



# Natco Pharma Limited

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CIN : L24230TG1981PLC003201, www.natcopharma.co.in



02<sup>nd</sup> December 2022

To

Deputy Director General of Forests (C),  
**Ministry of Environment, Forest and Climate Change,**  
Integrated Regional Office-Hyderabad,  
3<sup>rd</sup> Floor, Room No. 309, Aranya Bhavan,  
Opp. Reserve Bank of India, Saifabad,  
**HYDERABAD – 500 004**

Dear Sir,

**Sub: Submission of copy of Six-monthly EC compliance report for the period April-2022 to September-2022 for EC – Expansion Order F. No. J – 11011/181/2015-IA. II (I); Dated: 02<sup>nd</sup> May' 2017 – reg;**

Please find herewith the enclosed six-monthly EC compliance report uploaded in 'PARIVESH' portal for the period April-2022 to September-2022 for the conditions stipulated in the Environmental Clearance accorded to us vide F. No. J – 11011/181/2015-IA.II (I); Dated: 02<sup>nd</sup> May' 2017 (EC- Expansion)

As advised, by notification No.SO 5845(E) dated 26.11.2018 soft copy of the compliance report sending by e-mail ([eccompliance-tg@gov.in](mailto:eccompliance-tg@gov.in)) and hard copies not sending to your good office.

This is for your kind information and for your kind perusal.

Thanking you sir,

Yours faithfully,  
For **NATCO Pharma Limited - Chemical Division**

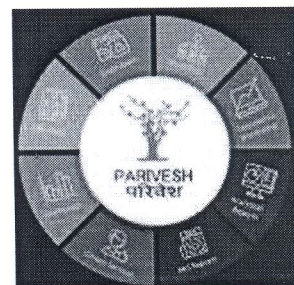
**Authorized Signatory**

**Copy to:**

1. CPCB Zonal Office, Bengaluru (by e-mail)
2. TSPCB, Sanathnagar, Hyderabad (Hard copies)
3. TSPCB – Regional Office, Nampally, Hyderabad (Hard copies)

# EC Conditions Six Monthly Compliance Report

(by Project Proponent)



**Proposal No : IA/TG/IND2/29060/2015**

1. **Name of the Entity / Corporate Office :**

NATCO PHARMA LIMITED  
CHEMICAL DIVISION  
MEKAGUDA (V)  
NANDIGAMA (M)  
RANGAREDDY (Dist)  
TELANGANA

2. **Proponent Details :**

3. **Compliance Letter/Report (Proponent):**

4. **Summary Status of Compliance :**





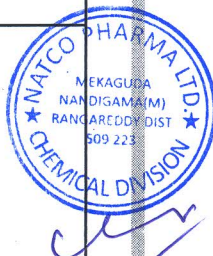
Total Condition :	36		
Complied :	12	Being Complied :	24
Not Complied :	0	Partially Complied :	0
Agreed to Comply :	0		






5. **Details of Production and Project Area :**

6. **Specific Conditions (Proponent) :**



S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	Total fresh water requirement from ground water and tankers source shall not exceed 763 m <sup>3</sup> /day and prior permission shall be obtained from the CGWA/SGWA.	Being Complied	Obtained the ground water permission from SGWA. We are ensuring that the freshwater consumption is within the stipulated limits. Water meters provided and closely monitoring the water consumption		
2	An Environment Cell will be set up with one environmental Manager having post graduate qualification in environmental sciences/Environmental engineering.	Complied	A dedicated Environment Management Cell with a Manager having PG in Env. Science is in place with a total strength of about 50 employees and headed by Sr.General Manager - EHS.		




3	As proposed, the organic residues and spent carbon will be disposed to TSDF/cement units for use as alternate fuel either in the solid or liquid form as recommended by CPCB. Inorganic salts/Evaporation salts/ETP sludge will be sent to HWMP- TSDF. Hazardous/Solid waste will be segregated, detoxified and collected in the HDPE drums/bags and will be stored in the covered and raised platform with leachate collection system till its disposal be	Being Complied	All Haz. Wastes are being disposed to authorized disposal facilities as specified in the Hazardous Waste Authorization issued by TSPCB.		
4	Fugitive emissions in the work zone environment, product, raw materials storage area etc. should be regularly monitored. The emissions should conform to the limits stipulated by SPCB	Being Complied	Fugitive emissions in the work zone environment (all process & storage areas) is being monitored and recorded with the help of in-house VOC meters at regular intervals. Installed fixed gas detectors		
5	All the commitment made regarding issues raised during the earlier Public Hearing/consultation meeting held on 21st December, 2016 shall be satisfactorily implemented.	Complied	Commitments made during the public hearing was completed, i.e. Roads, Digital health care center, Eye hospital, 6 RO plants for drinking water, Veterinary Doctor appointed for providing the medical		
6	The unit shall have 24x7 air quality monitoring system. Necessary facilities for air quality monitoring in monthly basis shall be installed.	Being Complied	Online continuous ambient air monitoring system (CAAQMS) installed in the down wind direction where the maximum ground level concentration is anticipated and connected to CPCB & TSPCB servers. Monthly	N/A	
7	Multi cyclone separator and bag filter with a stack of height of 40 m & 30 m shall be installed for controlling the particulate emissions (within statutory limit of 115 mg/Nm <sup>3</sup> ) for proposed 10 & 4 TPH coal fired boilers respectively. Adequate stack height shall be provided to DG set	Complied	Multi Cyclone Separator followed by Bag filters provided for coal fired boilers. Stack heights of 40mts for 10TPH Boiler, 30.60mts for 6TPH Boiler and 30mts for 4TPH boiler provided.		

8	Treated effluent should be passed through guard pond. Online pH meter, flow meter and TOC analyzer should be installed.	Complied	Guard pond tank constructed. Online pH meter, flow meter & TOC analyzer installed for treated water (Secondary RO Permeate) and recycle to cooling towers.		
9	Process emissions like HCl, SO <sub>2</sub> , NH <sub>3</sub> , Cb, Diethyl amine, Monomethyl amine, HBr, CO <sub>2</sub> & CO vents from the reactor shall be connected to duals scrubber with suitable chilled or room temperature liquid to scrub the emissions effectively. Scrubbed liquid will be sent to ETP for treatment or recovered as by-product.	Being Complied	Process emission vents from the process equipment (reactors) are being connected to two stage alkali scrubbers with automatic pH adjustment and recording system.		
10	The Company should obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 for management of hazardous wastes and prior permission from SPCB should be obtained for disposal of solid/hazardous waste in the TSDF. The concerned company should undertake measures for firefighting facilities in case of emergency	Complied	Obtained the Haz.waste Authorization order from TSPCB. Fire hydrant system, sprinkler systems & first aid firefighting fire extinguishers provided for the Haz.waste storage sheds.		
11	Chilled brine circulation system should be provided to condensate solvent vapors and reduce solvent losses. It should be ensured that solvent recovery should not be less than 95%.	Being Complied	Secondary condensers with chilled water / brine circulation systems installed to reduce the solvent losses there by improving the solvent recovery. Breather valves with nitrogen blanketing system.	N/A	
12	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.	Complied	Commitments made during the public hearing was completed, i.e. Roads, Digital health care center, Eye hospital, 6 RO plants for drinking water, Veterinary Doctor appointed.		
13	Zero' effluent discharge shall be adopted and no effluent shall be discharged outside the premises.	Complied	Implemented the zero liquid discharge system (ETP-ZLD) for treatment and recycling of effluents within		







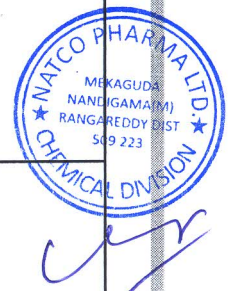
			the premises. Ensuring that no effluent is discharged within or outside the premises.		
14	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act	Being Complied	Pre-employment and annual medical examinations & Half-yearly medical examinations are being conducted for all employees. Medical records are being maintained.	N/A	
15	Effluent shall be segregated into high TDS and high COD stream, Low TDS & Low COD stream and Lean Effluent stream. High TDS and high COD stream shall be sent to Stripper followed by Multiple Effect Evaporator (MEE), Agitated Thin Film Drier (ATFD), Biological and Reverse Osmosis Plant. The organic distillate from the stripper is sent to incinerator for thermal destruction and aqueous bottom is sent to 1st MEE followed by 1st ATFD. Condensate from MEE and ATFD are sent	Being Complied	All the Effluents are being segregated into High TDS & High COD stream, Low TDS & Low COD stream, Domestic & Utility effluent stream and treated in zero liquid discharge system (ETP-ZLD).		
16	All the recommendations made in the risk assessment report should be satisfactorily implemented.	Being Complied	Implemented the recommendations made in the risk assessment report. Fire hydrant system with foam monitors, Automatic Medium velocity sprinklers, Dike walls, nitrogen blanketing system provided.		
17	The by-products which fall under the purview of the Hazardous Waste Rules, be handled as per the provisions of the said Rules and necessary permissions shall be obtained under the said rules.	Being Complied	Obtained the Hazardous Waste Authorization order from TSPCB. Succinamide, Raney Nickel, are included in the Haz. waste authorization order, and sent to authorized recyclers/sent back to manufacturers.	N/A	
18	Detectors for process emission detection shall be installed.	Complied	Fixed gas detectors installed in all production areas and storage	N/A	




			areas. About 350 detectors installed.		
19	As proposed, 10 m wide greenbelt ( perennial trees) in 40 % i.e., 13.67 Ha area should be developed in and around the plant premises to mitigate the effects of fugitive emissions all around the plant as per the CPCB guidelines in consultation with DFO. Selection of plant species should be as per the CPCB guidelines.	Being Complied	40% of land (13.67 hectares) is dedicated for green belt and developed the green belt with native species and with fruit bearing & medicinal plants. Ensured the 10mt wide greenbelt around the compound		






## 7. General Conditions (Proponent) :

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and any other statutory authority.	Being Complied	All stipulations made by the Telangana State Pollution Control Board are being complied from time to time. Valid consent order is in place and is valid up to 31.03.2025.		
2	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 is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated	Being Complied	Identified three ambient air quality monitoring locations in consultation with TSPCB and monitoring the ambient air quality on monthly basis through NABL approved lab.		
3	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Being Complied	Engaged an external NABL & MoEF & CC approved laboratory for monitoring of ambient air in three locations in the plant as per CPCB guidelines (G.S.R. No. 826 (E) dated 16th November 2009)		
4	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)	Being Complied	Noise levels are within the stipulated limits. Noise monitoring is being carried out in house at regular intervals and engaged an external NABL & MoEF & CC approved laboratory.		





	Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).				
5	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Being Complied	Six monthly compliance reports soft copy being submitted to MOEF&CC regional office, CPCB Zonal office through e-mail (as per the notification No: SO5845(E), dated:26.11.2018, hard copies not sending	N/A	
6	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Being Complied	We will ensure that no further expansion / modification (apart from the permitted EC-Expansion capacities) will not be taken up without prior approval of Ministry.	N/A	
7	The company shall also 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 relating to the project shall be implemented.	Being Complied	We are ensuring the compliance to all the applicable rules and regulations, environmental protection measures mentioned in the Environmental Management plan to protect the environment.	N/A	
8	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	Being Complied	Sufficient Funds earmarked for Environmental Management Systems Implementation. The funds so provided is not diverting for any other purpose and no constraints for budget.	N/A	
9	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	Being Complied	Environmental Statement in Form-V for the financial year ending 31st March-2022 is submitted on		



	under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.		08th September-2022. Also uploaded on company website. & sent to MOEF Regional office by e-mail.		
10	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Being Complied	Roof top rainwater collection & reuse system, Rainwater harvesting, and recharge system implemented for the entire campus. Water conservation initiatives implemented.		
11	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://moef.nic.in">http://moef.nic.in</a> . This shall be advertised within seven days from the date- of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the	Complied	Advertised in two local leading newspapers on 17.05.2017 and the copies of advertisement was submitted to MoEF&CC-RO on 17.05.2017 by speed post & soft copies sent by mail on 19.05.2017.		
12	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions	Being Complied	A dedicated Environment Management Cell with a Manager having PG in Env. Science is in place with a total strength of about 50 employees and headed by Sr.GM-EHS.		
13	The company shall undertake all relevant measures for improving the socio economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	Being Complied	Implementing the following: Safe drinking water, Schools, Skill development programs for the local youth, nutrition centers, Anganwadi School, after school tuition centers.		
14	The company shall undertake eco-developmental measures including community welfare measures in the project area	Complied	The Company had taken up eco development measures like: Clean and Green		



	for the overall improvement of the environment.		Program to bring the awareness in schoolchildren, "Vana Yagnam" Haritha haram to increase the green belt in the nearby community		
15	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.	Being Complied	Training calendar & training modules developed to cover all employees and training are being conducted at regular intervals. Pre-employment & periodical medical examinations are being conducted.		
16	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied	Project activities completed and obtained the CFO from TSPCB, and the plant is operational.		
17	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.	Complied	A copy of the EC order submitted to Gram Panchayat on 18.05.2017 and Zilla Parishad office on 17.05.2017.	N/A	

\*\*Note : N/A - Not Available

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