assessment Authority (SEIAA) - Tamil Nadu
3. Tamil Nadu Pollution Control Board.
4. Central Pollution Control Board.





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Compliance Statement for Environmental Clearance vide Letter No. SEIAA / TN/F.5869/5 (I)/EC-67/2019 dated: 20.02.2019

S. No.	Conditions	Compliance Status	Remarks
(A) Statutory Compliance			
i	The project proponent shall obtain forest clearance under the provision of forest (Conservation) Act, 1986, in case of diversion of the forest land for non-forest purpose involved in the project.	Not Applicable	-
ii	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable	-
iii	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan approved by the Chief Wildlife Warden. The recommendation of the approved Site-Specific Conservation Plan / Wildlife Plan shall be implemented in consultation with State Forest Department. The implementation report shall be furnished along with six monthly compliance report. (In case of the presence of schedule-I species in the study area.	Not Applicable	-
iv	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of the Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.	Yes, Complied with given condition. CTE (Expansion) obtained and CTO Expansion Phase-01 obtained	Copy of CTO attached as Annexure-01
v	The project proponent shall obtain authorization under the hazardous & other Waste Management Rules, 2016 as amended from time to time.	Complied Existing Hazardous waste authorization valid up to 31.03.2027. Application submitted for Fresh Hazardous waste authorization	-



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vi	The company shall strictly comply with rules and guidance under the Manufacturer, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended from time to time. All transportation of hazardous chemicals shall be as per the Motor Vehicle Act (MVVA)	Yes, Complied with given condition.	-
(B) Air Quality Monitoring & Preservation			
i	The project proponent shall install 24 × 7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connect to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	We are having 8-process scrubber working with 99% efficiency and out let are having traces of VOC only. Therefore, online monitors is not required. However, Ambient VOC analyzer available nearby scrubber & Connected to TNPCCB CARE AIR systems.	Complied with. given condition. Scrubber stack Monitoring report attached as Annexure-02 Also Ambient HCL analyzer installed nearby scrubber area
ii	The project proponent shall monitor fugitive emission in the plant premises at least one in every quarter through labs recognized under Environment (Protection) Act, 1986	Complied Fugitive emission Analysis get done by NABL accredited Lab & results are well within the limits	Annexure-2A. Copy of report attached.
iii	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.	Complied Existing Plant Ambient Air Quality are being monitored regularly by every month through	AAQ Photos attached as Annexure-03



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		recognized lab. Also, Existing AAQ parameters are being monitored through AAQ mobile van in all required locations. Data's are uplinked to TNPCB.	
iv	To control source and fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	Complied Adequate stack height provided to LDO fired boilers & Coal fired boilers are not available in our plant.	Complied with. given condition
v	Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Yes, Complied with given condition. All the existing raw materials are stored safely to prevent dust pollution & fugitive emissions	-
vi	National Emissions Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 6086 dated 21 st July, 2010 and amended from time to time shall be followed.	Yes, Complied with given condition.	-
vii	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R.No.826(E) dated 16 th November, 2009 shall be complied with	Yes, Complied with given condition.	-
(c) Water Quality Monitoring & Preservation			



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i	The project proponent shall provide online continuous monitoring of effluent, the shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within in the premises (applicable in case of the project achieving ZLD)	Complied	Complied with given condition
ii	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the project achieving the ZLD.	Complied Existing & current plant adopted with ZLD system	Complied with given condition
iii	The effluent discharge shall confirm to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified Pollution Control Board while granting Consent under the Air/Water Act, Whichever is more stringent.	Yes, Complied with given condition.	-
iv	Total fresh water requirement shall not exceed the propose quantity or as specified by the committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.	Complied We have obtained the permission from CMWSSB for fresh water supply. water consumption is within the permitted limit.	Copy of Approval attached Annexure-04



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v	Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Yes, Complied with given condition.	Already in line.
vi	The Company shall harvest rainwater from the roof tops of the building and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	Complied Rain water harvesting system has been constructed at the plant to recharge the ground water.	Photo copy – Rain water Harvesting plan & Details attached as Annexure - 05
vii	The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.	Complied Existing DG stacks are equipped with adequate height & APC measures. Stack are done on monthly basis & results are within the specified limits	To reduce at least 70% PM in DG, retrofitted with approved emission control device/ equipment Annexure-5A

(D) Noise Monitoring & Preservation

i	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Complied Acoustic enclosures are provided to our Existing DG set for controlling the noise.	Complied with given condition.
ii	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.	Yes, Complied with given condition.	-
iii	The ambient noise level should be conform to the standards prescribed under the E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Yes, Complied with given condition.	-

(E) Safety, Public hearing & Human health issues



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i	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Yes, Complied with given condition.	Emergency preparedness plan available.
ii	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Complied Existing plant fire protection system in place. Same will be implemented on expansion. Complied with given condition	
iii	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Yes, Complied with given condition.	-
iv	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.	Complied Yearly training schedule prepared & training imparted to all employees. Medical examinations are done for every 6 months once	-
v	Provision shall be made for the housing of construction labour within the site will all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.	Complied Toilet, drinking water & medical health care facility will be provided for construction labour within the site	Lodging facility will be provided by contractor, outside the plant premises. Complied with given condition
vi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Yes, Complied with given condition.	-



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vii	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	Yes, Complied with given condition.	-
(F) Corporate Environment Responsibility			
i	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-IA.III dated 1 st May 2018, as applicable, regarding Corporate Environment Responsibility.	Yes, Complied with given condition.	CER Activity Execution under progress Annexure-06
ii	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/ conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/ conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.	Yes, Complied with given condition. EHS policy are made available.	Copy of EHS policy attached Annexure-07
iii	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly to the head of the organization.	Yes, Complied with given condition.	-
iv	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other 5 purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	Yes, Complied with given condition EMP details given EIA report & action plans are being followed..	EMP Attached as Annexure--08
v	Self-environmental audit shall be conducted annually. Every three years third party environmental audit	Complied Environmental audit	IMS certificates



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shall be carried out.		has been conducted by 3 rd party & certified for Occupational Health and Safety & Environmental Management System, ISO 45001:2018 & ISO 14001:2015 by the DNV-GL certificate	Attached as Annexure-09.
(G) Waste Management			
i	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	Yes, Complied with given condition.	-
ii	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	Yes, Complied with given condition.	-
iii	The company shall undertake waste minimization measures as below:-	Yes, Complied with given condition.	-
	a. Metering and control of quantities of active ingredients to minimize waste.		
	b. Reuse of by-products from the process as raw materials or as raw materials substitutes in other processes.		
	c. Use of automated filling to minimize spillage.		
	d. Use of Close Feed system into batch reactors.		
	e. Venting equipment through vapor recovery system.		
	f. Use of high pressure hoses for equipment clearing to reduce wastewater generation		



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<u>(HD) SPECIFIC CONDITIONS</u>			
i	It is mandatory for the project proponent to furnish to the SEIAA, Half yearly compliance report in hard and soft copies on 1 st June and 1 st December of each calendar year in respect of the conditions stipulated in the prior Environmental clearance issued.	Yes, Complied with given condition.	-
ii	“Consent for Establishment” shall be obtained from Tamil Nadu Pollution Control Board and a copy of the same shall be furnished to the SEIAA, Tamil Nadu before start of project construction activity at the site.	Complied CTE (Expansion) obtained from Tamil Nadu Pollution Control Board	-
iii	“Consent for Operate” shall be obtained from Tamil Nadu Pollution Control Board before the start of the operation of the project and a copy of the same shall be furnished to the SEIAA, Tamil Nadu	Complied CTO (Expansion) will be obtained after completion of Expansion activity	-
iv	The implementation of Environmental Management Plan in regard to treatment and disposal of sewage & Effluent, Solid waste Management, Hazardous - Waste Management, and CSR Activities should be carried out, as proposed and committed. Regular monitoring should be carried out during operation phases	Yes, Complied with given condition.	-
v	The residue collected from the evaporator shall be documented by maintaining proper register and it should be made available at the time of inspection.	Yes, Complied with given condition.	-
vi	Adequate dust extraction system such as Ducting with dust extracting arrangement wherever required shall be established to achieve Occupational –health standards and ambient air quality standards	Yes, Complied with given condition.	-
vii	The proponent shall carryout best housekeeping practices as spillage management for handling and maintenance of raw materials and products inside the unit premises.	Yes, Complied with given condition.	-



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viii	Nature of chemicals Handled, the Do and Don'ts shall be displayed at all vital locations as laid down in MSDS.	Yes, Complied with given condition.	-
ix	The proponent shall ensure that the quantity of Hazardous Waste handed over to the TSDF shall match with the quantity generated	Yes, Complied with given condition.	-
x	The proponent shall provide a separate closed area earmarked for storing solid waste including Hazardous Waste as proposed	Yes, Complied with given condition.	-
xi	The proponent shall dispose Hazardous Waste generated as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed off through TNPCB registered recyclers	Complied Existing Hazardous waste authorization valid up to 31.03.2027. Application submitted for Fresh Hazardous waste authorization	-
xii	The Plastic wastes shall be segregated and disposed as per the provisions of Plastic Waste (Management & Handling) Rules 2016.	Yes, Complied with given condition	-
xiii	The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per e waste (Management & Handling), Rules 2016 as amended	Yes, Complied with given condition.	-
xiv	The Municipal solid waste generated shall be collected, segregated and disposed as per Solid Waste Management Rules, 2016.	Yes, Complied with given condition	-
xv	The industry shall conduct air sampling at least once in six months for the general core parameters (PM ₁₀ , PM _{2.5} , SO _x , NO _x) through TNPCB/NABL Accredited Laboratory and maintain records of the same and it should be made available at the time of inspection.	Complied we are conducting ambient air Quality monitoring in the plant through NABL approved laboratory for every 3 months.	Environmental Monitoring report by NABL Lab attached as Annexure-9A



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xvi	Regular monitoring on the air quality, water quality and noise on the selected locations in and around the project site as mentioned in the EMP report for creating base line data shall be continued and records shall be maintained.	Yes, Complied with given condition	-
xvii	A separate environment and safety management cell with qualified staff shall be set up before establishment of the facility and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards	Yes, Complied with given condition	-
xviii	The Green belt area already developed within the project area shall be properly maintained.	Yes, Complied with given condition	-
xix	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per CFCB guidelines in consultation with the state forest department.	Complied The green belt area developed & maintaining more than 33% of the total project area.	Greenbelt Details attached as Annexure- 9B
xx	The industry shall promote tree plantation to neutralize their carbon foot print. The industry shall engage regularly in afforestation programme.	Yes, Complied with given condition.	-
xxi	The proponent shall ensure effective risk management strategy regarding confined space management to avoid risk while handling raw materials, products in the process area and storage	Complied Work permit system in place.	-
xxii	The energy sources for lighting purposes shall preferably be LED based.	Yes, Complied with given condition	-
xxiii	The industry shall conduct air sampling at least twice in a week (104 times in a year), as stipulated under EP Act 1986.	Complied Online air quality monitoring station available.	-



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xxiv	Risk cum disaster management plan should be in placed in the industry premises at all time.	Yes, Complied with given condition.	-
xxv	Water conservation scheme including rain water harvesting measures to augment ground water resources shall be implemented so as to collect and reuse the entire rainwater harvested as a supplement to fresh water	Yes, Complied with given condition.	-
xxvi	The natural drainage pattern in the project area shall be maintained and storm water drain along the boundary and appropriate places shall be provided considering the Catchment area and maximum intensity of rainfall to collect runoff water/rain water for proper disposal to avoid flooding around the premises.	Yes, Complied with given condition	-
xxvii	The Environmental Clearance is issued without prejudice to any order that may be passed by the Hon'ble NGT/ Hon'ble High Court of Madras.	Noted for compliance	-
xxviii	All the assurances given in EIA and EMP shall be adhered to strictly	Yes, Complied with given condition.	-
xxix	Detail study shall be carried out by engaging accredited agencies / reputed institutions for Risk management and detailed Disaster management plan prepared for compliance.	Yes, Complied with given condition.	-
xxx	Sufficient funds should be provided for Audit management.	Yes, Complied with given condition.	-
xxxi	The Project Proponent shall provide disinfection by UV system for the sewage treatment plant for treating the sewage before applying on land for gardening	Complied UV system provided in STP treated water discharge point.	-



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xxxii	The project proponent shall provide sufficient ventilation (air circulation) in the hazardous waste storage yard where the hazardous waste like spent carbon, Chemical sludge, used or spent oil are being kept	Yes, Complied with given condition.	-
xxxiii	The Project Proponent shall carry out safety audit in the different operating zones of the plant at least once in a year and the same shall be considered as base for reviewing the unsafe conditions during the plant safety meeting	Complied Safety audit conducted by 3 rd party DNV-GL	ISO 45001:2018. Certificates Attached as Annexure-09.
xxxiv	The Project Proponent shall prepare a code of practice for safe operation for educating the safety standards to the work force deployed in the plant through appropriate training by the concerned experts	Yes, Complied with given condition.	.
xxxv	As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed	Yes, Complied with given condition.	-
xxxvi	The Activity of the industry should not impact on agricultural, irrigation system and mangroves surrounding the area.	Noted for compliance	-.
xxxvi i	The EMP cost of Rs.500 lakhs and operation and maintenance cost Rs. 1200 lakhs shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	Separate SAP GL account maintained for EMP and same will be submitted to TNPCB & SEIAA.	-.
xxxvi ii	There should be no threat to Bio diversity due to the operation of the industry.	Yes, Complied with given condition.	-.
xxxix	The flora & fauna present in and around the project site should not get affected due to the activity as reported	Noted for compliance	-.
xl	The Project Proponent has to provide rain water harvesting collection tank to the capacity of 80cu.m in	Complied Rainwater Harvesting	



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	order to recover and reuse the rain water during normal rains	pond provided. Yes, Complied with given condition.	
xli	The operation of the activity should not impact on the soil, micro flora & Fauna present in and around the project site	Noted for compliance	-
xlii	The project proponent shall carry out risk assessment process for all the operations involved in the plant and a suitable risk management plan showing the contours of sensitive zones should be prepared	Yes, Complied with given condition	-
xliii	The project proponent shall take up better housekeeping measures including scraps disposal and up keeping the machineries, pipes, etc.	Yes, Complied with given condition	-
xliv	The proponent should continuously monitor the VOC and ensure that VOC levels are within permissible limits	Yes, Complied with given condition	-
(D) General Conditions			
i	This Environmental Clearance shall not be cited to relax any other rules applicable to this project.	Noted for compliance	-
ii	The Project Proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the Environmental Clearance informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with TNPCB	Complied Advertisement given in two local newspapers widely circulated in Tamil & English on 13.03.2019.	Newspaper photo copies Attached as Annexure-10
iii	A copy of the Environmental Clearance shall be sent by the project proponent to concerned local body and local NGO, if any from whom suggestions/representatives, if any were received while processing the proposal.	Noted for compliance	-
iv	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Yes, Complied with given condition AAQ Monitoring data- Display board installed	



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		in gate entry for disclosure to the public	
v	The Environmental Clearance shall also be put on the website of the company.	Complied EC copy uploaded in to the company website. Complied with given condition	-
vi	No expansion or modernization in the project shall be carried out without prior approval of the SEIAA-TN. In case of any deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the SEIAA-TN to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted for compliance	-
vii	All the environmental protection measures and safeguards as recommended in the EIA report shall be complied	Noted for compliance	-
viii	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned SPCB as prescribed under the environment(Protection) rules, 1986, as amended subsequently and put on the website of the company	Yes, Complied with given condition	Proof of Form-V submission attached as Annexure-11
ix	The implementation of the project vis-à-vis environmental action plans shall be monitored by the Regional office of MoEF& CC at Chennai, TNPCB and CPCB. A six monthly compliance status report shall be submitted to monitoring agencies regularly.	Yes, Complied with given condition	-
x	Data on ambient air, stack and fugitive emissions shall be regularly submitted online to the Regional office of MoEF&CC,GOI, at Chennai, TNPCB and Central Pollution Control Board as well as hard copy once in six months and display data on RSPM, SO ₂ and NO _x outside the premises at the appropriate place for the general public.	Yes, Complied with given condition	-



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xi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Yes, Complied with given condition	-
xii	Proper house-keeping and cleanliness must be maintained within and outside the plant.	Yes, Complied with given condition	-
xiii	Occupational health surveillance programme shall be undertaken as regular exercise for all the employees, especially for those engaged in handling hazardous substances. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee should be maintained separately	Yes, Complied with given condition	-
xiv	The overall noise levels in and around the plant area shall be kept well within the standards prescribed for by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75dBA (day time) and 70 dBA (night time).	Yes, Complied with given condition	-
xv	A separate Environmental Management Cell equipped with full fledged laboratory facilities to carry out the various Environmental Management and Monitoring functions shall be set up under the control of a Senior Executive.	Yes, complied with given condition	-
xvi	The requisite amount earmarked towards capital cost and recurring cost/annum for implementing pollution control measures shall be used judiciously to implement the Environment Management Plan as furnished in the EIA report. The funds so provided shall not be diverted for any other purposes	Yes, Complied with given condition	-
xvii	The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF&CC, GOI at Chennai, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public	Yes, Complied with given condition	AAQ data- Display board installed at main gate photo copy attached as Annexure-12

Compliance Statement for Environmental Clearance vide Letter No. SEIAA / TN/F.5869/5 (F)/EC-67/2019 dated: 20.02.2019

	domain		
xviii	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned 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 conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail	Yes, Complied with given condition	-
xix	Environmental Clearance is being issued without prejudice to the action initiated under Environment (Protection) Act, 1986 or any court case pending or any other court order shall prevail.	Noted for compliance	-
xx	The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection	Noted for compliance	-
xxi	The SEIAA/SEAC or any Competent Authority may suitably add any further condition(s) on receiving reports from the project authority. The above condition shall be monitored by the Regional Office of MoEF located at Chennai.	Noted for compliance	-
xxii	The SEIAA, TN may revoke or suspend the Environmental clearance, if implementation of any of the above conditions is not satisfactory	Noted for compliance	-
xxiii	The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance	Noted for compliance	-



xxiv	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	Noted for compliance	-
xxv	The SELIAA-TN reserves the right to stipulate additional conditions if found necessary. The industry in a time bound manner shall implement these conditions.	Noted for compliance	-
xxvi	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter.	Noted for compliance	-
xxvii	Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted for compliance	-

12-01-2023
Smt
Checked by
(R. J. Ramach)

Page 19 of 19

List of Annexures

- Annexure-01 - CTO Copy- Air & Water**
- Annexure-02 - Scrubber Stack Monitoring report**
- Annexure-2A - Fugitive Emission Monitoring report**
- Annexure-03 - AAQ Mobile Van Photos attached**
- Annexure-04 - Fresh water supply approval copy – CMWSSB**
- Annexure-05 - Rain Water Harvesting Plan & Photos**
- Annexure-5A - DG retrofit device photo & analysis report**
- Annexure-06 - CER Details & Photos**
- Annexure-07 - EHS Policy**
- Annexure-08 - Environmental Management Plan**
- Annexure-09 - IMS certificates (ISO 45001:2018 & ISO 14001:2015)**
- Annexure-9A - Environmental Monitoring Report by NABL Lab**
- Annexure-9B - Greenbelt Details**
- Annexure-10 - News Paper advertisement copies**
- Annexure-11 - Submission of Form-v acknowledgement copy**
- Annexure-12 - Display Board**
- Annexure-A - EC amendment copy 20.07.2020**
- Annexure-B - EC amendment communication & Acknowledgment**



TAMIL NADU POLLUTION CONTROL BOARD

Category of the Industry :

RED

CONSENT ORDER NO. 2307247971467 DATED: 28/02/2023.

PROCEEDINGS NO.T6/TNPCB/F.0846AMB/RL//AMB/A/2023 DATED: 28/02/2023

SUB: Tamil Nadu Pollution Control Board –CONSENT TO OPERATE FOR EXPANSION-I -M/s. NATCO PHARMA LIMITED PHASE I , S.F.No. 73/1A,73/2,74/7B,78/1B,79/1,79/2B,79/3,79/4B,79/5,79/6A,79/6B,79/7,80/1,80/2,80/3,80/4,84/1,84/2,84/3A,84/5A,84/6,84/7A,85/1,85/2B,86/2B,86/2C,86/2D2,86/3B,86/4, 86/5,86/6,86/7,86/8 & 86/9, MANALI village Thiruvottiyur Taluk and Chennai District - Consent for operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) –Issued- Reg.

REF: 1. Board Proc. No. T6/TNPCB/F.0846AMB/RL/AMB/W&A/2022 DATED: 25/04/2022.
2. Application No. 47971467 date: 08/12/2022 for CTO – Expansion-Phase I
3. IR.No : F.0846AMB/RL/JCEE-M/AMB/2023 dated 06/02/2023
4. Minutes of TSC meeting (item No.211-9) held on 22.02.2023

CONSENT TO OPERATE FOR EXPANSION is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as “The Act”) and the rules and orders made there under to

Director & Executive Vice President ,
M/s . NATCO PHARMA LIMITED PHASE I
S.F No.73/1A,73/2,74/7B,78/1B,79/1,79/2B,79/3,
79/4B,79/5,79/6A,79/6B,79/7,80/1,80/2,80/3,80/4,84/1,84/2,84/3A,84/5A,84/6,84/7A,85/1,85/2B,86/2B,86/2C,86/2D2,86/3B,86/4,
86/5,86/6,86/7,86/8 & 86/9,
MANALI Village,
Thiruvottiyur Taluk,
Chennai District.

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This CONSENT is valid for the period ending March 31, 2024

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To
Director & Executive Vice President ,
M/s.NATCO PHARMA LIMITED PHASE I,



TAMIL NADU POLLUTION CONTROL BOARD

Category of the Industry :

RED

CONSENT ORDER NO. 2307147971467 DATED: 28/02/2023.

PROCEEDINGS NO.T6/TNPCB/F.0846AMB/RL/AMB/W/2023 DATED: 28/02/2023

SUB: Tamil Nadu Pollution Control Board –CONSENT TO OPERATE FOR EXPANSION-I -M/s. NATCO PHARMA LIMITED PHASE I , S.F.No. 73/1A,73/2,74/7B,78/1B,79/1,79/2B,79/3,79/4B,79/5,79/6A,79/6B,79/7,80/1,80/2,80/3,80/4,84/1,84/2,84/3A,84/5A,84/6,84/7A,85/1,85/2B,86/2B,86/2C,86/2D2,86/3B,86/4, 86/5,86/6,86/7,86/8 & 86/9, MANALI villageThiruvottiyur Taluk and Chennai District - Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg.

REF: 1. Board Proc. No. T6/TNPCB/F.0846AMB/RL/AMB/W&A/2022 DATED: 25/04/2022.
2. Application No. 47971467 date: 08/12/2022 for CTO – Expansion-Phase I
3. IR.No : F.0846AMB/RL/JCEE-M/AMB/2023 dated 06/02/2023
4. Minutes of TSC meeting (item No.211-9) held on 22.02.2023

CONSENT TO OPERATE FOR EXPANSION is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as “The Act”) and the rules and orders made there under to

Director & Executive Vice President ,
M/s . NATCO PHARMA LIMITED PHASE I
S.F No.73/1A,73/2,74/7B,78/1B,79/1,79/2B,79/3,
79/4B,79/5,79/6A,79/6B,79/7,80/1,80/2,80/3,80/4,84/1,84/2,84/3A,84/5A,84/6,84/7A,85/1,85/2B,86/2B,86/2C,86/2D2,86/3B,86/4,
86/5,86/6,86/7,86/8 & 86/9,
MANALI Village,
Thiruvottiyur Taluk,
Chennai District.

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This CONSENT is valid for the period ending March 31, 2024

**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

To
Director & Executive Vice President ,
M/s.NATCO PHARMA LIMITED PHASE I,

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
 Guindy, Chennai - 600 032.
 Ph: 42985555 / 43635555 Fax : 42985500
 E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
 ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
 Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
 Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/037/110123
 Report Date : 17/01/2023

Sample Description : Stack Emission
 Sample Mark : MPB_02-SCR-304
 Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
 Sampling/received Date : 11/01/2023 - 11/01/2023
 Analysis Commenced On : 11/01/2023

Completed On : 17/01/2023

S.No.	Parameters	Units	Results	Test Method	CPCB Standards
1	Sulphur Dioxide	mg/Nm ³	BLQ(LOQ: 4.0)	IS 11255 (Part-2) 1985	NA
2	Carbon dioxide	%V/V	2.16	IS 13270 - 1992	NA
3	Hydrochloric Acid as Cl ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
4	Bromine as Br ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
5	Nitric Acid as NO ₃ ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
6	Acetic Acid as CH ₃ COO ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA


Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report


 Verified By




 Authorized Signatory
SIVAPRAKASAM. M
 Lab Manager

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax : 42985500

E-mail : labsales@hecs.in

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(Chemical & Biological Testing)

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/038/110123
Report Date : 17/01/2023

Sample Description : Stack Emission
Sample Mark : MPB_01-SCR-305
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/01/2023 -11/01/2023
Analysis Commenced On : 11/01/2023

Completed On : 17/01/2023

S.No.	Parameters	Units	Results	Test Method	CPCB Standards
1	Sulphur Dioxide	mg/Nm ³	BLQ(LOQ: 4.0)	IS 11255 (Part-2) 1985	NA
2	Carbon diOxide	%V/V	2.06	IS 13270 - 1992	NA
3	Hydrochloric Acid as Cl ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
4	Bromine as Br ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
5	Nitric Acid as NO ₃ ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
6	Acetic Acid as CH ₃ COO ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA


Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report

Verified By 




Authorized Signatory
SIVAPRAKASAM. M
Lab Manager

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization 2. Samples are not drawn by HECS unless or otherwise mentioned 3. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report. 4. Under no circumstances lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax : 42985500

E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/039/110123

Report Date : 17/01/2023

Sample Description : Stack Emission
Sample Mark : MPB_01-SCR-308
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/01/2023 - 11/01/2023
Analysis Commenced On : 11/01/2023

Completed On : 17/01/2023

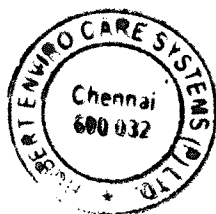
S.No.	Parameters	Units	Results	Test Method	CPCB Standards
1	Sulphur Dioxide	mg/Nm ³	BLQ(LOQ: 4.0)	IS 11255 (Part-2) 1985	NA
2	Carbon diOxide	%V/V	1.96	IS 13270 - 1992	NA
3	Hydrochloric Acid as Cl ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
4	Bromine as Br ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
5	Nitric Acid as NO ₃ ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
6	Acetic Acid as CH ₃ COO ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA


Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report


Verified By




Authorized Signatory
SIVAPRAKASAM. M
Lab. Manager

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization. 2. Samples are not drawn by HECS unless or otherwise mentioned. 3. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report. 4. Under no circumstances lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
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Ph: 42985555 / 43635555 Fax : 42985500

E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/040/110123

Report Date : 17/01/2023

Sample Description : Stack Emission
Sample Mark : MPB_01-SCR-34
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/01/2023 - 11/01/2023
Analysis Commenced On : 11/01/2023

Completed On : 17/01/2023

S.No.	Parameters	Units	Results	Test Method	CPCB Standards
1	Sulphur Dioxide	mg/Nm ³	BLQ(LOQ: 4.0)	IS 11255 (Part-2) 1985	NA
2	Carbon diOxide	%V/V	1.82	IS 13270 - 1992	NA
3	Hydrochloric Acid as Cl ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
4	Bromine as Br ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
5	Nitric Acid as NO ₃ ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
6	Acetic Acid as CH ₃ COO ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report

Verified By



Authorized Signatory

SIVAPRAKASAM. M

Lab Manager

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.
Ph: 42985555 / 43635555 Fax : 42985500
E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/041/110123
Report Date : 17/01/2023

Sample Description : Stack Emission
Sample Mark : MPB_03-SCR-307
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/01/2023 - 11/01/2023
Analysis Commenced On : 11/01/2023

Completed On : 17/01/2023

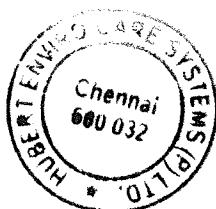
S.No.	Parameters	Units	Results	Test Method	CPCB Standards
1	Sulphur Dioxide	mg/Nm ³	BLQ(LOQ: 4.0)	IS 11255 (Part-2) 1985	NA
2	Carbon diOxide	%V/V	2.14	IS 13270 - 1992	NA
3	Hydrochloric Acid as Cl ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
4	Bromine as Br ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
5	Nitric Acid as NO ₃ ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
6	Acetic Acid as CH ₃ COO ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report


Verified By




Authorized Signatory
SIVAPRAKASAM. M
Lab Manager

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.
Ph: 42985555 / 43635555 Fax : 42985500
E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/042/110123
Report Date : 17/01/2023

Sample Description : Stack Emission
Sample Mark : MPB_01-SCR-301
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/01/2023 - 11/01/2023
Analysis Commenced On : 11/01/2023

Completed On : 17/01/2023

S.No.	Parameters	Units	Results	Test Method	CPCB Standards
1	Sulphur Dioxide	mg/Nm ³	BLQ(LOQ: 4.0)	IS 11255 (Part-2) 1985	NA
2	Carbon diOxide	%V/V	1.88	IS 13270 - 1992	NA
3	Hydrochloric Acid as Cl ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
4	Bromine as Br ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
5	Nitric Acid as NO ₃ ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA
6	Acetic Acid as CH ₃ COO ⁻	mg/Nm ³	BLQ(LOQ: 0.1)	HECS-G/INS/SOP/056	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report

G. [Signature]
Verified By



[Signature]
Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization. 2. Samples are not drawn by HECS unless or otherwise mentioned. 3. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report. 4. Under no circumstances lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.
Ph: 42985555 / 43635555 Fax : 42985500
E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/042/110123
Report Date : 17/01/2023

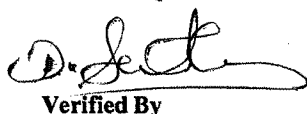
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Sample Mark : MPB_01-SCR-301
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/01/2023 -11/01/2023
Analysis Commenced On : 11/01/2023

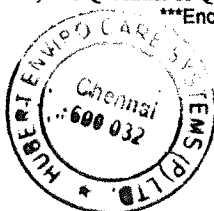
Completed On : 17/01/2023

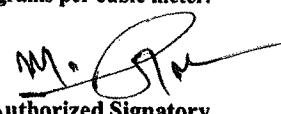
S.No.	Parameters	Units	Results	Test Method
1	Dichloromethane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
2	Chloroform	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
3	Acetone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
4	Methanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
5	Ethanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
6	Isopropyl Alcohol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
7	1,4-Dioxane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
8	Acetonitrile	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
9	Isopropyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
10	n-Butanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
11	Ethyl acetate	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
12	n-Heptane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
13	Tetrahydrofuran	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
14	Dimethyl sulfoxide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
15	Hexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
16	Toluene	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
17	Diethyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
18	Methyl Ethyl Ketone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
19	N,N- Dimethylacetamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
20	n-Pentane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
21	Dimethyl Formamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
22	Cyclohexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
23	Methyl tertiary butyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter.

End of Report


Verified By




Authorized Signatory
SIVAPRAKASAM. M
Lab Manager

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax : 42985500

E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/042/110123

Report Date : 17/01/2023

Sample Description : Stack Emission
Sample Mark : MPB_01-SCR-301
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/01/2023 - 11/01/2023
Analysis Commenced On : 11/01/2023

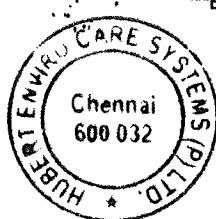
Completed On : 17/01/2023

S.No.	Parameters	Units	Results	Test Method
1	Dichloromethane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
2	Chloroform	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
3	Acetone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
4	Methanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
5	Ethanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
6	Isopropyl Alcohol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
7	1,4-Dioxane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
8	Acetonitrile	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
9	Isopropyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
10	n-Butanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
11	Ethyl acetate	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
12	n-Heptane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
13	Tetrahydrofuran	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
14	Dimethyl sulfoxide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
15	Hexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
16	Toluene	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
17	Diethyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
18	Methyl Ethyl Ketone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
19	N,N- Dimethylacetamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
20	n-Pentane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
21	Dimethyl Formamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
22	Cyclohexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
23	Methyl tertiary butyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028

Note: - BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter.

End of Report


Verified By




Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

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HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.A-21, III Phase, Thiru Vi Ka Industrial Estate,
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Ph: 42985555 / 43635555 Fax : 42985500

E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/033/110123

Report Date : 17/01/2023

Sample Description : Stack Emission - VOC
Sample Mark : MPB_01-SCR-308
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/01/2023 -11/01/2023
Analysis Commenced On : 11/01/2023

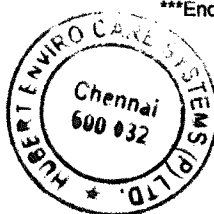
Completed On : 17/01/2023

S.No.	Parameters	Units	Results	Test Method
1	Dichloromethane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
2	Chloroform	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
3	Acetone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
4	Methanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
5	Ethanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
6	Isopropyl Alcohol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
7	1,4-Dioxane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
8	Acetonitrile	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
9	Isopropyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
10	n-Butanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
11	Ethyl acetate	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
12	n-Heptane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
13	Tetrahydrofuran	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
14	Dimethyl sulfoxide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
15	Hexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
16	Toluene	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
17	Diethyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
18	Methyl Ethyl Ketone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
19	N,N- Dimethylacetamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
20	n-Pentane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
21	Dimethyl Formamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
22	Cyclohexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
23	Methyl tertiary butyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter.

End of Report

[Signature]
Verified By



[Signature]
Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

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E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/034/110123

Report Date : 17/01/2023


Sample Description : Stack Emission - VOC
Sample Mark : MPB_01-SCR-34
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/01/2023 -11/01/2023
Analysis Commenced On : 11/01/2023

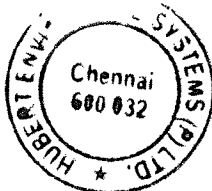
Completed On : 17/01/2023

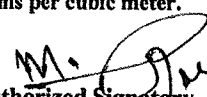
S.No.	Parameters	Units	Results	Test Method
1	Dichloromethane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
2	Chloroform	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
3	Acetone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
4	Methanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
5	Ethanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
6	Isopropyl Alcohol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
7	1,4-Dioxane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
8	Acetonitrile	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
9	Isopropyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
10	n-Butanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
11	Ethyl acetate	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
12	n-Heptane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
13	Tetrahydrofuran	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
14	Dimethyl sulfoxide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
15	Hexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
16	Toluene	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
17	Diethyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
18	Methyl Ethyl Ketone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
19	N,N- Dimethylacetamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
20	n-Pentane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
21	Dimethyl Formamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
22	Cyclohexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
23	Methyl tertiary butyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter.

End of Report


Verified By




Authorized Signatory
SIVAPRAKASAM. M
Lab Manager

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HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
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E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,

Report No. : HECSL/ST/035/110123

Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report Date : 17/01/2023

Sample Description : Stack Emission - VOC

Sample Mark : MPB_01-SCR-301

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd

Sampling/received Date : 11/01/2023 - 11/01/2023

Analysis Commenced On : 11/01/2023

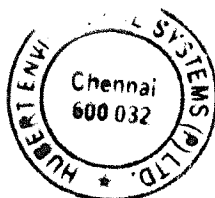
Completed On : 17/01/2023

S.No.	Parameters	Units	Results	Test Method
1	Dichloromethane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
2	Chloroform	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
3	Acetone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
4	Methanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
5	Ethanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
6	Isopropyl Alcohol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
7	1,4-Dioxane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
8	Acetonitrile	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
9	Isopropyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
10	n-Butanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
11	Ethyl acetate	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
12	n-Heptane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
13	Tetrahydrofuran	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
14	Dimethyl sulfoxide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
15	Hexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
16	Toluene	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
17	Diethyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
18	Methyl Ethyl Ketone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
19	N,N- Dimethylacetamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
20	n-Pentane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
21	Dimethyl Formamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
22	Cyclohexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
23	Methyl tertiary butyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter.

End of Report

Verified By



Authorized Signatory

SIVAPRAKASAM. M

Lab Manager

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E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/036/110123

Report Date : 17/01/2023

Sample Description : Stack Emission - VOC
Sample Mark : MPB_03-SCR-307
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/01/2023 - 11/01/2023
Analysis Commenced On : 11/01/2023

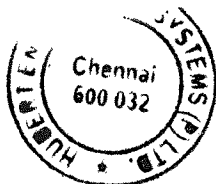
Completed On : 17/01/2023

S.No.	Parameters	Units	Results	Test Method
1	Dichloromethane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
2	Chloroform	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
3	Acetone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
4	Methanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
5	Ethanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
6	Isopropyl Alcohol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
7	1,4-Dioxane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
8	Acetonitrile	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
9	Isopropyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
10	n-Butanol	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
11	Ethyl acetate	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
12	n-Heptane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
13	Tetrahydrofuran	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
14	Dimethyl sulfoxide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
15	Hexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
16	Toluene	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
17	Diethyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
18	Methyl Ethyl Ketone	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
19	N,N- Dimethylacetamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
20	n-Pentane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
21	Dimethyl Formamide	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
22	Cyclohexane	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028
23	Methyl tertiary butyl ether	µg/Nm3	BLQ(LOQ 0.01)	HESCG/INS/SOP/028

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter.

End of Report

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Lab Manager

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HECS-G/Q/FMT/49

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TEST REPORT

Page : 1 of 3

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/ST/007/110223

Report Date : 15/02/2023

Sample Description : Fugitive Emission - TVOC
Sample Mark : MPB_01-Main Production Block
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/02/2023 -11/02/2023
Analysis Commenced On : 11/02/2023

Completed On : 15/02/2023

S.No.	Parameters	Units	Results	Test Method
1	1,1,1,2-Tetrachloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
2	1,1,1-Trichloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
3	1,1,2,2-Tetrachloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
4	1,1,2-Trichloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
5	1,1-Dichloro-1-propene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
6	1,1-Dichloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
7	1,1-Dichloroethylen	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
8	1,2-Dichloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
9	1,2,3-Trichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
10	1,2,3-Trichloropropane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
11	1,2,4-Trichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
12	1,2,4-Trimethylbenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
13	1,2-Dibromo-3 chloropropane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
14	1,2-Dibromoethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
15	1,2-Dichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
16	1,2-Dichloropropane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
17	1,3,5-Trimethylbenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
18	1,3-Dichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
19	1,3-Dichloropropane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
20	1,4-Dichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
21	2,2-Dichloropropane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
22	2-Chlorotoluene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
23	4-Chlorotoluene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
24	Benzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028

Verified By



Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

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HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.
Ph: 42985555 / 43635555 Fax : 42985500
E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
FSSAI Notified Laboratory
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 2 of 3

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.


Report No. : HECSL/ST/007/110223

Report Date : 15/02/2023

Sample Description : Fugitive Emission - TVOC
Sample Mark : MPB_01-Main Production Block
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/02/2023 - 11/02/2023
Analysis Commenced On : 11/02/2023

Completed On : 15/02/2023

S.No.	Parameters	Units	Results	Test Method
25	Bromobenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
26	Bromochloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
27	Bromodichloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
28	Bromoform	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
29	Carbon tetrachloride	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
30	Chlorobenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
31	Chloroform	ppm	0.052	HECS/INS/SOP/073
32	Cis-1,2-Dichloroethene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
33	Cis-1,3-Dichloropropene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
34	Dibromochloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
35	Dibromomethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
36	Dichloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
37	Ethylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
38	Hexachloro-1,3-butadiene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
39	Isopropylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
40	m,p-Xylene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
41	Napthalene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
42	n-Butylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
43	o-Xylene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
44	p-Isopropyltoluene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
45	Propylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
47	Sec-Butylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
48	Styrene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073


Verified By




Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

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TEST REPORT

Page : 3 of 3

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.


Report No. : HECSL/ST/007/110223
Report Date : 15/02/2023

Sample Description : Fugitive Emission - TVOC
Sample Mark : MPB_01-Main Production Block
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 11/02/2023 - 11/02/2023
Analysis Commenced On : 11/02/2023

Completed On : 15/02/2023

S.No.	Parameters	Units	Results	Test Method
48	Tert-Butylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
49	Tetrachloroethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
50	Toluene	ppm	0.058	HECS/INS/SOP/073
51	Trans-1,2-Dichloroethene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
52	trans-1,3-Dichloropropene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
53	Trichloroethylene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
54	Acetone	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
55	2-Butanone	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
56	Methanol	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
57	1-Propanol	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
58	2-Propanol	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
59	2-Hexanone	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
60	4-Ethyl Toluene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
61	Ethyl Acetate	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
62	Cyclohexane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
63	Chloroethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
64	Carbontetrachloride	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073

Note:-BLQ-Below limit of Quantification, LOQ-Limit of Quantification,ppm-Parts per million..
End of Report


Verified By




Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

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HECS-G/Q/FMT/49

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Laboratory Services Division

(Chemical & Biological Testing)
FSSAI Notified Laboratory
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 3

Name of the Client : M/s. NATCO Pharma Limited.,

Report No. : HECSL/ST/008/110223

Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report Date : 15/02/2023

Sample Description : Fugitive Emission - TVOC

Sample Mark : MPB_02- Main Production Block

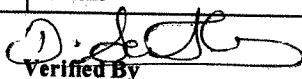
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd

Sampling/received Date : 11/02/2023 - 11/02/2023

Analysis Commenced On : 11/02/2023

Completed On : 15/02/2023

S.No.	Parameters	Units	Results	Test Method
1	1,1,1,2-Tetrachloroethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
2	1,1,1-Trichloroethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
3	1,1,2,2-Tetrachloroethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
4	1,1,2-Trichloroethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
5	1,1-Dichloro-1-propene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
6	1,1-Dichloroethane	ppm	0.019	HECS/INS/SOP/073
7	1,1-Dichloroethylen	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
8	1,2-Dichloroethane	ppm	0.026	HECS/INS/SOP/073
9	1,2,3-Trichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
10	1,2,3-Trichloropropane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
11	1,2,4-Trichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
12	1,2,4-Trimethylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
13	1,2-Dibromo-3 chloropropane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
14	1,2-Dibromoethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
15	1,2-Dichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
16	1,2-Dichloropropane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
17	1,3,5-Trimethylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
18	1,3-Dichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
19	1,3-Dichloropropane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
20	1,4-Dichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
21	2,2-Dichloropropane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
22	2-Chlorotoluene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
23	4-Chlorotoluene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
24	Benzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073

Verified By Authorized Signatory **SIVAPRAKASAM. M**
Lab Manager

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HECS-G/Q/FMT/49

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Guindy, Chennai - 600 032.

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E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

FSSAI Notified Laboratory

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 2 of 3

Name of the Client : M/s. NATCO Pharma Limited.,

Report No. : HECSL/ST/008/110223

Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report Date : 15/02/2023

Sample Description : Fugitive Emission - TVOC

Sample Mark : MPB_02- Main Production Block

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd

Sampling/received Date : 11/02/2023 - 11/02/2023

Analysis Commenced On : 11/02/2023

Completed On : 15/02/2023

S.No.	Parameters	Units	Results	Test Method
25	Bromobenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
26	Bromochloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
27	Bromodichloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
28	Bromoform	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
29	Carbontetrachloride	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
30	Chlorobenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
31	Chloroform	ppm	0.032	HECS/INS/SOP/073
32	Cis-1,2-Dichloroethene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
33	Cis-1,3-Dichloropropene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
34	Dibromochloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
35	Dibromomethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
36	Dichloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
37	Ethylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
38	Hexachloro-1,3-butadiene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
39	Isopropylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
40	m,p-Xylene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
41	Napthalene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
42	n-Butylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
43	o-Xylene	ppm	0.038	HECS/INS/SOP/073
44	p-Isopropyltoluene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
45	Propylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
46	Sec-Butylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
47	Styrene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073

Verified By



Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

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TEST REPORT

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Name of the Client : M/s. NATCO Pharma Limited.,

Report No. : HECSL/ST/008/110223

Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report Date : 15/02/2023

Sample Description : Fugitive Emission - TVOC

Sample Mark : MPB_02- Main Production Block

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd

Sampling/received Date : 11/02/2023 - 11/02/2023

Analysis Commenced On : 11/02/2023

Completed On : 15/02/2023

S.No.	Parameters	Units	Results	Test Method
48	Tert-Butylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
49	Tetrachloroethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
50	Toluene	ppm	0.062	HECS/INS/SOP/073
51	Trans-1,2-Dichloroethene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
52	trans-1,3-Dichloropropene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
53	Trichloroethylene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
54	Acetone	ppm	0.051	HECS/INS/SOP/073
55	2-Butanone	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
56	Methanol	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
57	1-Propanol	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
58	2-Propanol	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
59	2-Hexanone	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
60	4-Ethyl Toluene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
61	Ethyl Acetate	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
62	Cyclohexane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
63	Chloroethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
64	Carbontetrachloride	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073

Note:-BLQ-Below limit of Quantification, LOQ-Limit of Quantification,ppm-Parts per million..



Verified By


Authorized Signatory**SIVAPRAKASAM.**
Lab Manager

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TEST REPORT

Page : 1 of 3

Name of the Client : M/s. NATCO Pharma Limited.,

Report No. : HECSL/ST/009/110223

Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report Date : 15/02/2023

Sample Description : Fugitive Emission - TVOC

Sample Mark : MPB_03-GN 304

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd

Sampling/received Date : 11/02/2023 - 11/02/2023

Analysis Commenced On : 11/02/2023

Completed On : 15/02/2023

S.No.	Parameters	Units	Results	Test Method
1	1,1,1,2-Tetrachloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
2	1,1,1-Trichloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
3	1,1,2,2-Tetrachloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
4	1,1,2-Trichloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
5	1,1-Dichloro-1-propene	ppm	0.013	HECS-G/INS/SOP/028
6	1,1-Dichloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
7	1,1-Dichloroethylen	ppm	0.024	HECS-G/INS/SOP/028
8	1,2-Dichloroethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
9	1,2,3-Trichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
10	1,2,3-Trichloropropane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
11	1,2,4-Trichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
12	1,2,4-Trimethylbenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
13	1,2-Dibromo-3 chloropropane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
14	1,2-Dibromoethane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
15	1,2-Dichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
16	1,2-Dichloropropane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
17	1,3,5-Trimethylbenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
18	1,3-Dichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
19	1,3-Dichloropropane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
20	1,4-Dichlorobenzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
21	2,2-Dichloropropane	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
22	2-Chlorotoluene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
23	4-Chlorotoluene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028
24	Benzene	ppm	BLQ(LOQ 0.01)	HECS-G/INS/SOP/028

Verified By



Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization. 2. Samples are not drawn by HECS unless or otherwise mentioned. 3. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report. 4. Under no circumstances lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax : 42985500

E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

FSSAI Notified Laboratory

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Name of the Client : M/s. NATCO Pharma Limited.,

Page : 2 of 3
Report No. : HECSL/ST/009/110223Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report Date : 15/02/2023

Sample Description : Fugitive Emission - TVOC

Sample Mark : MPB_03-GN 304

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd

Sampling/received Date : 11/02/2023 - 11/02/2023

Analysis Commenced On : 11/02/2023

Completed On : 15/02/2023

S.No.	Parameters	Units	Results	Test Method
25	Bromobenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
26	Bromochloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
27	Bromodichloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
28	Bormoform	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
29	Carbontetrachloride	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
30	Chlorobenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
31	Chloroform	ppm	0.052	HECS/INS/SOP/073
32	Cis-1,2-Dichloroethene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
33	Cis-1,3-Dichloropropene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
34	Dibromochloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
35	Dibromomethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
36	Dichloromethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
37	Ethylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
38	Hexachloro-1,3-butadiene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
39	Isopropylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
40	m,p-Xylene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
41	Napthalene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
42	n-Butylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
43	o-Xylene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
44	p-Isopropyltoluene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
45	Propylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
47	Sec-Butylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
48	Styrene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073

Verified By



Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

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HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax : 42985500

E-mail : labsales@hecs.in

Laboratory Services Division

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ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 3 of 3

Name of the Client : M/s. NATCO Pharma Limited.,

Report No. : HECSL/ST/009/110223

Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report Date : 15/02/2023

Sample Description : Fugitive Emission - TVOC

Sample Mark : MPB_03-GN 304

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd

Sampling/received Date : 11/02/2023 - 11/02/2023

Analysis Commenced On : 11/02/2023

Completed On : 15/02/2023

S.No.	Parameters	Units	Results	Test Method
48	Tert-Butylbenzene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
49	Tetrachloroethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
50	Toluene	ppm	0.058	HECS/INS/SOP/073
51	Trans-1,2-Dichloroethene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
52	trans-1,3-Dichloropropene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
53	Trichloroethylene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
54	Acetone	ppm	DLQ(LOQ 0.01)	HECS/INS/SOP/073
55	2-Butanone	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
56	Methanol	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
57	1-Propanol	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
58	2-Propanol	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
59	2-Hexanone	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
60	4-Ethyl Toluene	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
61	Ethyl Acetate	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
62	Cyclohexane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
63	Chloroethane	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073
64	Carbontetrachloride	ppm	BLQ(LOQ 0.01)	HECS/INS/SOP/073

Note:-BLQ-Below limit of Quantification, LOQ-Limit of Quantification,ppm-Parts per million..



Verified By




Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

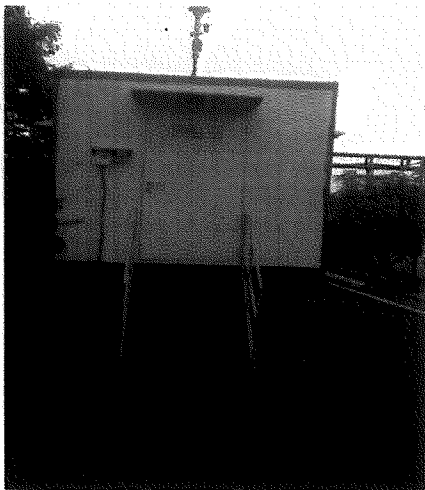
1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization. 2. Samples are not drawn by HECS unless or otherwise mentioned. 3. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report. 4. Under no circumstances lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS-G/Q/FMT/49

NATCO PHARMA LIMITED, CHEMICAL DIVISION-CHENNAI

**Ambient Air Quality (Natco Mobile van Station – SNAP Shot)
For (NO_x, SO₂, RSPM & CO) & For (VOC-MEEP, ETP & Production area)**

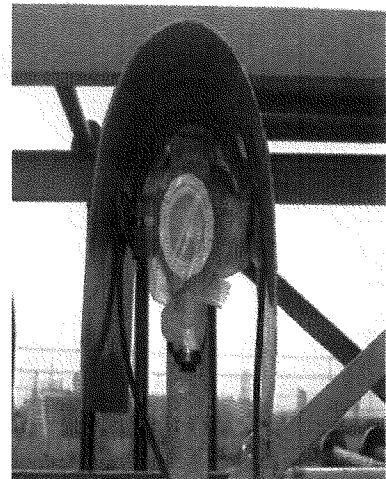
Ambient Air Quality Monitors for the parameters such as No_x, So_x, PM 2.5, PM10 & CO and TVOC-Production, TVOC-MEE, TVOC-ETP are connected to the Care Air Centre at all times and the data's are uplinked to Care Air Centre continuously



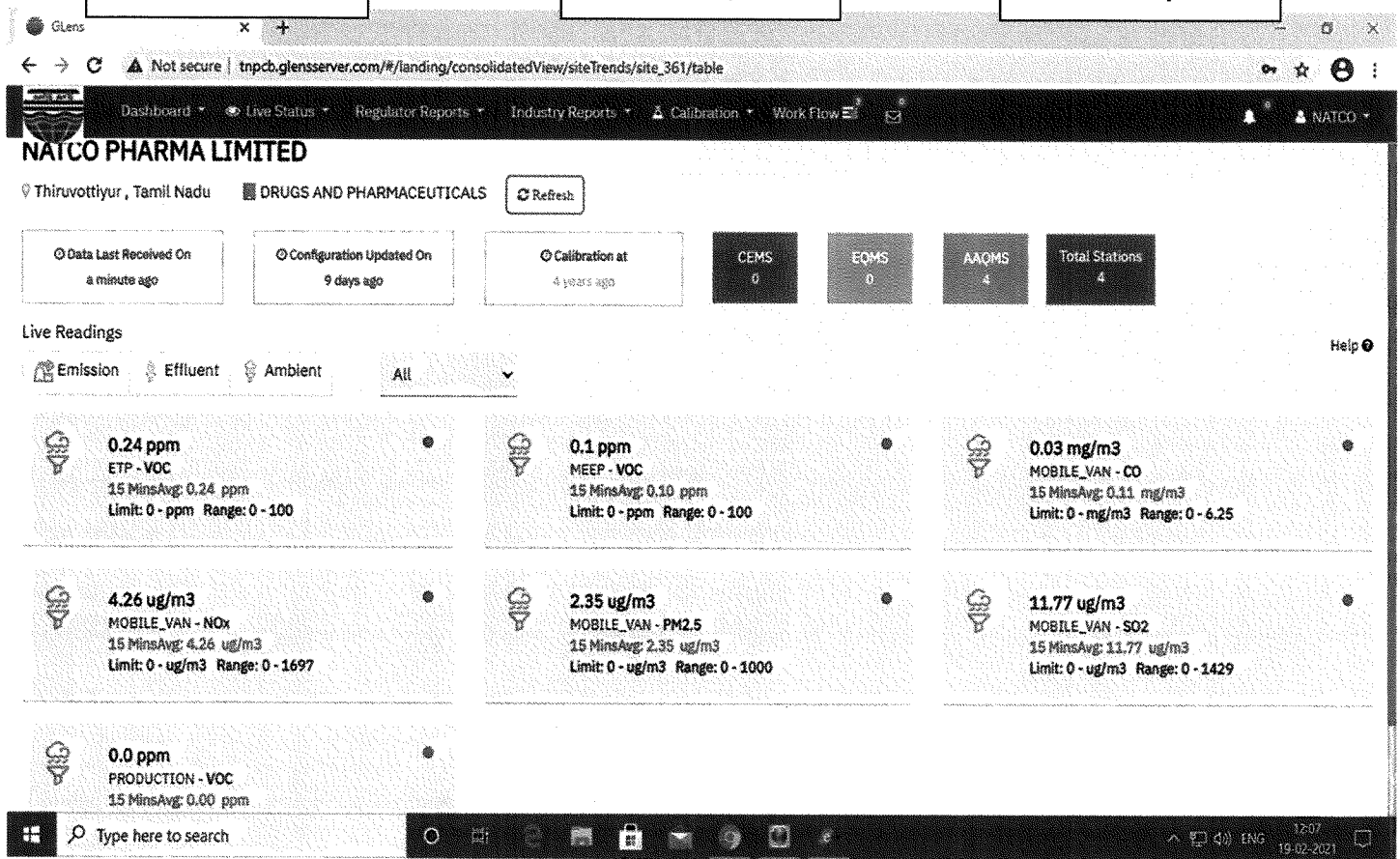
AAQ Mobile Station



AAQ Analyzers



VOC Analyzers





NATCO PHARMA LIMITED

Regd Off: 'NATCO HOUSE', Road No. 2, Banjara Hills, Hyderabad-500 034, Telangana, INDIA
Tel : +91 40 23547532, Fax : +91 40 23548243 CIN : L24230TG1981PLC003201, www.natcopharma.co.in.
GSTIN : 33AAACN6927A1ZW

20.06.2018
Chennai

To

The Executive Engineer
C.M.W.S &S. Board
Region -II, Ambathur Road
Puzhal
Chennai- 600 016

Respected Sir,

- Ref: 1. Lr. No.CMWSSB/RO-II/WSC-03/2018. Dated: 25.05.2018
2. Application registration No.WV20170017

With reference to your letter dated 25.05.2018 herewith we are submitting the DD payment for Rs.4250000/- (Forty two lakh fifty thousand rupees only) Vide DD No. 624358 dated 14.06.2018, this is towards to provide metro water supply connection to the M/s. Natco Pharma Limited.

Please do the needful as early as possible.

For NATCO PHARMA LIMITED

G.Vasan
Sr.GM - Operations

Encl : DD original



The RuA is a signatory to the IAF MLA

Manufacturing Site :
Chemical Division - Chennai.
(ISO 14001:2015 and OHSAS 18001:2007 Certified)
S.No. 74/7B, Vaikkadu TPP Salai, Manali, Chennai, Tamilnadu - 600 103.
Tel. +91 044 29011779, 29000434, +91-7299009981/82/83/84.





CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD

REGIONAL OFFICE-II, PUZHAI AMBATTUR ROAD, PUZHAI, CHENNAI-600 066

EXECUTIVE ENGINEER/RO-II

Lr.No. CMWSSB/RO-II/WSC-03/2018

Dated:25.05.2018

To,
The General Manager,
NATCO PHARMA Limited,
Vaikkadu,
TPP Road, Manali
Chennai 600 103,

Sir,

Sub: CMWSSB - ROII - Providing water supply connection to the M/s NATCO PHARMA Limited at Vaikkadu, TPP Road, Manali by laying 100mm dia water main in ROII - Estimate cost to be deposited - Reg.

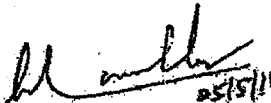
Ref : 1. Your Lr. Dated 26.12.2017
2. Application Registration No. WV 2017 0017.

Your request for providing water connection vide references cited, has been approved by the competent authority on 24.05.2018 at a cost of Rs.42,50,000/-

You are requested to deposit the estimate cost of Rs.42,50,000/- (Rupees Forty two Lakhs and fifty thousand only) in the form of DD/Pay order drawn in favour of CMWSSB, so as to take further action.

The above estimated cost is only tentative and if any variation (price escalation / tender variation etc.) will be borne by you.

Your early reply in this regard is solicited for taking further action.


25/5/18
EXECUTIVE ENGINEER/RO-II
EXECUTIVE ENGINEER
C.M.W.S. & S. Board
Region - II Ambathur Road,
Puzhal, Chennai - 66





Natco Pharma Limited, Chemical Division Chennai

Annexure-05

Rain Water Harvesting Plan & Implementation

1. Building Roof Area Details

S.No	Building Name	Roof Catchment Area (Sq.m)
1	Multi Production Block -01 (Proposed)	525
2	Multi Production Block -02	900
3	Multi Production Block -03	400
4	Administration Building	525
5	RM store roof area	725
6	Proposed QC Block	850
8	Boiler & Power house area	445

Note: Scrubber area not included in the roof catchment area

2. Calculation of tentative rain water harvesting quantity based on annual rainfall:

Rain water Harvesting Potential = Rain fall (mm) X Collection Efficiency

Annual rain fall in chennai = 1000 mm

Area of roof catchment = 100 Sq.Meter

Rain water collection form that area = $1 \times 100 = 100$ Cubic Meter

Constant co-efficient for spillage, evaporation & wastage = 0.80

Constant Runoff co-efficient for

1. Tiles = 0.8

2. Metal Sheet = 0.7

Therefore Effective Rain water Harvesting = $100 \times 0.8 \times 0.8$
= 64 m³

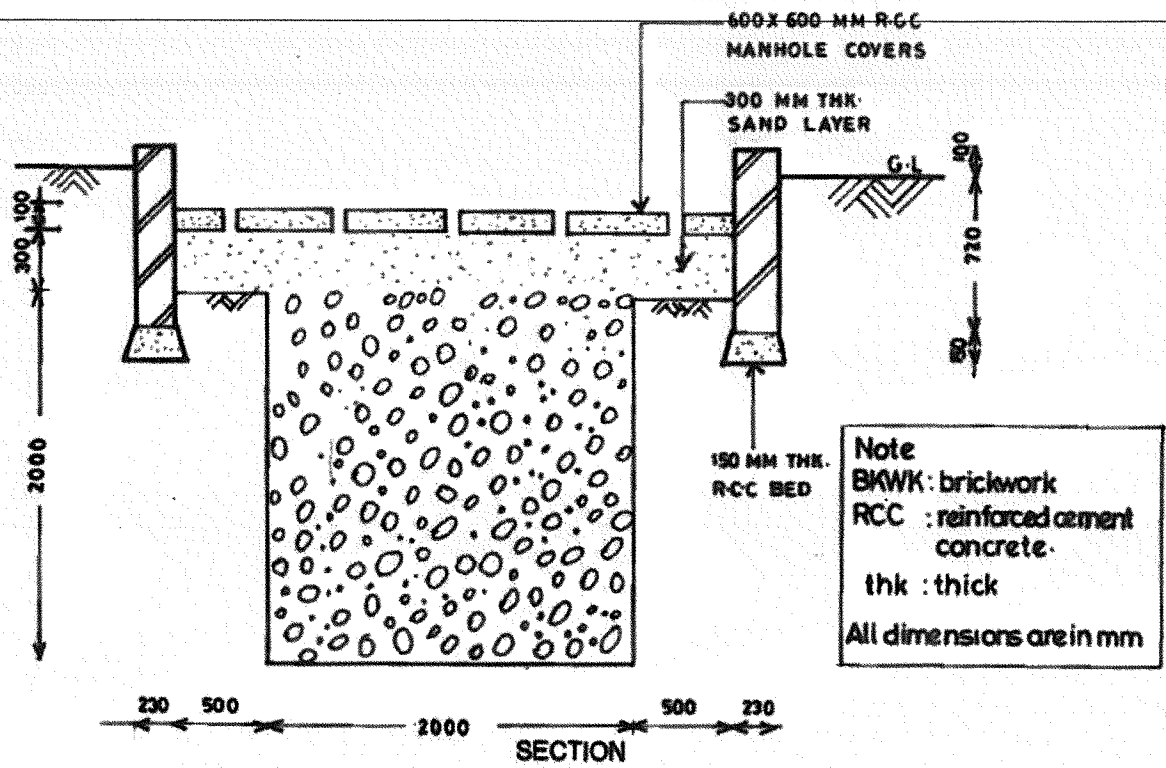
So 64 m³/year of rain water can be harvested from 100 Sq.Meter of roof (Tiles)

Annual rain fall in Chennai as = 750 to 1000 mm (Assume 1000 mm)


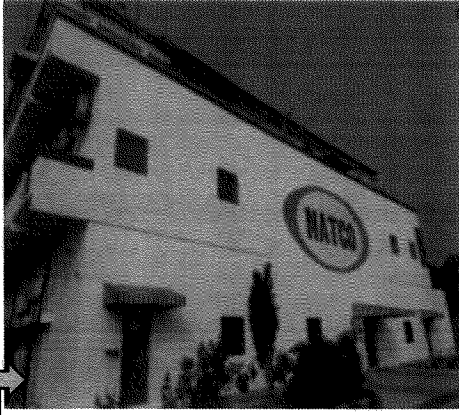

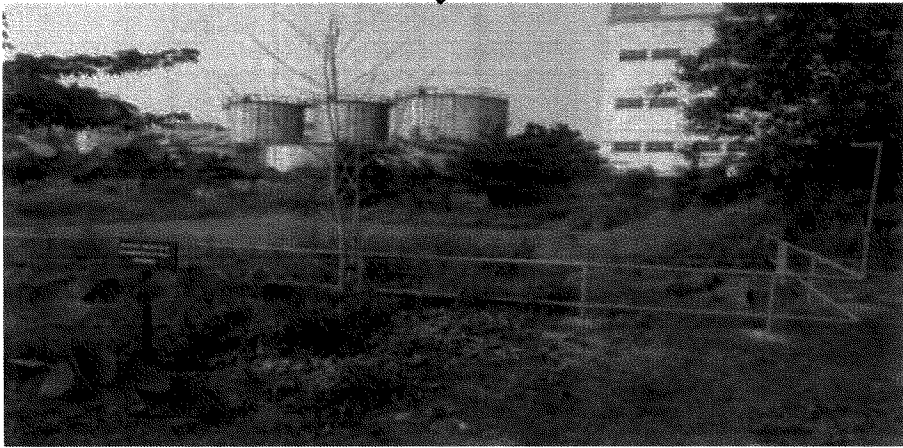
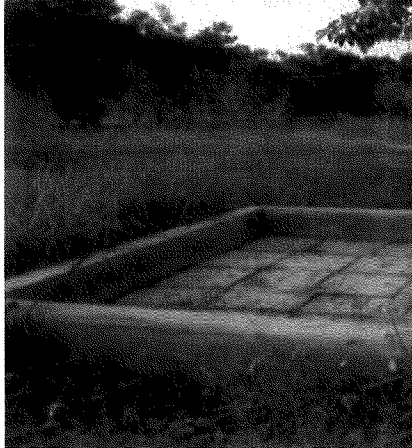
Hourly rain fall in Chennai as = 30 to 40 mm (Assume 30 mm)

creation of Rain water harvesting system

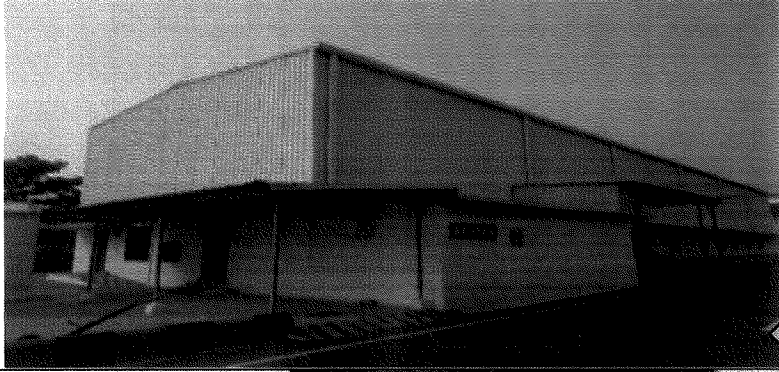



S.No	Building Name	Area (Sq.m)	Annual rainwater harvesting (m3)	Peak hour rainwater harvesting (m3)	Rain water Harvesting plan
1	Multi Production Block -01 (Proposed)	525	400	13	Name: Rain water harvesting pond (RWHP-01) Area: Plant North East Corner Size: 28 X 28 X 2.3 m (LBD) Capacity - 1800 m3
2	Multi Production Block -02	900	800	22	
3	Multi Production Block -03	400	320	10	Name: Rain water Recharging Pit (RWHP-02) Area: Behind Admin Block - North Bay Size: 2.4 X 3 X 2.5 m (LBD)
4	Administration Building	525	400	13	Name: Rain water Recharging Pit (RWHP-03) Area: Behind RM stores Size: 2.4 X 3 X 2.5 m (LBD)
5	RM store roof area	725	600	17	
6	Proposed QC Block	850	700	20	



Rain Water Harvesting Plan

Multi Production Block -01	Multi Production Block -02	Multi Production Block -03
		
		
<p>Name : Rain water harvesting pond (RWHP-01)</p> <p>Area : Plant North East Corner</p> <p>Size : 28 X 28 X 2.3 m (LBD)</p> <p>Capacity : 1800 m³</p> <p>Purpose : Recharging & Reuse for Greenbelt</p>		<p>Name : Rain water Recharging pond</p> <p>Area : Behind Admin Block - North</p> <p>Size : 2.4 X 3 X 2.5 m (LBD)</p> <p>Capacity : 23 m³/hr (Peak hour harvesting)</p> <p>Purpose : Recharging of ground water</p>

Rain Water Harvesting Plan

RM store roof area	Proposed Q
	
	
<p> Name : Rain water Recharging Pit (RWHP-03) Area : Behind RM stores Size : 2.4 X 3 X 2.5 m (LBD) Capacity :37 m³/hr (Peak hour harvesting) Purpose : Recharging of ground water </p>	

Annexure-5A

Reduction of PM Emission in Diesel Generator 1010 KVA

Objective:

To reduce at least 70% Particulate matter in Diesel Generator 1010 KVA -2 Nos with approved retrofit emission control device/equipment

Existing:

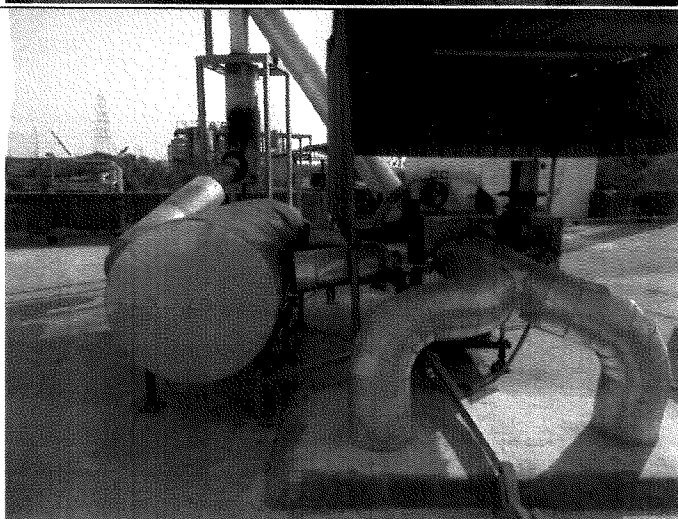
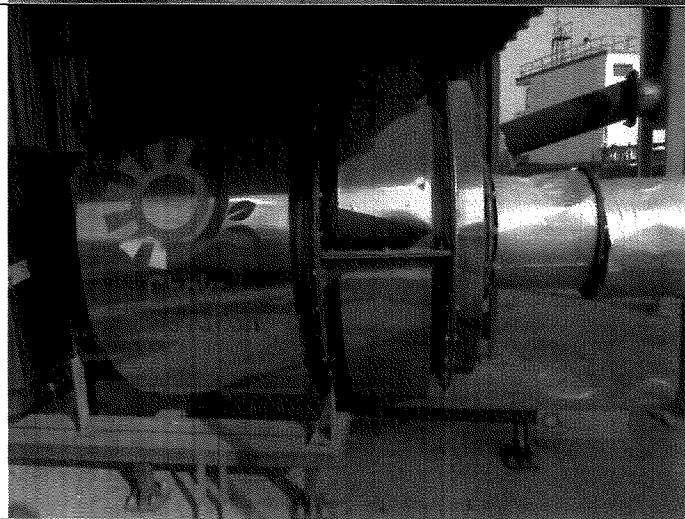
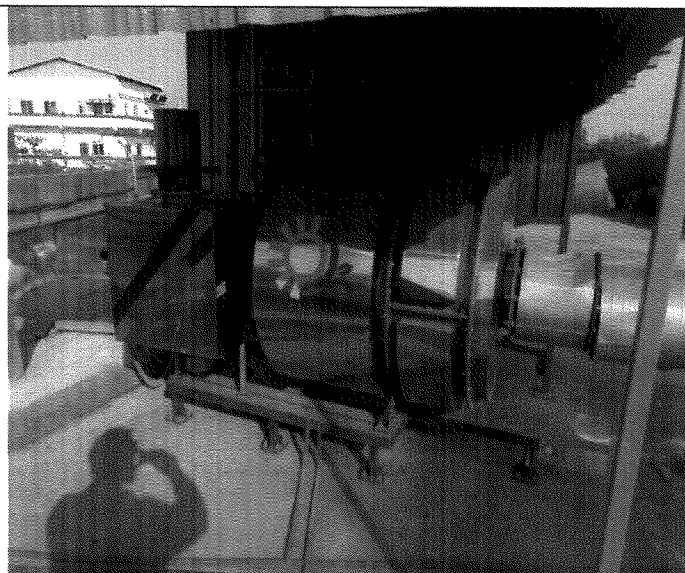
In exist, we operated Diesel Generator 1010 KVA without any emission control device to reduce the PM in the stack gas.

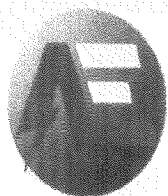
Proposed:

Retrofit installation done for our 1010 KVA DG x 2 nos with approved retrofit emission control device/equipment with at least 70% Particulate matter reduction efficiency supplied by M/s. CHAKR INNOVATION PVT LIMITED.

Benefit:

We achieved 73% PM emission reduction in our 1010 KVA DG and found, before retrofit PM emission in our DG is 71.6 mg/Nm³, after the retrofit it has brought down to 19.3 mg/Nm³.





AVISON ENVIRO SYSTEMS LLP

No.80, 7th Cross Street, Santhosh Nagar, Puthagaram,

Teachers Colony, Kolathur, Chennai 600 099.

E-mail: lab@avison.in | www.avison.in

+91 44-4860 0077, 3559 2582

An ISO 9001:2015, ISO 45001:2018 Certified Organization

TEST REPORT

Job No.	244/21-22	Report No.	21000001456-21000001465	Report Date	27.12.2021
---------	-----------	------------	-------------------------	-------------	------------

Sample Description : Stack Emission Monitoring

Customer Name : M/s. Chakr Innovation Private Limited

Customer Address : Survey No 236/237,
Rajiv Gandhi Infotech Park Phase-1,
Hinjewadi, Pune - 411 057.

Site Name : M/s. NATCO Pharma Limited,

Site Address : Chennai plant,
Tpp salai, 74/7b, SH 104, Manali New Town, Manali,
Chennai, Tamil Nadu 600 103.

Sample Drawn by : AES

Date of Monitoring : 22.12.2021

Name of the Stack : DG-1 (1010 KVA)

Sample Code : AES2112084-AES2112093

Stack Details: Make: Sterling WILSON & S.NO: 536301170

Sampling Method : AES/EN/SOP/003

Time of Monitoring : 1200 Hrs to 1500 Hrs

Ambient Temperature : 36°C

Sample Received On : 23.12.2021

Sample Completed On : 27.12.2021

S.No	Description	Method	Units	Results		Max Limits (CPCB)
				With Silencer	With Chakr Shield 2.0	
*1.	Particulate Matter (PM)	IS:11255 (Part-1)1985 (Reaff 2017)	mg/Nm ³	71.6	19.3	75

*Note: Calculations driven by ISO 8178 load points for 100% load

For AVISON ENVIRO SYSTEMS LLP

Verified by



Authorized Signatory

End of Report

1 of 1

R. VIVEKANANTH
TECHNICAL MANAGER



Natco Pharma Limited, Chemical Division Chennai

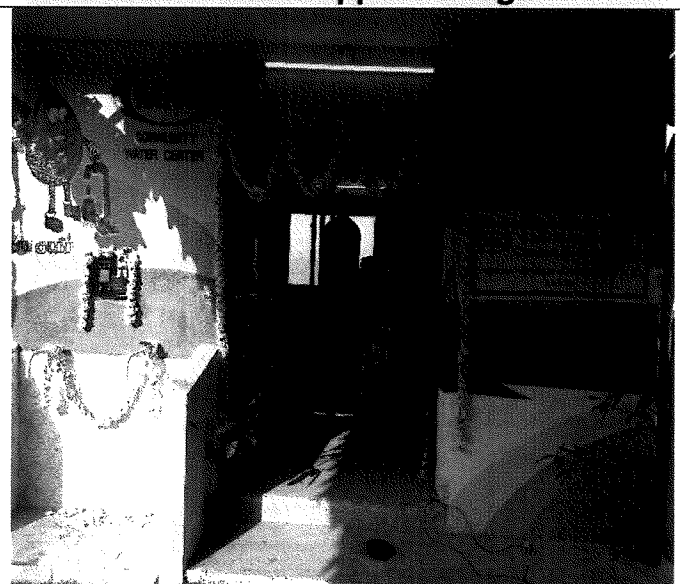
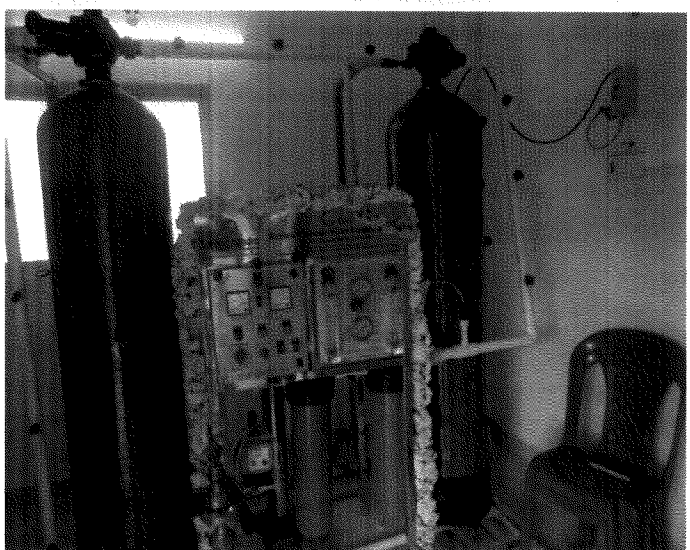
Annexure-06 CER Activity

Total CER amount Expended (Year 2020-23)						Photo
	Activity	Qty	Unit	Price(Rs)	Remarks	
A	GOVERNMENT MIDDLE SCHOOL, ANDARKUPPAM					
1	School Uniforms - For 30 Students	60	no	19500	Handedover	
2	New RO unit for drinking- 50 ltr/hr	2	No	173800	Handedover	
3	Furniture provision to students & Teachers	1	Lot	261000	Handedover	
4	Sanitary waste Incinerators	1	No	34000	Handedover	
5	Installation charges (Plumbing & Electrical work) for RO Plant & Napkin destroyer	1	Lot	22000	Handedover	
B	GOVERNMENT PRIMARY HEALTH CENTER MANALI NEW TOWN					
1	New RO unit for drinking- 50 ltr/hr	1	No	86938	Handedover	
2	Installation charges (Plumbing & Electrical work) for RO Plant	1	No	10000	Handedover	
C	New Drinking RO Plant Facility 2000 ltr/hr in Andarkuppam Village	1	No	1032500	Handedover	
D	New Drinking RO Plant Facility 2000 ltr/hr in KANNIYAMMAN PETTAI Village	1	No	1032500	Handedover	
E	Donated to Chennai Manali corporation (For Namakku Namme Thittam programme)	1	Lot	10000	Handedover	
F	Donated to Chennai Manali corporation (For Beautification of school walls)	1	Lot	36000	Handedover	
G	Donated to Greater Chennai corporation (Educational Support)	1	Lot	500000	Handedover	
H	Donated to Covid 19 for oxygen plant to M/s Tirumala charitable society, Ranipet	1	Lot	500000	Handedover	
I	Donated to Green TamilNadu Mission for Greenbelt Development	1	Lot	500000	Handedover	
J	Manjapai Vending Machine	1	No	94400	PO Raised	
K	Donated Drinking RO Plant 500 LPH to M/s. Jaigopal Garodia Government Higher secondary school	1	Lot	295000	Handedover	
Total amount Expended for CER (Lacs)					46.08	

CER Activity



Drinking RO Plant Facility 2000 ltr/hr Installed in Andarkuppam village



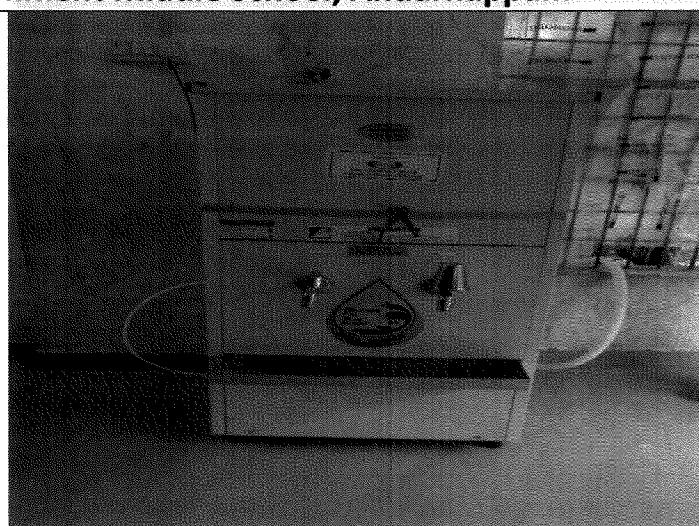
Drinking RO Plant Facility 2000 ltr/hr Installed in Kanniyamman Pettai village



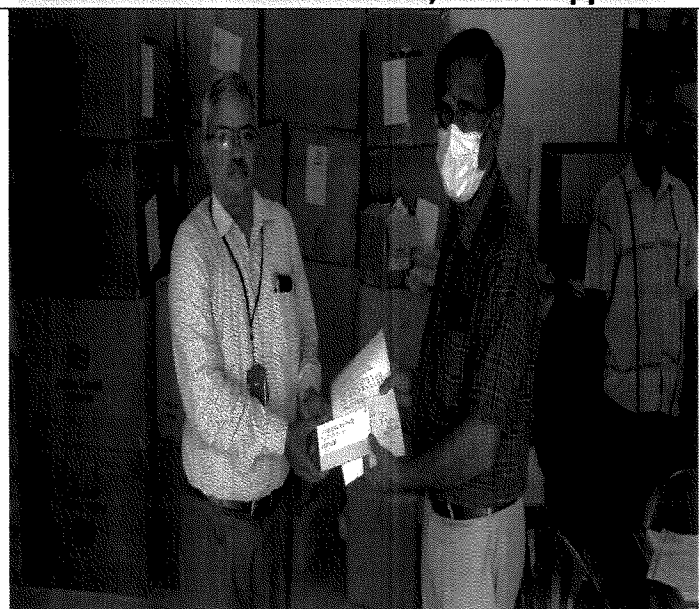
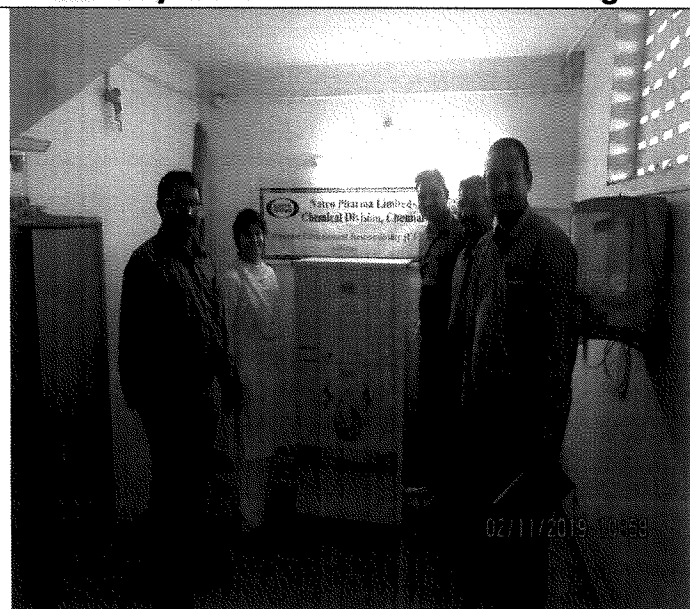
Mr.G.Vasan (Site Head) & Shri. Sudharsanam (MLA) Inaugurated New Drinking RO Plant Facility 2000 ltr/hr in Kanniyamman Pettai Village & Andarakuppam village with a cost of 20.65 Lacs donated by Natco Pharma Ltd.



Furniture Provision To Students Government Middle School, Andarkuppam



Sanitary Waste Incinerators & Drinking Ro Plant Government Middle School, Andarkuppam



**Drinking RO Plant To GOVERNMENT PRIMARY HEALTH CENTER MANALI NEW TOWN
& Donated 2 Lacs Of Chloroquine Phosphate Tablets To TNMSC**



Environment, Health & Safety (EHS) Policy

We at **NATCO PHARMA LIMITED – Chemical Division**, as a manufacturer and supplier of Active Pharmaceutical Ingredients & Intermediates recognize Environment, Health and Safety as an integral part of our overall business philosophy.

By implementation of Integrated Environmental, Health and Safety management systems, we are committed to:

- Comply with all applicable **legal & other compliance obligations**.
- Achieve sustainable growth through **Protection of environment**, promoting **pollution prevention** practices and conserving resources with eco friendly & eco efficient processes.
- **Continually improve** the effectiveness of the Integrated Management System to constantly meet the **requirements of our customers, suppliers, employees and other interested parties**.
- Create an **injury free and healthy workplace** by eliminating or reducing hazards and at-risk behaviors by control of OH&S risks using the **hierarchy of controls** and promote wellness
- **Communicate the policy** to all employees, contractors working in our organization and visitors visiting our organization.
- Implement **collective decision making** process in management system improvement activities

Date: 22.05.2017

Rev: 05

A handwritten signature in black ink, appearing to be "S. K. Singh", written over a horizontal line.

Chairman and Managing Director



சுற்றுச்சூழல், சுகாதாரம் மற்றும் பாதுகாப்புக் கொள்கை

நாட்கோ :பார்மா லிமிடெட் - இரசாயனப் பிரிவு, இத்தொழிற்சாலை உயிர்காக்கும் மருந்துகளுக்கான முக்கிய உட்பொருட்கள் மற்றும் இடைநிலைப் பொருட்களைத் தயாரிக்கும் நிறுவனமாக செயல்படுவதால், சுற்றுச்சூழல், சுகாதாரம் மற்றும் பாதுகாப்பு ஆகியவற்றை முக்கிய கோட்பாடுகளாக அங்கீகரிக்கிறது.

சுற்றுச்சூழல், சுகாதாரம் மற்றும் பாதுகாப்பு மேலாண்மை திட்டங்களை செயல்படுத்துவதன் மூலமாக பின்வரும் மேம்பாட்டுக்கான பொறுப்புக்களை சிறப்புடன் செயல்படுத்த நிறுவனம் தன்னை அர்ப்பணிக்கிறது.

- தொழிற்சாலை சம்பந்தப்பட்ட சட்டங்கள், விதிமுறைகள் மற்றும் இதர ஒழுங்கு முறைகளைக் கடைப்பிடித்தல்,
- சுற்றுச்சூழல் பாதுகாப்பு, மாசு தடுப்பு செயல்முறைகள் மற்றும் இயற்கை ஆதாரங்களை வீணாக்காமல் கட்டுப்பாட்டுடன் உபயோகிப்பது போன்ற இயற்கைக்கு சாதகமான செயல்முறைகள் மூலம் தொடர் வளர்ச்சி அடைதல்,
- வாடிக்கையாளர்கள், நிறுவன செயல்பாட்டுக்கு தேவையான பொருட்களைப் பெற்றுத்தருபவர்கள், மற்றும் நிறுவன செயல்பாட்டின் இணை நோக்குடையவர்களுடைய தேவைகளை சந்திப்பதின் மூலம் சுற்றுச்சூழல் மற்றும் பாதுகாப்பு மேலாண்மை திட்டம் செயல்பாட்டில் தொடர் முன்னேற்றம் அடைதல்
- தொழிற்சாலை பணியிடத்தில் ஆபத்துக்கான காரணிகளைக் கண்டறிந்து அவற்றைத் தவிர்த்தும், குறைத்தும், ஆபத்துக்கான காரணிகளை வரிசைமுறை கட்டுப்பாட்டுக் கோட்பாடுகளைக் கடைப்பிடித்து காயமின்றி பணிசெய்யும் பாதுகாப்பான மற்றும் சுகாதாரமான பணியிடத்தை உருவாக்கி நலம் பெருக்குதல்,
- நிறுவன பணியாளர்கள், ஒப்பந்தக்காரர்கள் மற்றும் பார்வையாளர்கள் யாவருக்கும் சுற்றுச்சூழல், சுகாதாரம் மற்றும் பாதுகாப்புக் கொள்கைகளை அறியத்தருவது,
- நிறுவனத்தில் உள்ள அனைத்து நபர்களின் ஒருங்கிணைந்த செயல்பாட்டு முறையில் சுற்றுச்சூழல், சுகாதாரம் மற்றும் பாதுகாப்பு மேம்பாட்டுத் திட்டங்களைச் செயல்படுத்துவது.

Date: 22.05.2017

Rev: 05

Chairman and Managing Director

Annexure-08

Environmental Management Plan

The company has a full- fledged environmental management cell (EMC) reporting directly to EHS Manager for environmental monitoring and control. The EMC team takes care of pollution monitoring aspects and implementation of control measures.

A group of qualified and efficient engineers with technicians is deputed for maintenance, up keeping and monitoring the pollution control equipment, to keep them in working at the best of their efficiencies. For effective and consistent functioning of the plant, the EMS at the site will be strengthened further with the following: Environmental management cell covering EHS (Environment, Health & Safety) team

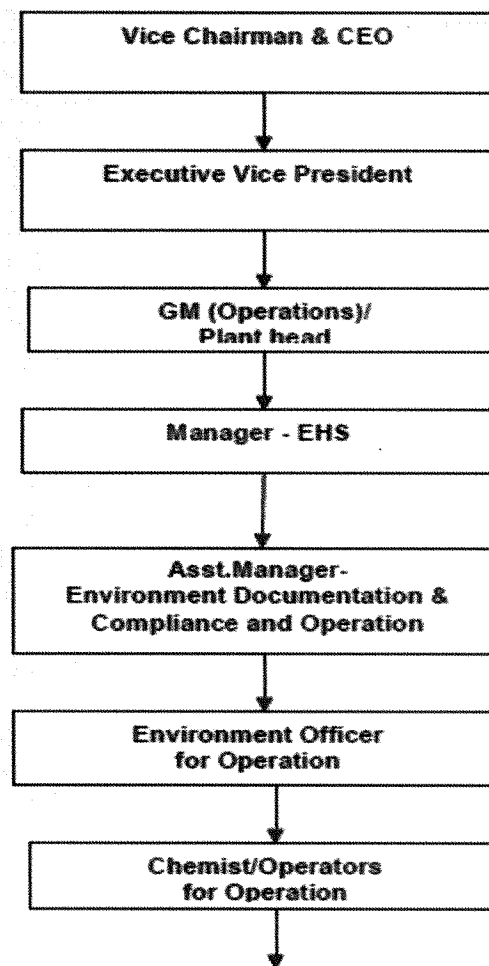
- Environmental Monitoring
- Regular Environmental Audits and Corrective Action Plan
- Documentation – Standard operating procedures, Environmental Management plans and other records

Environmental Management Cell Responsibilities

It is necessary to have a permanent organizational set up charged with the task of ensuring its effective implementation of mitigation measures and to conduct environmental monitoring. The major duties and responsibilities of Environmental Management Cell will be as under:

- To implement the environmental management plan (EMP)
- To Ensure regulatory compliance with all relevant rules and regulations
- To ensure regular operation and maintenance of pollution control devices
- To minimize environmental impacts of operations by strict adherence to the EMP
- To initiate environmental monitoring as per approved schedule
- Review and interpretation of monitored results and corrective measures with reference to prescribed standards
- Maintain documentation of good environmental practices and applicable environmental laws for ready reference.
- Maintain environment related records.
- Coordination with regulatory agencies, external consultants, monitoring laboratories.
- Organizing meetings of the Environmental Management Committee and reporting to the committee

To improve the capacity building of the Environment Department, as a part of the management hierarchy a separate division has been created under the General Manager(O)- Operations in the form of Manager- Environment, Health & Safety (EHS) who is assisted by Assistant Manager, Officer, Supervisors /Chemists, Operators and Indirect/contract workers. One of the Assistant Managers will be for Documentation, procedures & Compliances and also heading the operations assisted by officers, operators & helpers. The Organizational Structure of Environmental Health and Safety is presented in **below chart**.



The Organizational Structure of Environmental Health and The Environment Manager, Occupational health & safety (OHS) are fully responsible for the OHS aspects of the employees, workers and will be assisted by Assistant Manager who monitor the on-site & off-site emergency teams and assisted by the Officer. Any non-compliance/violations witnessed by any employee in the organization can directly communicate the same to the Manager-EHS, who will assess the serious and not so serious violations /non-compliances and will communicate to the Plant Head.

Any non-compliances/violations of serious nature will be addressed by the Plant head to Executive Vice-President and Executive Vice-President shall consult with the directly involved officials and will report to the Board of Directors of the company. The primary focus is to comply with the regulations and work out on action taken report to be placed before the Board of Directors. Similarly a preventive action for non-recurrence of such violations/non- compliances will also be worked out and strict monitoring will be done by the Management for implementation of the same for compliances of OHS norms.

Environmental Monitoring and Reporting Procedure

Monitoring may take the form of direct measurement and recording of quantitative information, such as concentrations of discharges, emissions and wastes, for measurement against corporate or statutory standards, consent limits or targets. It may also require measurement of ambient environmental quality in the vicinity of a site using ecological/biological, physical and chemical indicators. Monitoring may include socio- economic interaction, through local liaison activities or even assessment of complaints. Monitoring will also be required to meet compliance with statutory and corporate requirements. Finally, monitoring results will provide the basis for auditing.

Objectives of Monitoring

The objectives of environmental post-project monitoring are to:

- Verify effectiveness of planning decisions
- Measure effectiveness of operational procedures
- Confirm statutory and corporate compliance and
- Identify unexpected changes.

Monitoring Schedule for Construction and Operation Phases

Environmental monitoring schedules are prepared covering various phases of project advancement, such as construction and operation phases.

Construction Phase

The proposed expansion project envisages setting up of additional buildings and machinery, establishment of production and chemical/solvent storage facilities. The construction activities are expected to last for about one year. As there are no major construction activities for the plant, simple and generic environmental monitoring measures that need to be undertaken during project construction stage are given in **below table**.

Environmental Monitoring during Construction Stage

Sl. No.	Potential Impact	Action Plan	Parameters for Monitoring	Frequency of Monitoring
1	Air Emissions	All equipment's are operated within specified design parameters	Random checks of equipment logs manuals	Monthly
		Vehicle trips to be minimized to the extent possible	Vehicle logs	Monthly, during construction activities
		Any dry, dusty materials stored in sealed containers or prevented from blowing	Absence of stockpiles or open containers of dusty materials.	Monthly during construction activities
		Ambient air quality within the plant premises of the unit to be monitored	Ambient air quality will conform to the standards for NAAQ parameters and VOC	As per CPCB requirement or basis
2	Noise levels	Acoustic mufflers / enclosures to be provided in large engines	Mufflers/ enclosures will be in place	Periodic during construction activities
		Noise to be monitored in ambient air within the plant premises.	Ambient air quality will conform to the standards for NAAQ parameters	As per CPCB requirement or basis
3	Wastewater Discharge	No untreated discharge	Discharge hoses will be connected to Collection of ETP	Periodic during construction activities

Sl. No.	Potential Impact	Action Plan	Parameters for Monitoring	Frequency of Monitoring
4	Waste Management	Implement waste management plan that identifies and characterizes every waste arising associated with proposed construction activities and which identifies the procedures for collection, handling & disposal of each waste arising.	Follow as per waste management plan	Periodic check construction activities
5	Soil Erosion	Minimize area extent of construction site by staying within the defined boundaries	Construction site boundaries not extended / breached as per planned document.	Periodic during construction activities
6	Non-routine events and accidental releases	Plan to be drawn up, considering likely emergencies and steps required to prevent/limit consequences.	Mock drills and records of the same	Periodic during construction activities
7	Flora and fauna	Vegetation development as per CPCB guidelines	No. of plants, species	During site clearance as applicable

Environmental Monitoring Plan during Operation PI

Sl. No.	Potential Impact	Action to be Followed	Parameters for Monitoring
1.	Air Emissions	Stack emissions from process stacks to be optimized and monitored	Gaseous emissions (HCl, SO ₂ , CO ₂ , NH ₃ , Cl ₂ , and as applicable)
		Stack emissions from Boiler, and DG sets to be monitored	Gaseous emissions (PM, SO ₂ , HC, NO _x)
		Stack emissions from Incinerator	As per PCB / CPCB
		Ambient air quality within the plant premises of the proposed expansion unit and nearby habitations to be monitored. Exhaust from vehicles to be minimized by use of fuel efficient vehicles and well maintained vehicles having PUC certificate.	Ambient air quality will conform to the standards for NAAQ parameters (MoEF circular dated 16-11-2009) and HCl, Cl ₂ and HC Vehicle logs to be maintained
		Measuring onsite data of Meteorology	Wind speed, direction, temperature, relative humidity and rainfall.
		Vehicle trips to be minimized to the extent possible	Vehicle logs

Sl. No.	Potential Impact	Action to be Followed	Parameters for Monitoring	
2.	Noise Levels	Noise generated from operation of boiler/cooling towers to be optimized and monitored (3 locations within plant and 2 locations outside plant)	Spot Noise Level recording; Leq(night), Leq(day), Leq(dn)	C m p
		Noise generated from operation of DG sets to be optimized and monitored		
		Generation of vehicular noise	Maintain records of vehicles	D m
3.	Wastewater Discharge	Segregated effluent Stream wise (3 streams)	ETP performance will be monitored for raw and treated effluent characteristics for reuse of treated effluent. Basic parameters like pH, TSS, TDS, COD, Oil & grease	C p in a
		In-house ETP treated Effluents reuse in Cooling Towers	pH, TDS, COD and Temperature etc.	C E C
4.	Drainage and effluent Management	Ensure closed drainage system connecting to ETP collection tanks and specific design measures are working effectively.	Visual inspection of drainage and records thereof	C
5.	Water Quality	Groundwater quality surrounding plant site	Comprehensive monitoring as per BIS 10500-2012.	C
6.	Work zone air quality	Contaminants such as VOCs to be reduced by providing adequate ventilation	Indoor monitoring of VOCs.	C

Sl. No.	Potential Impact	Action to be Followed	Parameters for Monitoring
7.	Hazardous / Solid Waste Management	Implement waste management plan that identifies and characterizes every waste arising associated with proposed activities and which identifies the procedures for collection, handling & disposal of each waste arising.	Records of solid waste generation, storage and disposal
8.	Occupational Health	<p>Employees and migrant labour health check -up</p> <ul style="list-style-type: none"> • Comprehensive Pre-employment medical checkup for all employees. • Medical examination will be done for all the employees once in a year. • Tie up with local hospitals and Govt. health monitoring system will be engaged • Dispensary and ESI facility will be provided to all workers as applicable • All safety gears will be provided to workers and care will be taken by Environment are used properly by them. All safety norms will be followed. 	All relevant parameters including HIV



DNV

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
10000344851-MSC-RvA-IND

Initial certification date:
06 February 2018

Valid:
06 February 2021 – 05 February 2024

This is to certify that the management system of

NATCO Pharma Limited

No. 74/7B, Vaikkadu, TPP Salai, Manali, Chennai - 600103, Tamil Nadu, India

has been found to conform to the Occupational Health and Safety Management System standard:
ISO 45001:2018

This certificate is valid for the following scope:

Manufacturing active pharmaceutical ingredients & intermediates

Place and date:
Barendrecht, 31 May 2021

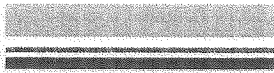
For the issuing office:
DNV - Business Assurance
Zwolsseweg 1, 2994 LB Barendrecht, Netherlands



Erie Koek
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV GL Business Assurance B.V., Zwolsseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689. www.dnvgl.com/assurance



DNV

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
253287-2018-AE-IND-RvA

Initial certification date:
06 February 2018

Valid:
06 February 2021 – 05 February 2024

This is to certify that the management system of

NATCO Pharma Limited

No. 74/7B, Vaikkadu, TPP Salai, Manali, Chennai - 600103, Tamil Nadu, India

has been found to conform to the Environmental Management System standard:

ISO 14001:2015

This certificate is valid for the following scope:

Manufacturing active pharmaceutical ingredients & intermediates

Place and date:
Chennai, 31 May 2021

For the issuing office:
DNV - Business Assurance
ROMA, No. 10, GST Road, Alandur, Chennai - 600 016,
India



Sivadasan Madiyath
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV GL Business Assurance B.V., Zwolseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689. www.dnvgl.com/assurance

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.
Ph: 42985555 / 43635555 Fax : 42985500
E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
FSSAI Notified Laboratory
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/AA/11/170223

Report Date : 22/02/2023

Sample Description : Ambient Air Quality
Sampling Location : On Top of Platform Adjacent to Solvent Storage Yard
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 17/02/2023 - 17/02/2023
Analysis Commenced On : 17/02/2023

Completed On : 22/02/2023

S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	$\mu\text{g}/\text{m}^3$	11.98	IS 5182 (Part - 2) : 2001	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	22.65	IS 5182 (Part - 6) : 2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 μm	$\mu\text{g}/\text{m}^3$	51.28	IS 5182 (Part - 23) : 2019	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 μm	$\mu\text{g}/\text{m}^3$	23.41	IS 5182 (Part - 24) : 2006	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m^3	BLQ(LOQ 0.05)	IS 5182 (Part - 10) : 1999	4 (1 hours)	2 (8 hours)
6	Lead	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 0.05)	HECS-G/INS/SOP/041	1 (24 hours)	0.5 (Annual)
7	Ozone	$\mu\text{g}/\text{m}^3$	11.86	IS 5182 (Part - 9) : 1974	180 (1 hours)	100 (8 hours)
8	Ammonia	$\mu\text{g}/\text{m}^3$	6.48	IS 5182 (Part - 25) : 2018	400 (24 hours)	100 (Annual)
9	Benzene	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 1)	IS 5182 (Part - 11) : 2006	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	ng/m^3	BLQ(LOQ 1)	IS 5182 (Part - 12) : 2004	1 (Annual)	1 (Annual)
11	Arsenic	ng/m^3	BLQ(LOQ 2)	HECS-G/INS/SOP/041	6 (Annual)	6 (Annual)
12	Nickel	ng/m^3	BLQ(LOQ 10)	HECS-G/INS/SOP/041	20 (Annual)	20 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter, mg/m^3 - Milligrams per cubic meter, ng/m^3 - Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report

Verified By



Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization. 2. Samples are not drawn by HECS unless or otherwise mentioned. 3. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report. 4. Under no circumstances lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax : 42985500

E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

FSSAI Notified Laboratory

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/AA/22/170223

Report Date : 22/02/2023

Sample Description : Ambient Air Quality
Sampling Location : On Top of Platform Adjacent to Main Gate
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 17/02/2023 - 17/02/2023
Analysis Commenced On : 17/02/2023

Completed On : 22/02/2023

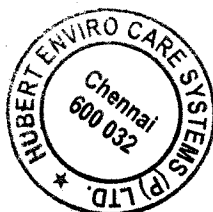
S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	$\mu\text{g}/\text{m}^3$	9.34	IS 5182 (Part - 2) : 2001	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	21.48	IS 5182 (Part - 6) : 2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 μm	$\mu\text{g}/\text{m}^3$	53.26	IS 5182 (Part - 23) : 2019	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 μm	$\mu\text{g}/\text{m}^3$	25.39	IS 5182 (Part - 24) : 2006	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m^3	BLQ(LOQ 0.05)	IS 5182 (Part - 10) : 1999	4 (1 hours)	2 (8 hours)
6	Lead	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 0.05)	HECS-G/INS/SOP/ 041	1 (24 hours)	0.5 (Annual)
7	Ozone	$\mu\text{g}/\text{m}^3$	10.65	IS 5182 (Part - 9) : 1974	180 (1 hours)	100 (8 hours)
8	Ammonia	$\mu\text{g}/\text{m}^3$	5.35	IS 5182 (Part - 25) : 2018	400 (24 hours)	100 (Annual)
9	Benzene	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 1)	IS 5182 (Part - 11) : 2006	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	ng/m^3	BLQ(LOQ 1)	IS 5182 (Part - 12) : 2004	1 (Annual)	1 (Annual)
11	Arsenic	ng/m^3	BLQ(LOQ 2)	HECS-G/INS/SOP/041	6 (Annual)	6 (Annual)
12	Nickel	ng/m^3	BLQ(LOQ 10)	HECS-G/INS/SOP/041	20 (Annual)	20 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter, mg/m^3 - Milligrams per cubic meter, ng/m^3 - Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report

Verified By



Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

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Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/AA/33/170223

Report Date : 22/02/2023

Sample Description : Ambient Air Quality
Sampling Location : On Top of Platform Adjacent to Near Pump House
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 17/02/2023 - 17/02/2023
Analysis Commenced On : 17/02/2023

Completed On : 22/02/2023

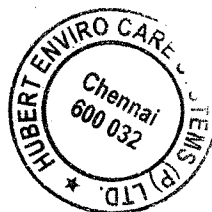
S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	$\mu\text{g}/\text{m}^3$	10.72	IS 5182 (Part - 2) : 2001	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	23.10	IS 5182 (Part - 6) : 2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than $10\ \mu\text{m}$	$\mu\text{g}/\text{m}^3$	55.38	IS 5182 (Part - 23) : 2019	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than $2.5\ \mu\text{m}$	$\mu\text{g}/\text{m}^3$	24.16	IS 5182 (Part - 24) : 2006	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m^3	BLQ(LOQ 0.05)	IS 5182 (Part - 10) : 1999	4 (1 hours)	2 (8 hours)
6	Lead	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 0.05)	HECS-G/INS/SOP/ 041	1 (24 hours)	0.5 (Annual)
7	Ozone	$\mu\text{g}/\text{m}^3$	11.25	IS 5182 (Part - 9) : 1974	180 (1 hours)	100 (8 hours)
8	Ammonia	$\mu\text{g}/\text{m}^3$	7.02	IS 5182 (Part - 25) : 2018	400 (24 hours)	100 (Annual)
9	Benzene	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 1)	IS 5182 (Part - 11) : 2006	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	ng/m^3	BLQ(LOQ 1)	IS 5182 (Part - 12) : 2004	1 (Annual)	1 (Annual)
11	Arsenic	ng/m^3	BLQ(LOQ 2)	HECS-G/INS/SOP/041	6 (Annual)	6 (Annual)
12	Nickel	ng/m^3	BLQ(LOQ 10)	HECS-G/INS/SOP/041	20 (Annual)	20 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter, mg/m^3 - Milligrams per cubic meter, ng/m^3 - Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report

Verified By



Authorized Signatory
SIVAPRAKASAM. M
Lab Manager

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization. 2. Samples are not drawn by HECS unless or otherwise mentioned. 3. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report. 4. Under no circumstances lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.
Ph: 42985555 / 43635555 Fax : 42985500
E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
FSSAI Notified Laboratory
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/AA/44/170223

Report Date : 22/02/2023

Sample Description : Ambient Air Quality
Sampling Location : On Top of Platform Adjacent to QC Building Opposite
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 17/02/2023 -17/02/2023
Analysis Commenced On : 17/02/2023

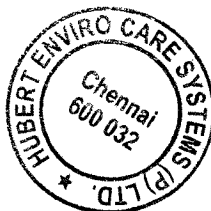
Completed On : 22/02/2023

S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	$\mu\text{g}/\text{m}^3$	12.05	IS 5182 (Part - 2) : 2001	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	24.10	IS 5182 (Part - 6) : 2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than $10\ \mu\text{m}$	$\mu\text{g}/\text{m}^3$	55.28	IS 5182 (Part - 23) : 2019	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than $2.5\ \mu\text{m}$	$\mu\text{g}/\text{m}^3$	22.64	IS 5182 (Part - 24) : 2006	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m^3	BLQ(LOQ 0.05)	IS 5182 (Part - 10) : 1999	4 (1 hours)	2 (8 hours)
6	Lead	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 0.05)	HECS-G/INS/SOP/ 041	1 (24 hours)	0.5 (Annual)
7	Ozone	$\mu\text{g}/\text{m}^3$	10.20	IS 5182 (Part - 9) : 1974	180 (1 hours)	100 (8 hours)
8	Ammonia	$\mu\text{g}/\text{m}^3$	5.24	IS 5182 (Part - 25) : 2018	400 (24 hours)	100 (Annual)
9	Benzene	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 1)	IS 5182 (Part - 11) : 2006	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	ng/m^3	BLQ(LOQ 1)	IS 5182 (Part - 12) : 2004	1 (Annual)	1 (Annual)
11	Arsenic	ng/m^3	BLQ(LOQ 2)	HECS-G/INS/SOP/041	6 (Annual)	6 (Annual)
12	Nickel	ng/m^3	BLQ(LOQ 10)	HECS-G/INS/SOP/041	20 (Annual)	20 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter, mg/m^3 - Milligrams per cubic meter, ng/m^3 - Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.
End of Report

Verified By



Authorized Signatory
SIVAPRAKASAM. M
Lab Manager

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HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.
Ph: 42985555 / 43635555 Fax : 42985500
E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
FSSAI Notified Laboratory
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.
Report No. : HECSL/AA/55/170223
Report Date : 22/02/2023
Sample Description : Ambient Air Quality
Sampling Location : On Top of Platform Adjacent to Hazardous Waste Backside
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 17/02/2023 - 17/02/2023
Analysis Commenced On : 17/02/2023
Completed On : 22/02/2023

S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	$\mu\text{g}/\text{m}^3$	13.84	IS 5182 (Part - 2) : 2001	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	25.65	IS 5182 (Part - 6) : 2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 μm	$\mu\text{g}/\text{m}^3$	52.41	IS 5182 (Part - 23) : 2019	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 μm	$\mu\text{g}/\text{m}^3$	20.73	IS 5182 (Part - 24) : 2006	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m^3	BLQ(LOQ 0.05)	IS 5182 (Part - 10) : 1999	4 (1 hours)	2 (8 hours)
6	Lead	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 0.05)	HECS-G/INS/SOP/ 041	1 (24 hours)	0.5 (Annual)
7	Ozone	$\mu\text{g}/\text{m}^3$	10.53	IS 5182 (Part - 9) : 1974	180 (1 hours)	100 (8 hours)
8	Ammonia	$\mu\text{g}/\text{m}^3$	6.44	IS 5182 (Part - 25) : 2018	400 (24 hours)	100 (Annual)
9	Benzene	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 1)	IS 5182 (Part - 11) : 2006	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	ng/m^3	BLQ(LOQ 1)	IS 5182 (Part - 12) : 2004	1 (Annual)	1 (Annual)
11	Arsenic	ng/m^3	BLQ(LOQ 2)	HECS-G/INS/SOP/041	6 (Annual)	6 (Annual)
12	Nickel	ng/m^3	BLQ(LOQ 10)	HECS-G/INS/SOP/041	20 (Annual)	20 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter, mg/m^3 - Milligrams per cubic meter, ng/m^3 - Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.
End of Report

Verified By



Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

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HECS-G/Q/FMT/49

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A-21, III Phase, Thiru Vi Ka Industrial Estate,
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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. NATCO Pharma Limited.,
Address of the Client : Chemical Division, No.74/7B, Vaikkadu TPP Salai,
Vaikkadu, Manali, Chennai - 600 103.

Report No. : HECSL/AA/66/170223

Report Date : 22/02/2023

Sample Description : Ambient Air Quality
Sampling Location : On Top of Platform Adjacent to Near Boiler Back Side
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/received Date : 17/02/2023 - 17/02/2023
Analysis Commenced On : 17/02/2023

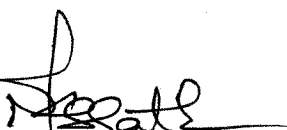
Completed On : 22/02/2023

S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	$\mu\text{g}/\text{m}^3$	11.25	IS 5182 (Part - 2) : 2001	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	20.72	IS 5182 (Part - 6) : 2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 μm	$\mu\text{g}/\text{m}^3$	50.24	IS 5182 (Part - 23) : 2019	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 μm	$\mu\text{g}/\text{m}^3$	21.64	IS 5182 (Part - 24) : 2006	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m^3	BLQ(LOQ 0.05)	IS 5182 (Part - 10) : 1999	4 (1 hours)	2 (8 hours)
6	Lead	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 0.05)	HECS-G/INS/SOP/ 041	1 (24 hours)	0.5 (Annual)
7	Ozone	$\mu\text{g}/\text{m}^3$	11.35	IS 5182 (Part - 9) : 1974	180 (1 hours)	100 (8 hours)
8	Ammonia	$\mu\text{g}/\text{m}^3$	7.01	IS 5182 (Part - 25) : 2018	400 (24 hours)	100 (Annual)
9	Benzene	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 1)	IS 5182 (Part - 11) : 2006	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	ng/m^3	BLQ(LOQ 1)	IS 5182 (Part - 12) : 2004	1 (Annual)	1 (Annual)
11	Arsenic	ng/m^3	BLQ(LOQ 2)	HECS-G/INS/SOP/041	6 (Annual)	6 (Annual)
12	Nickel	ng/m^3	BLQ(LOQ 10)	HECS-G/INS/SOP/041	20 (Annual)	20 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter, mg/m^3 - Milligrams per cubic meter, ng/m^3 - Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report


Verified By




Authorized Signatory

SIVAPRAKASAM. M
Lab Manager

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HECS-G/Q/FMT/49



Natco Pharma Limited, Chemical Division Chennai

ANNEXURE-9B

Greenbelt Development in site

The total extent of land available within the unit premises is 95419 Sq.meters, in that company has developed 38200 Sq.mtrs (**40.03 %**) of green belt. The Land area breakup details given in the below table & Photos attached for Green belt.

S No.	Description	Land Area	
		(SQ.Meters)	(%)
1	Ground Coverage Area	26979.69	28.27
2	Solid Waste storage area	170	0.18
3	Green Belt Area	38200	40.03
4	Road Area	19870	20.82
5	Vacant Area for Future Expansion	10199.32	10.69
Total Land Area		95419	100

Existing Green Belt Photos



GPS Point	
Latitude	Longitude
13°11'12.71"N	80°15'59.47"E

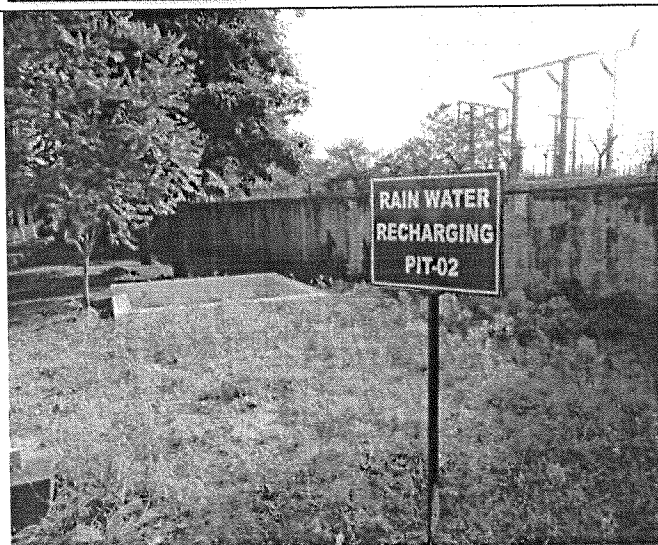
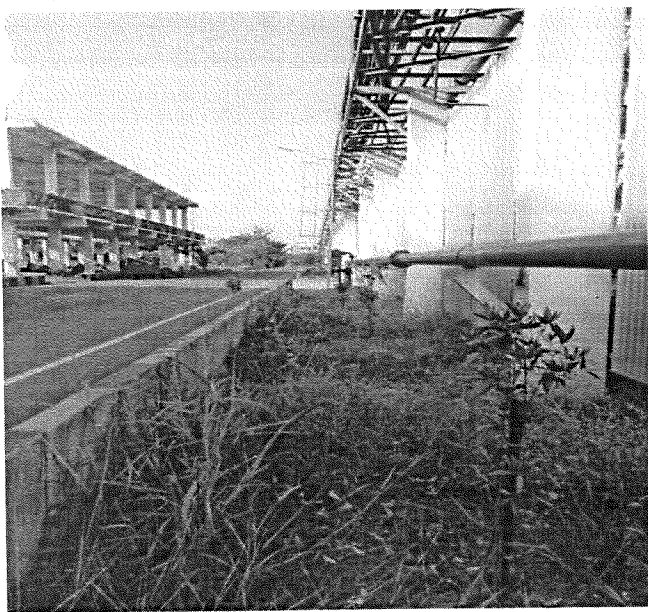


GPS Point	
Latitude	Longitude
13°11'21.60"N	80°16'1.91"E



GPS Point	
Latitude	Longitude
13°11'32.15"N	80°15'57.79"E

Greenbelt Under Development with drip irrigation System



Nearly 300 Nos of trees were planted in the company boundaries.



We have planted 150 Nos of trees in private land in about 9190sqm land which is adjacent to our entrance from Minjur highway road



Nearly 1700 trees are planted with drip irrigation system by hiring an external service provider to improve the greenbelt area & plant survival rate



By Management

THANTH

ബി.ജി. 1440 റജി. 5

[illegible]



Annexure - 11
NATCO PHARMA LIMITED

Regd Off: 'NATCO HOUSE', Road No. 2, Banjara Hills, Hyderabad-500 034. Telangana, INDIA
Tel : +91 40 23547532, Fax : +91 40 23548243 CIN : L24230TG1981PLC003201, www.natcopharma.co.in.
GSTIN : 33AAACN6927A1ZW

Date: 10.04.2023
Chennai-Manali

To

The Joint Chief Environmental Engineer (M),
First Floor, 950/1, Poonamallee High Road,
Arumbakkam,
Chennai-600 106

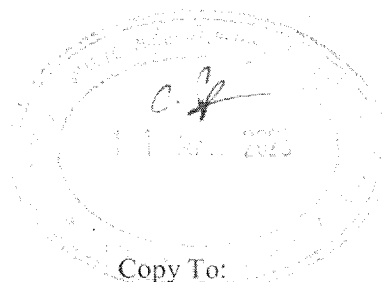
Respected Sir,

SUB: Submission of Environmental Statement in Form-V – Reg.

Here with we have attached our **Environmental Statement in Form-V for the financial year 2022 -2023** to your good office for your kind perusal.

Attachments:

1. Environmental Statement in Form-V.
2. Annexure-I & II (Raw Material Details).
3. Annexure-III (Treated Effluent's ROA)
4. Annexure-IV (ROA of AAQ, Stack, Ambient Noise Level Survey done by TNPCB)
5. Annexure-V (Hazardous Wastes Analysis report by TNWML)



Copy To:

TNPCB-Manali Office
No.33/80, 1st Main Road, Ramakrishna Nagar
Ernavoor, Chennai-600 057

With regards,

G.Vasan
AVP-Operations.

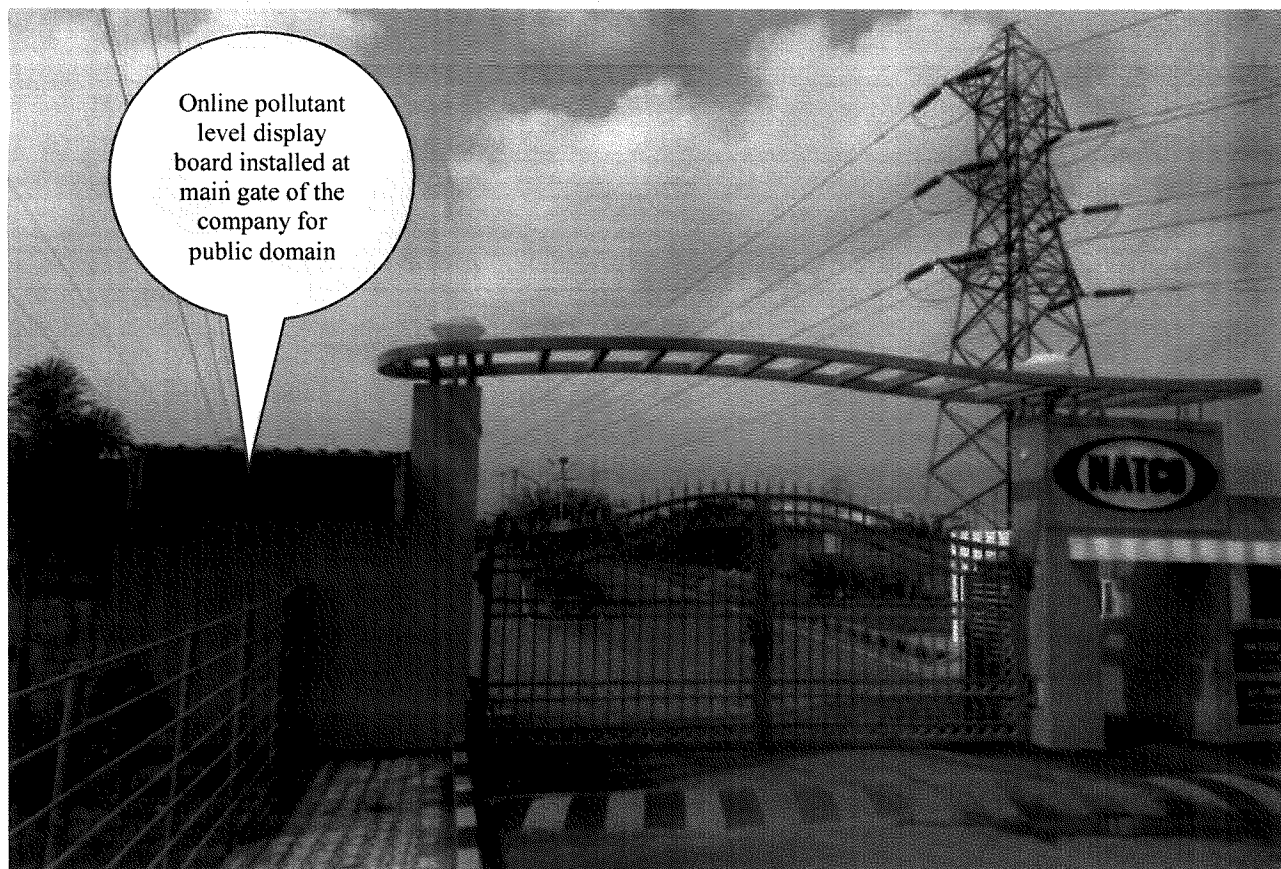


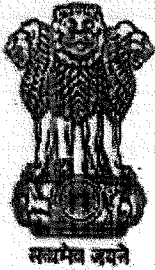
The RvA is a signatory to the IAF MLA

Manufacturing Site :
Chemical Division - Chennai.
(ISO 14001:2015 & ISO 45001:2018 Certified)
S.No. 74/7B, Vaikkadu TPP Salai, Manali, Chennai, Tamilnadu - 600 103.
Tel. : +91-7299009981/82/83/84



Pollutant Level (online) Display board at Main gate



**F. No. J-11011/456/2006-IA-II(I)**

Government of India
Ministry of Environment, Forest & Climate Change
Impact Assessment Division

Indira Paryavaran Bhavan,
Vayu Wing, 3rd Floor, Aliganj,
Jor Bagh Road, New Delhi-110 003

Dated: 20th July, 2020

To

M/s Natco Pharma Limited
Manali Industrial Area, Taluk Thiruvottiyur,
District **Thiruvallur** (Tamil Nadu)

Sub: Bulk Drug Manufacturing Unit at Manali Industrial Area, Taluk Thiruvottiyur, Thiruvallur, Tamil Nadu by M/s Natco Pharma Limited - Amendment in Environmental Clearance

Sir,

This refers to your online proposal No. IA/TN/IND2/146309/2020 dated 14th May, 2020 for amendment in the environmental clearance to the above project.

2. The Ministry of Environment, Forest and Climate Change has examined the above proposal for amendment in the environmental clearance granted by the Ministry vide letter dated 15th June, 2007 in favor of M/s NATCO Organics Ltd for bulk drug unit. Further, the SEIAA vide letter dated 20th February, 2019 has also granted EC in favour of M/s Natco Pharma Limited for Bulk Drugs (APIs) manufacturing Unit at Manali Industrial Area, Thiruvottiyur Taluk (formerly Vaikkadu, Ambattur Taluk) Thiruvallur District (Tamilnadu).

3. The project proponent has requested for amendment in the EC with the details are as under:-

S. No.	Para of ToR	Details as per the EC	To be revised read as	Justification / reasons
1.	EC dated 15-06-2007 Specific condition No. 4A(v) of	"Use of toxic solvents like Methylene Chloride (M.C.) etc. shall be minimum and Benzene shall be replaced with alternate solvents. All venting equipment shall have vapour recovery system. Methylene Chloride shall be phased out in a time bound	Amendment is for relaxation in usage of MDC & Chloroform in manufacturing Oncology products as per the specific condition No. 4A(v) in EC vide F.No. J-11011/456/06/2006-IA-II(I) dated 15-06-2007.	Replacing solvents like MDC and Chloroform with other solvents is leading to formation of new impurities in most of the cases contributing to generation of waste on higher levels. Also the product viability is drastically reduced and affecting the

		manner. A report shall be submitted to the Ministry after 2 year on the status of replacement of Methylene Chloride and Chloroform Solvent"		overall yields. Hence we request you to kindly allow the usage of MDC and Chloroform.
2.	EC dated 20-02-2019 Page No. 33 of 33: Annexure-01 of Proposed Products No. 40 and 41	Proposing to drop 2 products S.No. 40. Sertaline HCl-6TPA & S.No. 41. Sumatriptan Succinate-3TPA	Dropping 2 products from total 42 products i.e. Maximum 16 products from total 40 products	Due to high usage of MDC and Chloroform.

4. The proposal was considered by the Expert Appraisal Committee (Industry-2) in the Ministry in its meeting held on 15-17 June, 2020. The EAC, after detailed deliberations, **recommended** the amendment in EC dated 15th June, 2007 and 20th February, 2019 as proposed by the project proponent mentioned in the above table.

5. Based on recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords approval to the proposed amendment in the environmental clearance dated 15th June, 2007 and 20th February, 2019, **as stated in para 3 above**, to the project for 'Bulk Drugs (APIs) manufacturing Unit at Manali Industrial Area, Thiruvottiyur Taluk (formerly Vaikkadu, Ambattur Taluk) Thiruvallur District (Tamilnadu)'.

6. All other terms and conditions stipulated in the environmental clearance dated 15th June, 2007 and 20th February, 2019 shall remain unchanged.

(डा. आर. बी. लाल)
(Dr. R. B. Lal)
वैज्ञानिक 'ई' / Scientist 'E'
पर्यावरण, वन एवं जलवायु परिवर्तन विभाग
Min. of Environment, Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi
(Dr. R. B. Lal)
Scientist 'E' / Additional Director

Copy to: -

1. The Principal Secretary, Department of Environment, Ground Floor, Panagal Buildings 1, Jeenis Road, Saidapet, Chennai - 600 015.
2. The APCCF(C), MoEF&CC, Regional Office (SEZ), 1st and 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, **Chennai-34**
3. Member Secretary, Tamil Nadu Pollution Control Board, 76, Anna Salai, Guindy Industrial Estate, Race View Colony, Guindy, **Chennai - 32 (Tamil Nadu)**
4. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor bagh Road, **New Delhi**
5. Parivesh Portal

(Dr. R. B. Lal)
Scientist 'E' / Additional Director



NATCO PHARMA LIMITED

Regd Off: 'NATCO HOUSE', Road No. 2, Banjara Hills, Hyderabad-500 034, Telangana, INDIA
 Tel : +91 40 23547532, Fax : +91 40 23548243 CIN : L24230TG1981PLC003201, www.natcopharma.co.in.
 GSTIN : 33AAACN6927A1ZW

24.08.2020
 Chennai-Manali

To

The Chairman
 SEIAA- Tamilnadu,
 Third floor, Panagal Maligai
 No.1, Jeenis Road, Saidapet
 Chennai - 600 015

Respected Sir,

SUB : Communication regarding EC amendment

Ref.: Environmental Clearance vide Lr.No.SEIAA/TN/F.5869/5(f)/EC-67/2019 dated:20.02.2019

We have obtained Environmental Clearance (EC) from MoEF & CC, New Delhi for our New project (Lr.No.J.11011/456/06/2006-IA-II (I) Dated: 15.06.2007) in the year 2007. Subsequently we have applied EC for our expansion activity with SEIAA and obtained EC from SEIAA-TN in the year 2019 (Lr.No.SEIAA/TN/F.5869/5 (f)/EC-67/2019 dated: 20.02.2019).

During the EC process with SEIAA, committee has directed to produce an affidavit against the compliance to a specific condition no 4A (v) *"Use of toxic solvents like Methylene Chloride (M.C.) etc. shall be minimum and Benzene shall be replaced with alternate solvents. All venting equipment shall have vapour recovery system. Methylene Chloride shall be phased out in a time bound manner. A report shall be submitted to the Ministry after 2 year on the status of replacement of Methylene Chloride and Chloroform Solvent"*

M/s Natco submitted an Affidavit mentioned with "we commit we are replacing the MDC & Chloroform with the alternate solvents for the existing and the proposed products and thus will not use MDC & Chloroform in the existing and proposed products. In case if the yield, Quality and Stability of the final Product is not as per the limits and regulatory specifications, we shall approach MOEF (Ministry of Environment & Forest) for the relaxation of Specific Condition v. as accorded in the Environmental Clearance F.No. J-11011/456/2006/IA-II (I) dated 15th June 2007 which will be done prior to obtaining CTO Expansion from TNPCB " for obtaining EC for the Expansion activity.

Since the Organization has faced issue to get the Quality to meet the Regulatory specification on using alternate solvent, the Organization has approached MOEF (Ministry of Environment & Forest) for the exemption of the Specific Condition 4A (v) mentioned in the Original Environmental Clearance F.No. J-11011/456/2006/IA-II (I) dated 15th June 2007 & condition given in EC for expansion (Lr.No.SEIAA/TN/F.5869/5 (f)/EC-67/2019 dated: 20.02.2019).



he RvA is a signatory to the IAF MLA



Manufacturing Site :
 Chemical Division - Chennai.
 (ISO 9001:2015 and OHSAS 18001:2007 Certified)
 74/75, Kakkadu TPP Salai, Manali, Chennai, Tamilnadu - 600 103.
 Tel. : +91-7299009981/82/83/84





NATCO PHARMA LIMITED

Regd Off: 'NATCO HOUSE', Road No. 2, Banjara Hills, Hyderabad-500 034. Telangana, INDIA
Tel : +91 40 23547532, Fax : +91 40 23548243 CIN : L24230TG1981PLC003201, www.natcopharma.co.in.
GSTIN : 33AAACN6927A1ZW

On detailed discussion, the EAC committee (Industry-2) considered Natco's proposal for the relaxation of using MDC and Chloroform and further MoEF, New Delhi amended the Environmental Clearance vide F.No.J-11011/456/2006 -IA -II (I) dated: 20.07.2020 for the use of MDC & Chloroform for the production and dropping 2 products (Sertaline HCl- 6TPA & Sumatriptan Succinate - 3TPA) from total 42 products due to high usage of MDC and Chloroform and the same is attached here for your consideration

We request your good office to acknowledge this letter for our records.

Enclosures:

1. Copy of Environmental Clearance vide Lr.No.J.11011/456/06/2006-IA-II (I) Dated: 15.06.2007
2. Copy of Environmental Clearance vide Lr.No.SEIAA/TN/F.5869/5(f)/EC-67/2019 dated:20.02.2019
3. Copy of Amended EC vide F.No.J-11011/456/2006 -IA -II (I) dated:20.07.2020

With regards,

G. Vasan
(Sr.GM-Operations)



MGMT. SYS.
RVA C 024

The RVA is a signatory to the IAF MLA

Manufacturing Site :
Chemical Division - Chennai.
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24.08.2020
Chennai-Manali

To

The Honourable Chairman
Tamil Nadu Pollution Control Board,
No.76, Mount Salai
Guindy, Chennai - 600 032.

Respected Sir,

SUB : Communication regarding EC amendment

Ref.: Environmental Clearance vide Lr.No.SEIAA/TN/F.5869/5(f)/EC-67/2019 dated:20.02.2019

We have obtained Environmental Clearance (EC) from MoEF & CC, New Delhi for our New project (Lr.No.J.11011/456/06/2006-IA-II (I) Dated: 15.06.2007) in the year 2007. Subsequently we have applied EC for our expansion activity with SEIAA and obtained EC from SEIAA-TN in the year 2019 (Lr.No.SEIAA/TN/F.5869/5 (f)/EC-67/2019 dated: 20.02.2019).

During the EC process with SEIAA, committee has directed to produce an affidavit against the compliance to a specific condition no 4A (v) *"Use of toxic solvents like Methylene Chloride (M.C.) etc. shall be minimum and Benzene shall be replaced with alternate solvents. All venting equipment shall have vapour recovery system. Methylene Chloride shall be phased out in a time bound manner. A report shall be submitted to the Ministry after 2 year on the status of replacement of Methylene Chloride and Chloroform Solvent"*

M/s Natco submitted an Affidavit mentioned with "we commit we are replacing the MDC & Chloroform with the alternate solvents for the existing and the proposed products and thus will not use MDC & Chloroform in the existing and proposed products. In case if the yield, Quality and Stability of the final Product is not as per the limits and regulatory specifications, we shall approach MOEF (Ministry of Environment & Forest) for the relaxation of Specific Condition v. as accorded in the Environmental Clearance F.No. J-11011/456/2006/IA-II (I) dated 15th June 2007 which will be done prior to obtaining CTO Expansion from TNPCB " for obtaining EC for the Expansion activity.

Since the Organization has faced issue to get the Quality to meet the Regulatory specification on using alternate solvent, the Organization has approached MOEF (Ministry of Environment & Forest) for the exemption of the Specific Condition 4A (v) mentioned in the Original Environmental Clearance F.No. J-11011/456/2006/IA-II (I) dated 15th June 2007 & condition given in EC for expansion (Lr.No.SEIAA/TN/F.5869/5 (f)/EC-67/2019 dated: 20.02.2019).



The RvA is a signatory to the IAF MSA

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3. Copy of Amended EC vide F.No.J-11011/456/2006 -IA -II (I) dated:20.07.2020

With regards,

G. Vasan
(Sr.GM-Operations)

CC To:

1. The Member Secretary
Tamil Nadu Pollution Control Board,
No.76,Mount Salai
Guindy, Chennai - 600 032.
2. The Joint Chief Environmental Engineer (M)
Tamil Nadu Pollution Control Board,
First Floor, 950/1, Poonamallee High Road
Arumbakkam, Chennai-600 106



MGMT. SYS.
RVA C 024
RVA is a signatory to the IAF MLA

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