

Half Yearly Compliance Report**2024****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name	Expansion of synthetic Organic chemical manufacturing unit by M/s. Deepak Nitrite Limited, Hyderabad Specialties Division, Unit-1		
Name of Entity / Corporate Office	Deepak Nitrite Limited Unit-1		
Village(s)	QUTUBULLAPUR		
District	MEDCHAL MALKAJGIRI		
Proposal No.	IA/TG/IND2/95585/2018	Category	Industrial Projects - 3
Plot / Survey / Khasra No.	PLOT NO.90F, Phase-1, IDA Jeedimetla	Sub-District	Qutballapur
State	TELANGANA	Entity's PAN	*****7468A
MoEF File No.	J-11011/204/2019-IA-II(I)	Entity name as per PAN	DEEPAK NITRITE LIMITED

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office Deepak Nitrite Limited Unit-1

	Project Area as per EC Granted	Actual Project Area in Possession
Private	0.516	0.516
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0.516	0.516

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Diamino Stilbene Sulphonic Acid (DASDA)	Tons per Annum (TPA)	31/07/2026	5040	1240.53	2520

Conditions

General Conditions

Sr.No.	Condition Type	Condition Details
1	AIR QUALITY MONITORING AND PRESERVATION	Fly ash should be stored separately as per CPCB guidelines so that it may not adversely affect the air quality. Direct exposure of workers to fly ash and dust should be avoided.
PPs Submission: Complied Fly ash are stored separately and will be transported in short time to avoid exposure		Date: 26/12/2024
2	WATER QUALITY MONITORING AND PRESERVATION	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
PPs Submission: Complied Will be followed after Obtaining CFO (Present Domestic effluents are Send to CETP and HTDS effluents are sent To Deepak Nitrite Unit-2 for Further treatment)		Date: 26/12/2024
3	AIR QUALITY MONITORING AND PRESERVATION	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R.608(E) dated 21st July, 2010 and amended from time to time shall be followed. Fugitive emissions shall be controlled at 99.98 percentage with effective chillers.
PPs Submission: Complied Will be followed as per National Emission standard guideline		Date: 26/12/2024
4	Statutory compliance	Solvent management shall be carried out as follows: 1.Reactor shall be connected to chilled brine condenser system. 2.Reactor and solvent handling pump shall have mechanical seals to prevent leakages. 3.The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95 percentage recovery. 4.Solvents shall be stored in a separate space specified with all safety measures.
PPs Submission: Complied All reactor are connected to Chilled brine condenser system, solvent are handling with mechanical seal type pump to prevent leakage and solvents are stored in dedicated area		Date: 26/12/2024
5	Human Health Environment	Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
PPs Submission: Complied Earthing are provided and continuity test are performed by third party agency in every six months		Date: 26/12/2024
6	Human Health Environment	Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
PPs Submission: Not Complied No flammable Solvents are used and hence no flame proof fitting are arranged in plant premises		Date: 26/12/2024
7	WATER QUALITY MONITORING AND PRESERVATION	Total fresh water requirement shall not exceed 255 m3/day, proposed to be met from Hyderabad Metropolitan Water Supply Sewerage Board (HMWSSB). Prior permission in this regard shall be obtained from the concerned regulatory authority. 255 m3/day, proposed to be met from Hyderabad Metropolitan Water Supply

		Sewerage Board (HMWSSB). Prior permission in this regard shall be obtained from the concerned regulatory authority.
PPs Submission: Complied Total fresh water consumption are in the limits.		Date: 26/12/2024
8	WASTE MANAGEMENT	Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to
PPs Submission: Complied Hazardous waste will be sent to TSDF as per consent of operation		Date: 26/12/2024
9	AIR QUALITY MONITORING AND PRESERVATION	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
PPs Submission: Complied Various air pollution control devices are installed to control fugitive emission.		Date: 26/12/2024
10	Statutory compliance	While considering consent to establish/operate, the State Pollution Control Board shall verify facts/records on the observations of SEIAA, as stated in the ToR issued for the project.
PPs Submission: Complied Consent for Establishment has been issued by state pollution control board on 21.02.2022		Date: 26/12/2024
11	Statutory compliance	Necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, shall be obtained from the State Pollution Control Board
PPs Submission: Complied will be followed as guided by State pollution control board		Date: 26/12/2024
12	GREENBELT	The green belt of at least 5-10 m width shall be developed in nearly 33 percentage 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 the CPCB guidelines in consultation with the State Forest Department.
PPs Submission: Complied industry has developed greenbelt in an area of 786 Sq.mtrs as compensatory greenbelt at Pipeline road, IDA Jeedimetla intheir company own land.		Date: 26/12/2024
13	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and/ or any other statutory authority
PPs Submission: Complied Will be followed		Date: 26/12/2024
14	Risk Mitigation and Disaster Management	All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.

PPs Submission: Complied All storage tank are connected with vent condenser		Date: 26/12/2024
15	WASTE MANAGEMENT	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic and evaporation salt shall be disposed off to the TSDF.
PPs Submission: Complied At present Iron sludge are sent to cement industries and MEE salts are sending to TSDF		Date: 26/12/2024
16	WASTE MANAGEMENT	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer through pumps.
PPs Submission: Complied All hazardous chemical are stored in tank in dedicated area, and no flammable chemical are used in the plants		Date: 26/12/2024
17	Statutory compliance	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
PPs Submission: Complied Trem card and MSDS are provided along with Manifest to the vehicle which are carrying Hazardous waste and other materials		Date: 26/12/2024
18	Statutory compliance	No raw material/solvent prohibited by the concerned regulatory authorities from time to time, shall be used.
PPs Submission: Complied No Prohibited raw material are used		Date: 26/12/2024
19	Statutory compliance	The company shall undertake waste minimization measures as below: Metering and control of quantities of active ingredients to minimize waste. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. Use of automated filling to minimize spillage. Use of Close Feed system into batch reactors. Venting equipment through vapour recovery system. Use of high pressure hoses for equipment clearing to reduce wastewater generation.
PPs Submission: Complied a. Flow meter and load cell are installed for measuring/ metering of raw material and chemical B. Spent acid generated in the stage1 process is reused in stage 2 and 3 for neutralization and acidification. c. Automation and control valves are installed to maintain the required flow. all the storage tank are equipped with float sensor to avoid overflow/ spillage. D. Process stage are connected to multistage scrubber. e. Using high pressure hose jet pumps to reduce waste generation		Date: 26/12/2024
20	Corporate Environmental Responsibility	At least 1percentage of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.
PPs Submission: Complied We will follow		Date: 26/12/2024

21	AIR QUALITY MONITORING AND PRESERVATION	For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution
PPs Submission: Complied All DG sets are stack height are provided as prescribed CPCB.		Date: 26/12/2024
22	Risk Mitigation and Disaster Management	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.
PPs Submission: Complied Various fire fighting equipment are provided to reduce fire hazard		Date: 26/12/2024
23	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied Rain water are collected in the separte storage tank which is of 150 KL to avoid mixing with process effluent		Date: 26/12/2024
24	Statutory compliance	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any
PPs Submission: Complied Noted		Date: 26/12/2024
25	WATER QUALITY MONITORING AND PRESERVATION	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
PPs Submission: Complied Regular ambient air montoring are performed and submitting to SPCB		Date: 26/12/2024
26	Human Health Environment	No Asbestos, in any form, shall be used in the plant premises
PPs Submission: Complied No asbestos sheet are used in the plant permsies		Date: 26/12/2024
27	AIR QUALITY MONITORING AND PRESERVATION	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with
PPs Submission: Complied Following standard As per National Ambient air quality standard		Date: 26/12/2024
28	Noise Monitoring & Prevention	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures

		including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
PPs Submission: Complied Enclosure are provided for all sound emission equipment and regular monitoring are carried out and submitting to SPCB		Date: 26/12/2024
29	WATER QUALITY MONITORING AND PRESERVATION	The Company shall harvest rainwater from the roof tops of the buildings to recharge ground water, and to utilize the same for different industrial operations within the plant.
PPs Submission: Complied Rain water collection pit of 5 KL and storage tank of 30 kl are provided to collect the rain water		Date: 26/12/2024
30	Human Health Environment	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.
PPs Submission: Complied Regular training are conducting on chemical handling and various other topics and medical examination are carrying out on regular basis		Date: 26/12/2024
31	Human Health Environment	Occupational health surveillance including dental check up of the workers shall be done on a regular basis and records maintained as per the Factories Act.
PPs Submission: Complied Dental check up was involved in annual medical check up		Date: 26/12/2024
32	WATER QUALITY MONITORING AND PRESERVATION	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
PPs Submission: Complied Equipment is installed and letter was submitted to connect to server		Date: 26/12/2024
33	Corporate Environmental Responsibility	The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.
PPs Submission: Complied Will be followed		Date: 26/12/2024
34	Statutory compliance	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented.

PPs Submission: Complied Noted and will be followedc		Date: 26/12/2024
35	Human Health Environment	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
PPs Submission: Complied integrated qc lab are provided about laboratory facilites		Date: 26/12/2024
36	Corporate Environmental Responsibility	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
PPs Submission: Complied Noted		Date: 26/12/2024
37	MISCELLANEOUS	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal
PPs Submission: Complied A copy of clearance letter was given in local body and NGO		Date: 26/12/2024
38	Statutory compliance	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 clearance conditions shall also be sent to the respective Regional offices of MoEFCC by e-mail.
PPs Submission: Complied FORM-V was submitting every year t Regional Ro and Head office		Date: 26/12/2024
39	Statutory compliance	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://moef.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional office of the Ministry.
PPs Submission: Complied Noted and circulated in News paper as mentioned		Date: 26/12/2024
40	Statutory compliance	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEFCC, the

respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

PPs Submission: Complied
Six month compliance report are submitting through pravish online portal and same are submitted to SPCB

Date:
26/12/2024

Visit Remarks

Last Site Visit Report Date:

N/A

Additional Remarks:

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.

