

**INSPECTION REPORT OF SRI R GURUMURTHY, SENIOR ENVIRONMENTAL OFFICER,
BANGALORE CITY.**

Sl. No	Particulars	Details
1	Name & address of industry	M/s. Bio-Gen Extracts Pvt.Ltd., Plot No.57, Somapura KIADB Industrial Area, Dobaspet 3 rd Phase, Nelamangala, Bangalore-562 111.
2	Date of Inspection	21.05.2019.
3	Person Contacted	Mr.Jai Shankar. R, Director.
4	Category	Large-Red
5	Consent status	The Consent for Operation under Red category was issued from Board Office vide No. AW-302325 Dated: 23.03.2017 which is valid up to 30.06.2021.
6	HWM Authorization Status	HWM Authorization was issued vide Board office vide No. 311998, Dt:04.04.2019, which is valid upto 30.06.2022

Ref:- Board Office Memo No. PCB/05/EGV-16/5848, Dt: 04.02.2019

As per the directions of the Board Office vide reference, cited above, **M/s. Bio-Gen Extracts Pvt.Ltd., Plot No.57, Somapura KIADB Industrial Area, Dobaspet 3rd Phase, Nelamangala, Bangalore-562 111**, was inspected on 21.05.2019 as random inspection. **The factory was working during inspection.**

Environmental Clearance:-

The factory authorities have obtained the Environmental clearance SEIAA from Department of Ecology and Environmental Govt.of Karnataka. The factory authorities informed to surrendered the Environmental Clearance. Since, they have not manufacturing products mentioned in Environmental clearance.

The consent for operation is granted for the following activities/products:-

Sl.No	Product Name	Applied Qty/Month	Unit
1	Co-Enzyme Q10	500.0000	KGS
2	Glucosamine Hydrochloric acid	1000.000	KGS
3	Glucosamine Sulphate Potassium	250.0000	KGS
4	Glucosamine Sulphate Sodium	250.0000	KGS
5	Lutein Oleoresim	33.3300	KGS
6	Lycopene	300.0000	KGS
7	Natural Beta Cartene	500.0000	KGS
8	Pyrimethamine	500.0000	KGS
9	Rotodrine HCl	25.0000	KGS
10	Rutin	834.0000	KGS
11	Soy Isoflavones	416.0000	KGS


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The factory authorities have informed that, they are stopped manufacturing the following products:-

Sl.No	Product Name	Applied Qty/Month	Unit
1	Glucosamine Hydrochloric acid	1000.000	KGS
2	Glucosamine Sulphate Potassium	250.0000	KGS
3	Glucosamine Sulphate Sodium	250.0000	KGS
4	Pyrimethamine	500.0000	KGS
5	Rotodrine HCl	25.0000	KGS
6	Rutin	834.0000	KGS
7	Soy Isoflavones	416.0000	KGS

The factory authorities have informed to the Drugs Controller Govt. of Karnataka vide their letter No.BEPL/DRA/009/APR 2018, Dt:14.04.2018, that above said products are not manufacturing at the above said premises. They have not renewed the license from Drugs controller.

At present they are manufacturing following products:-

Sl.No	Product Name	Applied Qty/Month	Unit
1	Lutein Oleoresim	33.3300	KGS
2	Lycopene	300.0000	KGS
3	Natural Beta Cartene	500.0000	KGS

The factory authorities informed that Co-Enzyme Q10 of capacity 500 Kg's are imported and packing.

WATER POLLUTION CONTROL STATUS:

The source of water supply is from Borewell. About 16 people are working.

The details are as follows:-

Sl. No.	Purpose	WC (KLD)	WWG (KLD)	Mode of disposal
1	Boiler Feed	3.000	0.100	Primary treated effluent is being handed over to CETP
2	Cooling Water	1.500	0.200	
3	Manufacturing Processes	4.000	4.000	

The Domestic effluents generated from the factory is being treated in Septic tank followed by Soak Pit.


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The factory authorities have provided effluent treatment plant consisting of chemical treatment followed by filtration , Nano filtration and reverse osmosis (photos enclosed)

At present, the quantity of effluents generated from the manufacturing of above said 04 products is very less and they are handing over the trade effluents to the CETP. They have made an MOU with CETP by name Bangalore Eco Park Pvt. Ltd., Dabaspet, Nelamangala and they have submitted the copies of manifest (Form-10) for handing over the effluents.

AIR POLLUTION CONTROL STATUS: The sources of Air pollution and air pollution control measures provided by the industry are as follows.

SI No.	Source	Chimney ht. with APC measures stipulated	Provided	Remarks
1	Laboratory-4 exhaust	3.0 ARL with Cladding	3.0 ARL with Cladding	Adequate
2	2 Centrifuge	3.0 m ARL with Cladding	3.0 m ARL with Cladding	Adequate
3	30 KVA DG Set	3.0 m ARL with acoustic enclosures	3.0 m ARL with acoustic enclosures	Adequate
4	320 KVA DG Set	6.0 m ARL with acoustic enclosures	6.0 m ARL with acoustic enclosures	Adequate
5	600 Kg/hour Boiler	21 m AGL with Cladding	21 m AGL with Cladding	Adequate
6	Scrubber for 6 reactor	3.0 m ARL with Cladding	3.0 m ARL with Cladding	Adequate

HWM AUTHORIZATION STATUS

Industry authority has obtained authorization with under HWM Rules, 2016 for generation; storage and disposal of Hazardous wastes vide Board office authorization No. 311998, Dt: 04.04.2019, valid upto 30.06.2022.

The details are as follows:

Waste category	Type of Waste	Authorized quantity	Mode of storage & disposal
28.1	Process Residues and Wastes	5.000 Kg	Stored in secured manner and handed over to KSPCB authorized incinerator/incineration.


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	Spent catalyst	0000	--
28.6	Spent Solvents	1.500 KLT	Stored in secured manner and handed over to KSPCB authorized incinerator/incineration.
35.3	Chemical Sludge from Waste Water Treatment	3.000 M.T	Shall be stored in a secured manner and handed over to KSPCB authorized recyclers.
5.1	Used Oil (from oil drums)	0.200 KL	Shall be collected in leak proof containers & disposed only to registered/authorized re-processors as per Schedule 5 Part A of Rules
5.2	Wastes Residues containing oil	1.000 M.T	Shall be stored in a secured manner and handed over to KSPCB authorized incinerator.

The use of catalyst and generation of spent catalyst is not there, as they have stopped the manufacture of above said products.

Hazardous waste is being segregated and stored in a HDPE containers (Photos enclosed)

Monitoring:-

They have installed Online monitoring system with digital flow meter connected to the Server (photos enclosed)

Rain Water Harvesting System:-

They have implemented Rain Water Harvesting System.

The factory authorities have stopped manufacturing of Bulk drugs and they have requested change of industry category from RED to Orange.

In this regard, the factory authorities already submitted to request letter to Board Office.

The copies of the documents are herewith enclosed for your kind perusal and reference.

Encl: As mentioned above.


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