

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-III		
Name of Entity / Corporate Office	Deepak Nitrite Limited Unit-III		
Village(s)	QUTUBULLAPUR		
District	MEDCHAL MALKAJGIRI		
Proposal No.	IA/TG/IND2/95620/2018	Category	Industrial Projects - 3
Plot / Survey / Khasra No.	PLOT NO.22, phase-1, IDA jeedimetla	Sub-District	Qutballapur
State	TELANGANA	Entity's PAN	*****7468A
MoEF File No.	J-11011/203/2019-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-III

	Project Area as per EC Granted	Actual Project Area in Possession
Private	0.424	0.424
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0.424	0.424

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Diamino Stilbene Di-Sulphonic Acid (DASDA)	Tons per Annum (TPA)	31/07/2026	5040	1241.15	2520

Conditions

General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	SPCB, while granting permission/consent under the Air/Water Act, shall take note of the observations of SEAC/SEIAA Telangana in their letter dated 26th April, 2018
PPs Submission: Complied Consent For establishment has been issued by State pollution control board on 21.02.2022		Date: 03/01/2025
2	Statutory compliance	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 separate storage tank which is of 30 KL to avoid mixing with process effluent		Date: 03/01/2025
3	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		Date: 03/01/2025
4	Statutory compliance	The company shall undertake waste minimization measures as below: 1.Metering and control of quantities of active ingredients to minimize waste. 2.Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. 3.Use of automated filling to minimize spillage. 4.Use of Close Feed system into batch reactors. 5.Venting equipment through vapour recovery system. 6.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 stage 1 process is used in stage 2 and 3 for neutralization and acidification. C. Automation and control valves are installed to maintain the required flow. D. All the storage tank are equipped with float sensor to avoid overflow/spillage. E. Process stage are connected to multistage scrubber. F. Using high pressure hose jet pump to reduce waste generation.		Date: 03/01/2025
5	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: 03/01/2025
6	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 device are installed to control fugitive emission		Date: 03/01/2025
7	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: 03/01/2025
8	WASTE MANAGEMENT	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.
PPs Submission: Complied will be compiled after obtaining CFO (At present Iron sludge and spent acid are the Hazardous waste)		Date: 03/01/2025
9	Statutory compliance	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 was stored separately and will be transported in short time to avoid exposure		Date: 03/01/2025
10	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. 5.Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. 6.Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. 7.All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
PPs Submission: Complied All reactor are connected to chilled bride condenser system, solvent are handling with mechanical seal type pump to prevent leakage and solvents are stored in dedicated area.		Date: 03/01/2025
11	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 Will be followed and Total fresh water consumption are in the limit		Date: 03/01/2025
12	Statutory compliance	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, No flammable are used in the plant		Date: 03/01/2025
13	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 green belt and also compensatory green belt at pipeline road , IDA jeedimetla in the own land		Date: 03/01/2025
14	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 Will be followed		Date: 03/01/2025
15	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: 03/01/2025
16	AIR 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 monitoring are performed and submitted to SPCB		Date: 03/01/2025
17	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 Will be followed as per National Ambient Air Quality Emission Standards		Date: 03/01/2025
18	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		Date:

Enclosure are provided for all sound emission equipment and regular monitoring are carried out and the same was submitted to TSPCB		03/01/2025
19	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 conducted on chemical handling and various other topic and medical examination are carrying out on regular basis		Date: 03/01/2025
20	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 Noted and will be followed		Date: 03/01/2025
21	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 Noted and Form-v was submitted in TGPCB head office and regional office		Date: 03/01/2025
22	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 the new papers		Date: 03/01/2025
23	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 followed		Date: 03/01/2025
24	Statutory compliance	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 will be followed		Date: 03/01/2025
25	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: 03/01/2025
26	Statutory compliance	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 set and stack height are provided as prescribed by CPCB		Date: 03/01/2025
27	Statutory compliance	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: 03/01/2025
28	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: 03/01/2025
29	AIR 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: 03/01/2025
30	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 premises		Date: 03/01/2025
31	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: 03/01/2025
32	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 5KL and storage tank of 30 Kl are provided to collect rain water		Date: 03/01/2025
33	Statutory compliance	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 Noted and will be followed		Date: 03/01/2025
34	Statutory compliance	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 to local bodies and NGO		Date: 03/01/2025
35	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: 03/01/2025
36	Statutory compliance	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 (at Present Domestic effluent are send to CETP and HTDS effluent are sent to Deepak Nitrite unit-2 for further treatment)		Date: 03/01/2025
37	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: 03/01/2025
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.

