



ANDHRA PRADESH POLLUTION CONTROL BOARD

D. No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari Street, Kasturibaipet, Vijayawada - 520 010

Website: www.appcb.ap.nic.in

RED CATEGORY CONSENT & AUTHORIZATION ORDER BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No: APPCB/VJA/NLR/10725/HO/CFO/2018-

14/12/2018

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 & Amendments thereof and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s. Venkata Narayana Active Ingredients Private Limited, (Change of Product Mix)
(Formerly M/s. Nutra Specialties Pvt. Ltd.)
Chandrapadiya (V), Vinjamur (M), SPS Nellore District – 524 228, A.P.
Email: aditya@nutraforlife.com**

The Consent Order No: APPCB/VJA/NLR/10725/HO/CFO/2017-, dated 14.08.2017 issued to the industry, having validity upto 31.03.2021, stands cancelled.

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

i. Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1	HTDS effluents (Process & Washings – 14.23 KLD)	14.23 KLD	<ul style="list-style-type: none"> Shall be stripped off for organics recovery. Stripper distillate for separation of organic compounds followed by disposal to Cement Plants for co-processing & distilled effluents shall be recycled. Stripped effluents for forced evaporation in MEE followed by ATFD. Condensate from MEE & ATFD shall be recycled after treatment in ETP along with other LTDS effluents. ATFD salts to TSDF.

2	LTDS effluents (Boiler Blow Down – 11.8 KLD + Cooling Tower Blow Down – 35 KLD)	46.8 KLD	<ul style="list-style-type: none"> After treatment in ETP of capacity 100 KLD, the treated effluents shall be further treated in the RO Plant. RO permeate to be recycled. RO rejects to MEE
3	Domestic effluents	6.0 KLD	Septic tank followed by a soak pit

ii) Emissions from chimneys:

Chimney No.	Description of Chimney
1	Attached to 4.0 TPH Bio Briquettes Boiler
2	Attached to 3 TPH* Coal / Briquettes Fired Boiler
3	Attached to 500 KVA D. G. Set
4	Attached to 725 KVA D. G. Set

* The 3 TPH boiler shall be kept as stand by as committed vide letter dated 05.09.2018.

iii) Hazardous Waste Authorisation (Form – II) [See Rule 6 (2)]:

M/s. Venkata Narayana Active Ingredients Private Limited, SPSR Nellore District is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

• Hazardous Wastes With Disposal Option:

S. No	Name of Hazardous Waste	Stream	Quantity	Method of disposal
1.	Solid Waste from process	28.1 of Schedule – I	740.82 Kg/day	To TSDF for secured land fill
2.	ETP Sludge	35.3 of Schedule – I	10.32 Kg/day	
3.	Salts from Forced Evaporation system	--	135.48 Kg/day	
4.	Carbon Waste	28.3 of Schedule – I	21.85 Kg/day	To TSDF for incineration / cement industries for co-processing
5.	Solvent residue & Organic residue	20.3 of Schedule – I	218.7 Kg/day	
6.	Stripper distillate	--	238.9 Kg/day	
7.	Used Oil	5.1 of Schedule – I	120 LPA	Authorised reprocessors
8.	Mixed Solvents	--	45 TPM	To authorized recyclers / cement plants
9.	Container and container liners of hazardous chemicals (after detoxification)	33.1 of Schedule - I	30 Nos./ Month	To Recyclers after complete detoxification

This consent order is valid to produce the following products along with quantities indicated only:

S. No	Name of the Products	Quantity (kg/day)	Stating raw material	Qty. in kg/ day
1	Sitagliptin	3.33	2,4,5 tri fluoro pheny acetic acid	1.37

	phosphate			
2	Levetiracetam	166.67	(s) – 2-amino butyramide HCl	9.99
3	Lacosamide	16.67	D-serine	25.44
4	Risperidone	4.0	3-(2-chloro ethyl)-2-methyl-6, 7, 8, 9-tetrahydro – 4H- pyrido (1.2-a)-pyrimidine-4-one-hydrochloride	7.13
5	Diacerine	3.33	Aloe emodine	2.59
6	Vildagliptin	5.0	L-proline	2.17
7	Policosanol	0.13	Extracted crude	0.29
8	Warfarine sodium	4.0	4-hydroxyl coumarin	1.96
9	Tetracaine hydrochloride	20.0	4-amino benzoic acid	10.49
10	Olmesartan medoxomil	83.34	Imidazole ester	48.12
11	Boswellic acid	0.1	Boswellia serata gum	0.21
12	Moxifloxacin hydrochloride	3.33	Gati Acid	2.66
13	Linagliptin	6.66	Xanthan moiety	5.27
14	Voglibose	0.83	Voglibose Crude	0.87
15	Teneligliptin	0.33	4-oxopyrrolidine carboxylic acid	0.10
16	Sevelamer Carbonate	0.33	Allylamine	0.12
17	Pregabalin	0.33	Ter-butyl-3- (hydroxyl methyl) – 5-methyl hexanoate	0.51
18	Colistimide	0.33	2-methyl imidazole	0.16
19	Gabapentine	0.33	Gabapentine tech	0.34
20	Methylcobalamin	0.16	Cyanocobalamin	0.19
21	L-Methylfolate Calcium	0.33	Folic acid	0.38
22	Ferric Citrate	0.15	Ferric chloride	0.14
23	Chlorzoxazone	0.15	4-chloro-2-aminophenol	0.09
24	Nitrofurantoin Monohydrate	0.15	Urea	0.04
25	Cinacalcet Hydrochloride	0.06	3-(3-Trifluoromethyl-phenyl)-propionaldehyde	0.05
26	Sucroferric Oxyhydroxide	0.06	Ferric chloride	0.02
27	Dimethyl Fumarate	0.06	Fumaric acid	0.05
28.	Atovaquone	0.06	Intermediate-1	0.03
29.	Droxidopa	0.06	Intermediate-1	0.09
30.	Allyl Isopropyl Acetyl Urea	33.34	Dimethyl malonate	90.90
31.	Fexofenadine HCl	16.67	Fexofenadine HCl Crude	35.32
32.	Loxoprofen	13.33	2-Phenyl propanoic acid	9.52

33.	Loratadine	8.33	Loratadine crude	8.5
34.	Bepotastin	1.67	Bepotastin crude	1.70
35.	Azilsartan Medoxomil	1.67	Benzo carboxylate	1.34
	Total	395.29 kg/day (or) 142.32 TPA		

S. No	By-Product	Products from which by-products are generated	After change of product mix
1	Olimesartan Medoximil	NaBr	157.23 kg/ Month
2	Teracaine Hydrochloride	NaBr	68 kg/ Month

This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of Consent & Hazardous Waste Authorization shall be valid for a period ending with the **31st March, 2021.**

VIVEK YADAV IAS, MS(VY), O/o MEMBER SECRETARY-APPCB

To

**M/s. Venkata Narayana Active Ingredients Private Limited, (Change of Product Mix)
(Formerly M/s. Nutra Specialties Pvt. Ltd.,)
Chandrapadiya (V), Vinjamur (M), SPS Nellore District – 524 228, A.P.**

Copy to:

1. The JCEE, **ZO: Vijayawada** for information.
2. The EE, **RO: Nellore** for information and with a direction to pursue the industry to hand over the consent order dated 14.08.2017 and inform the same to Board Office.

SCHEDULE-A

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
2. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
3. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
4. The industry should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.
5. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
6. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E (P) Rules, 1986 & amendments thereof.

7. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.

SCHEDULE-B

Water Pollution:

1. The source of water being Ground water. The following is the permitted water consumption:

S. No	Purpose	Quantity (KLD)
1.	Processing, whereby water gets polluted and the pollutants are not easily bio-degradable.	13.80
2.	Industrial cooling	100
3.	Boiler Feed	42
4.	Domestic	8
5.	Gardening Purposes	10
	Total	173.80 KLD

2. Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above.
3. The industry shall provide magnetic digital flow meters with totalisers at the inlet and outlet of Stripper, MEE, ETP and RO and maintain the records of effluents generated, treated, reused, etc.
4. All the units of ZLD system consisting of stripper, MEE, ATFD system with condenser, Biological ETP and RO plant shall operated properly. All the units of the ZLD system shall be impervious to prevent ground water pollution. Effluents shall not be discharged on land or into any water bodies or aquifers under any circumstances.
5. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. All pipe valves, sewers, drains shall be leak proof.

Air Pollution:

6. The emissions shall not contain constituents in excess of the prescribed limits mentioned below:

Chimney No.	Parameter	Emission Standards
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1 & 2	Particulate matter	115 mg/Nm ³
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7. The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10mm) - 100 mg/ m³; PM2.5 (Particulate Matter size less than 2.5 mm) - 60 mg/ m³; SO₂ - 80 mg/ m³; NO_x - 80 mg/m³, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)

Night time (10 PM to 6 AM) - 70 dB (A)

8. The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.
9. The industry shall properly maintain & operate the monitoring system to all the stacks / vents in the plant. Regular monitoring shall be carried out and report shall be submitted to the Regional office.
10. The industry shall properly maintain & operate multi-stage scrubbers to the process vents to control the process emissions. The industry shall provide online pH measuring facility with auto recording system to the scrubbers provided to treat the process emissions.
11. The industry shall properly maintain & operate VOC monitoring system with auto recording facility.
12. The industry shall implement adequate measures to control all fugitive emissions from the plant.
13. The proponent shall not use or generate odour causing substances or Mercaptans and cause odour nuisance in the surroundings.
14. The industry shall send the used / spent solvents to the recyclers (or) process them at their own solvent recovery facility within the premises.
15. The evaporation losses in solvents shall be controlled by taking the following measures:
- Chilled brine circulation shall be carried out to effectively reduce the solvent losses into the atmosphere.
 - Transfer of solvents shall be done by using pumps instead of manual handling.
 - Closed centrifuges shall be used to reduce solvent losses.
 - All the solvent storage tanks shall be connected with vent condensers to prevent solvent vapours.
 - The reactor vents shall be connected with primary & secondary condensers to prevent escaping of solvent vapour emissions into atmosphere.

Solid Waste:

16. The industry shall dispose solid waste (NON HAZARDOUS) as follows

S. No	Name of the Solid Waste	Quantity	Disposal
1	Boiler ash	3.0 TPD	To Brick Manufacturers

General:

17. **The industry shall handover the original Consent Order dated 14.08.2017 to the RO: Nellore after receipt of this CFO order.**
18. The proponent shall place the chemical drums and / or any drums in a shed provided with concrete platform only. The Platform shall be provided with sufficient dyke wall and effluent collection system. The industry shall provide containers detoxification facility. Container & Container liners shall be detoxified at the specified covered platform with dyke walls and the wash wastewater shall be routed to low TDS collection tank.
19. Separate Bag filters shall be installed for each boiler as committed vide letter dated 05.09.2018.
20. The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
 - a. Daily production details.
 - b. Quantity of Effluents generated, treated, forced evaporated, condensate generated and recycled/reused.
 - c. Log Books for pollution control systems.
 - d. Characteristics of effluents, Ambient air quality and emissions.
 - e. Hazardous/non hazardous solid waste generated and disposed.
 - f. Inspection book.
 - g. Manifest copies of hazardous waste.
21. Green belt shall be developed in remaining area of 5 acres with tall growing trees with good canopy so that it shall not be less than 33% of the total area, as committed vide letter dated 05.09.2018.
22. The industry shall install online monitoring systems and connect and maintain monitoring system to APPCB/CPCB websites as per CPCB directions dated 05.02.2014 & 02.03.2015 and guidelines issued regarding online monitoring systems from time to time.
23. The industry shall submit a copy of policy of Public Liability Insurance (PLI) duly indicating the amount contributed towards Environmental Relief Fund (ERF) to the RO once in six months.
24. The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Regional Office and Zonal Office of the Board.
25. The industry shall comply with standards and directions issued by CPCB / MoEF&CC as and when notifications are issued.
26. The industry shall submit compliance report on the conditions mentioned in the consent order every six months i.e., on 1st of January and July of every year to the Regional Office/ Zonal Office.

SCHEDULE – C

[See rule 6 (2)]

**[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR
HANDLING HAZARDOUS WASTES]**

1. All the rules and regulations notified by Ministry of Environment and Forests, Government of India under the E (P) Act, 1986 in respect of management, handling, transportation and storage of the Hazardous wastes should be followed.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
3. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured

way in their premises till its disposal to the manufacturers / dealers on buyback basis.

4. The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.
5. The industry shall maintain proper records for Hazardous and Other Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20 (2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

VIVEK YADAV IAS, MS(VY), O/o MEMBER SECRETARY-APPCB

To

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