

Your ( <b>Environment Clearance</b> ) application has been <b>Submitted</b> with following details	
Proposal No	IA/MH/IND3/260306/2017
Compliance ID	<a href="#">28695495</a>
Compliance Number(For Tracking)	EC/M/COMPLIANCE/28695495/2024
Reporting Year	2024
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	<a href="#">01-06-2024</a>
IRO Name	V Geroge Jenner
IRO Email	<a href="mailto:tr025@ifs.nic.in">tr025@ifs.nic.in</a>
State	MAHARASHTRA
IRO Office Address	Integrated Regional Offices, Nagpur
<b>Note:-</b> SMS and E-Mail has been sent to V Geroge Jenner, MAHARASHTRA with Notification to Project Proponent.	



**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Impact Assessment Division)**

To,

The Director  
SHOGUN ORGANICS LIMITED  
Plot No D-18, Kurkumbh MIDC, Taluka Daund, District  
Pune,,Pune,Maharashtra-413802

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/MH/IND3/260306/2017 dated 05 Apr 2022. The particulars of the environmental clearance granted to the project are as below.

- |                                                   |                                                                                                                                                                                       |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. <b>EC Identification No.</b>                   | <b>EC22A017MH117397</b>                                                                                                                                                               |
| 2. <b>File No.</b>                                | J-11011/241/2017-IA II(I)                                                                                                                                                             |
| 3. <b>Project Type</b>                            | Expansion                                                                                                                                                                             |
| 4. <b>Category</b>                                | A                                                                                                                                                                                     |
| 5. <b>Project/Activity including Schedule No.</b> | 5(b) Pesticides industry and pesticide specific intermediates (excluding formulations)                                                                                                |
| 6. <b>Name of Project</b>                         | Proposed expansion project for manufacturing of pesticides and specific pesticide intermediates at Plot No.: D-18, MIDC Kurkumbh, Dist. Pune, Maharashtra. by Shogun Organics Limited |
| 7. <b>Name of Company/Organization</b>            | SHOGUN ORGANICS LIMITED                                                                                                                                                               |
| 8. <b>Location of Project</b>                     | Maharashtra                                                                                                                                                                           |
| 9. <b>TOR Date</b>                                | 23 Jan 2018                                                                                                                                                                           |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 01/06/2022

(e-signed)  
**Mr. Motipalli Ramesh**  
**Scientist E**  
**IA - (Industrial Projects - 3 sector)**

*Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.*

*This is a computer generated cover page.*

**PARIVESH**

*(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environment Single-Window Hub)*



**File No. IA-J-11011/241/2017-IA-II(I)**  
**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Impact Assessment Division)**

\*\*\*

Indira Paryavaran Bhawan  
Jorbagh Road  
New Delhi - 110003

**Dated: 31<sup>st</sup> May, 2022**

To

**M/s Shogun Organics Limited,**  
Plot No D-18, Kurkumbh MIDC,  
Taluka Daund, District Pune,  
Maharashtra-413802.  
Email: 1961hmv@gmail.com

**Project: Proposed expansion for manufacturing of pesticides and specific pesticide intermediates with production capacity of 4211.80 TPA located at plot no. D-18, MIDC Kurkumbh, Dist. Pune, Maharashtra by M/s Shogun Organics Limited - Environmental Clearance**

Sir,

This has reference to your proposal No. IA/MH/IND3/260306/2017, dated 05.04.2022, on the above subject matter.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for proposed expansion for manufacturing of pesticides and specific pesticide intermediates with production capacity of 4211.80 TPA located at plot no. D-18, MIDC Kurkumbh, Dist. Pune, Maharashtra by M/s Shogun Organics Ltd.

3. The details of products and capacity are as under:

Sr. No.	Name of the Products	CAS No.	Existing Qty. (TPA)	Additional Proposed Qty. (TPA)	Total Qty. (TPA)	Uses
<b>Group 1: Pyrethroid</b>						
1	D-Allethrin	584-79-2	681.00	200.00	881.00	Insecticides Used in control of Mosquitoes, cockroaches, fleas and other indoor pests at home, Hospitals etc.
2	Bifenthrin	82657-04-3				
3	Cypermethrin	52315-07-8				
4	Diethyl Toluamide Technical (DEET)	134-62-3				
5	Deltamethrin	52918-63-5				
6	Dimefluthrin	271241-14-6				
7	D-Trans Allethrin	28434-00-6				
8	Fipronil	120068-37-3				

Sr. No.	Name of the Products	CAS No.	Existing Qty. (TPA)	Additional Proposed Qty. (TPA)	Total Qty. (TPA)	Uses	
9	Imidacloprid	138261-41-3	00.00				
10	Permethrin	52645-53-1					
11	Prallethrin	23031-36-9					
12	Renofluthrin	352271-52-4					
13	Transfluthrin	118712-89-3					
14	Chrysanthemic Acid Chloride	14297-81-5				Intermediates for Insecticide Actives	
15	Cypermethric Acid Chloride	52314-67-7					
16	R-Cypermethric Acid	59042-50-8					
17	Alphamethrin	67375-30-8					Insecticides For Use in Control of Mosquitoes and variety of insects
18	Metofluthrin	240494-70-6					
19	Beta Cyfluthrin	1820573-27-0					
20	Cyfluthrin	68359-37-5					
Note: "For group 1 total plant capacity i.e. 881 MT/A, we confirm that we will not exceed the same. For the purpose of byproducts, we have assumed a typical scenario of production of maximum 200 MT/A of product no. 2: Bifenthrin, product no. 3: Cypermethrin, product no. 13: Transfluthrin and maximum 100 MT/A of remaining 17 products. You may note that this may individually would add up to 2300 T/A. Thus building safety, byproducts, raw material requirement, hazardous waste which actually could be much lower as a cumulative production with maximum 881 MT/A"							
Group 2: Herbicide Plant 1							
1	Bispyribac Sodium	125401-92-5	00.00	900.00	900.00	Herbicides Used for the control of grasses and shrubs	
2	Clodinafop Propargyl	105512-06-9					
3	Metribuzin	21087-64-9					
4	Pyrazosulfuran Ethyl	93697-74-6					
5	Cyhalofop Butyl	122008-85-9					
6	Fenoxaprop P Ethyl	71283-80-2					
7	Mesotrione	104206-82-8					
8	Penoxsulam	219714-96-2					



Sr. No.	Name of the Products	CAS No.	Existing Qty. (TPA)	Additional Proposed Qty. (TPA)	Total Qty. (TPA)	Uses	
9	Propaquizafop	111479-05-1					
10	Quizalofop Ethyl	100646-51-3					
11	Sulfosulfuron	141776-32-1					
12	Tembotrione	335104-84-2					
13	Cloquintocet Mexyl	99607-70-2					
14	Ametryn	834-12-8					
	Note: “For group 2 total plant capacity i.e. 900 MT/A, we confirm that we will not exceed the same. For the purpose of byproducts, we have assumed a typical scenario of production of maximum 200 MT/A of product no. 2: Clodinafop Propargyl, product no. 3: Metribuzin, product no. 5: Cyhalofop Butyl, product no. 8: Penoxsulam and maximum 100 MT/A of remaining 10 products. You may note that this may individually would add up to 1800 T/A. Thus building safety, byproducts, raw material requirement, hazardous waste which actually could be much lower as a cumulative production with maximum 900 MT/A”						
	Group 3: Insecticide						
1	Lambda Cyhalothrin	91465-08-6	00.00	900.00	900.00	Insecticides Used in controls sucking and chewing insects, including aphids, whitefly, thrips, rice hoppers, rice bugs etc.	
2	Thiamethoxam	153719-23-4					
3	Acetamiprid	135410-20-7					
4	Dinotefuran	165252-70-0					
5	Pymetrozine	123312-89-0					
6	Pyriproxyfen	95737-68-1					
7	Tebuconazole	107534-96-3				Fungicides Used to control fungi, bacteria, and viruses affecting plants	
8	Difenoconazole	119446-68-3					
9	Pyraclostrobin	175013-18-0					
10	Tricyclazole	41814-78-2					
11	Trifloxystrobin	141517-21-7					
12	Chlorantraniliprole	500008-45-7					Insecticides Used in controls insects, including aphids,
13	Flonicamid	158062-67-0					
14	Clothianidin	210880-92-5					

Sr. No.	Name of the Products	CAS No.	Existing Qty. (TPA)	Additional Proposed Qty. (TPA)	Total Qty. (TPA)	Uses
15	Diafenthiuron	80060-09-9				whitefly, thrips, rice hoppers, rice bugs, turf grasses, etc.
16	Ethiprole	181587-01-9				
17	Fenpyroximate	134098-61-6				
18	Indoxacarb	173584-44-6				
19	Novaluron	116714-46-6				
20	Spiromesifen	283594-90-1				
21	Thiacloprid	111988-49-9				
22	Thiodicarb	59669-26-0				
23	Tolfenpyrad	59669-26-0				
24	Azoxystrobin	131860-33-8				Fungicides used to control plant diseases
25	Boscalid	188425-85-6				
26	Cyazofamid	120116-88-3				
27	Cyproconazole	94361-06-5				
28	Epoxiconazole	135319-73-2				
29	Hexaconazole	79983-71-4				
30	Isoprothiolane	50512-35-1				
31	Krexosim Methyl	143390-89-0				
32	Metalaxyl	57837-19-1				
33	Metalaxyl- M	70630-17-0				
34	Paclobutrazol	76738-62-0				
35	Penconazole	66246-88-6				
36	Picoxystrobin	117428-22-5				
37	Propiconazole	60207-90-1				
38	Tetraconazole	112281-77-3				

Sr. No.	Name of the Products	CAS No.	Existing Qty. (TPA)	Additional Proposed Qty. (TPA)	Total Qty. (TPA)	Uses
	Note: "For group 3 total plant capacity i.e. 900 MT/A, we confirm that we will not exceed the same. For the purpose of byproducts, we have assumed a typical scenario of production of maximum 150 MT/A of product no. 1: Lambda Cyhalothrin, maximum 300 MT/A of product no. 2: Thiamethoxam, maximum 200 MT/A of product no. 7: Tebuconazole and maximum 100 MT/A of remaining 35 products. You may note that this may individually would add up to 4150 T/A. Thus building safety, byproducts, raw material requirement, hazardous waste which actually could be much lower as a cumulative production with maximum 900 MT/A"					
	Group 4: Herbicide Plant 2					
1	Acifluorfen	50594-66-6	00.00	900.00	900.00	Herbicides used to control a wide spectrum of broadleaf weeds and woody plants.
2	Bentazone	25057-89-0				
3	Bensulfuron Methyl	83055-99-6				
4	Carfentrazone Ethyl	128639-02-1				
5	Clethodim	99129-21-2				
6	Dicamba	1918-00-9				
7	Diclosulam	145701-21-9				
8	Halosulfuron Methyl	100784-20-1				
9	Imazamox	114311-32-9				
10	Imazapic	104098-48-8				
11	Nicosulfuron	111991-09-4				
12	Pinoxaden	243973-20-8				
13	Topramezone	210631-68-8				
14	Tribenuron Methyl	101200-48-0				
15	Glufosinate Ammonium	77182-82-2				
16	Pendimethalin	40487-42-1				
	Note: "For group 4 total plant capacity i.e. 900 MT/A, we confirm that we will not exceed the same. For the purpose of byproducts, we have assumed a typical scenario of production of maximum 150 MT/A of product no. 12: Pinoxaden, maximum 150 MT/A of product no. 13: Topramezone, and maximum 100 MT/A of remaining 14 products. You may note that this may individually would add up to 1700 T/A. Thus building safety, byproducts, raw material requirement, hazardous waste which actually could be much lower as a cumulative production with maximum 900 MT/A"					

Sr. No.	Name of the Products	CAS No.	Existing Qty. (TPA)	Additional Proposed Qty. (TPA)	Total Qty. (TPA)	Uses
	Group 5: Intermediate					
1	1,2,4 Triazoles	288-88-0	00.00	600.00	600.00	Intermediate of Tebuconazole
2	2-Chloro-5-Chlori (CCMP)	70258-18-3				Intermediate of Imidacloprid
3	2-Chloro-5-Chloro (CCMT)	105827-91-6				Intermediate of Thiamethoxam
4	2,3-Difluoro-5-Chloropyridine (CDFP)	89402-43-7				Intermediate of Clodianfop Prop.
5	Cypermethric Acid Chloride (CMAC)	52314-67-7				Intermediate for Insecticide Actives
6	Meta Phenoxy Benzal (MPBD)	39515-51-0				Intermediate for Insecticide Actives
7	2-Nitroimidazole (NIIO)	527-73-1				Intermediate of Imidacloprid
8	2-(4-ydrpxyphenoxy)(RHPPA)	94050-90-5				Intermediate of Clodianfop Prop
9	Para Chloro Phenol	106-48-9				Intermediate
	Note: “For group 5 total plant capacity i.e. 600 MT/A, we confirm that we will not exceed the same. For the purpose of byproducts, we have assumed a typical scenario of production of maximum 200 MT/A of 09 products. You may note that this may individually would add up to 1800 T/A. Thus building safety, byproducts, raw material requirement, hazardous waste which actually could be much lower as a cumulative production with maximum 600 MT/A”					
1	Acetic acid (100% basis) (Generated from manufacturing of Pymetrozine)	64-19-7	00.00	30.80	30.80	Various uses to chemical industrie, chemicals laboratories etc.
Total			681.00	3530.80	4211.80	

4. The PP reported that Ministry had issued EC earlier vide F. No. J-11011/241/2017-IA II (I) dated 23.09.2020 to the existing project for pesticides manufacturing in favour of M/s Shogun Organics Limited. In certified compliance report IRO report dated 15.09.2021 had listed 4 conditions of EC as partially complied. PP have complied all the EC conditions including 4 listed partially complied conditions and same was communicated to IRO, Nagpur dated 25.09.2021 and also to MoEF&CC Delhi dated 13.12.2021. The EAC deliberated the action plan and found in order.

5. The project/activities are covered under category 'A' of item 5(b) of Schedule of Environment Impact Assessment (EIA) Notification and requires appraisal at Central Level by Expert Appraisal Committee (EAC) in the Ministry. Standard ToR for the proposed expansion was issued on 28.10.2021. As the project is located within the notified industrial

area of MIDC Kurkumbh and as per OM dated 27<sup>th</sup> April 2018 of MoEF&CC, the project is exempted from public hearing.

6. The PP reported that existing land area is 106384 m<sup>2</sup>, additional land will not be required for proposed expansion. Industry has already developed greenbelt in an area of 33.01 % i.e., 35124.76 m<sup>2</sup> out of total area of the project. The estimated project cost is Rs. 210 Cr. including existing investment of Rs. 15.58 Cr. Total capital cost earmarked towards environmental pollution control measures is Rs. 974.10 Lacs. (including CER cost of 146.0 Lacs.) and the total recurring cost (operation and maintenance) will be about Rs. 1737.95 Lacs. per annum. Total Employment will be 400 persons during operational phase and 100 persons during construction phase. Industry proposes to allocate Rs 1.46 Cr @ 0.75 % of the expansion cost i.e. 194.42 Cr. towards CER.

7. The PP reported that there are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. Bhima River is flowing at a distance of 9.5 Km in North direction. Water bodies like Patas Lake is located at distance of 4.8 Km in NW direction.

8. The PP reported that the ambient air quality monitoring was carried out at 8 locations during December 2020 to February 2021 and the baseline data indicates the ranges of concentrations as: PM<sub>10</sub> (32.2-60.2 µg/m<sup>3</sup>), PM<sub>2.5</sub> (14.2-32.1 µg/m<sup>3</sup>), SO<sub>2</sub> (12.4-32.5 µg/m<sup>3</sup>) and NO<sub>x</sub> (17.9-47.1 µg/m<sup>3</sup>). AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed expansion project would be 1.25 µg/m<sup>3</sup>, 0.83 µg/m<sup>3</sup>, 3.79 µg/m<sup>3</sup> and 0.13 µg/m<sup>3</sup> with respect to PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub>. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

9. The PP reported that the total water requirement is 994.43 m<sup>3</sup>/day of which fresh water requirement will be 674.35 m<sup>3</sup>/day and will be met from MIDC Kurkumbh. Effluent of 259.28 CMD quantity will be treated through existing single effect evaporator, new MEE, conventional ETP comprising of primary, secondary, tertiary followed by RO. The plant will be based on Zero Liquid Discharge (ZLD) system. High TDS/COD stream will be evaporated in MEE. Condensate of MEE will be treated along with low TDS streams in conventional ETP comprising of primary, secondary, tertiary followed by RO. RO permeate will be recycled in utilities while RO reject will be fed to MEE. Unit is complete Zero Liquid Discharge (ZLD) and after proposed expansion also it will remain as ZLD only. Domestic wastewater will be treated in proposed STP of 30 CMD. Treated wastewater will be reused for Gardening during non-monsoon season and in utilities during monsoon season.

10. The PP reported that total power requirement after expansion will be 4070 KW (Connected load) including existing 270 KW & 2600 KW (Operating load) including existing 200 KW and will be met from Maharashtra State Electricity Distribution Company Limited (MSEDCL). Existing unit has DG Set of 320 KVA (1 no.) capacity, additionally of 1500 KVA (1 no.) DG sets are used as standby during power failure. Stack (30m.) will be provided as per CPCB norms to the proposed DG sets.

11. The PP reported that Existing unit has 1.25 TPH (1 no.) fired boiler & 2 Lac kcal/hr. (1 no.) Thermopac. Additionally, 7 TPH (1 no.) & 3 TPH (1 no.) briquette fired boilers & 1 Lac kcal/hr. (1 no.) Thermopac will be installed. Multi cyclone followed by bag filter & stack of height of 30 m will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm<sup>3</sup> for the proposed boilers.

## 12. Details of Process emissions generation and its management:

Parameters	Existing Process Emissions (2 Numbers)
Pollutant	HCl & SO <sub>2</sub>
Scrubbing media / Adsorber	Caustic solution
Packing type	Pall Ring 2"Dia
APC equipment's	Scrubber & Stack
Temp	30°C
Diameter	0.5 m
MOC	PP/FRP
Shape	Cylindrical
Height	7 m
Duty	Continuous

Description	Proposed Process Emissions			
Pollutant	Ammonia	HBr	SO <sub>2</sub>	HCl
Scrubbing media	Water	Potassium hydroxide (KOH) solution / Caustic solution / Water	Caustic solution	Water
Packing type	Pall Ring 2"Dia	Pall Ring 2"Dia	Pall Ring 2"Dia	Pall Ring 2"Dia
APC equipment's	Scrubber & Stack	Scrubber & Stack	Scrubber & Stack	Scrubber & Stack
Temp	30°C	30°C	30°C	30°C
Diameter	0.5 m	0.5 m	0.5 m	0.5 m
MOC	PP/FRP	PP/FRP	PP/FRP	PP/FRP
Shape	Cylindrical	Cylindrical	Cylindrical	Cylindrical
Height	15 m	15 m	15 m	15 m
Duty	Continuous	Continuous	Continuous	Continuous

#### Emissions from utility

	Boiler			Thermopack		D.G Stack	
	Additional Proposed	Additional Proposed	Existing	Existing	Additional Proposed	Existing	Additional Proposed
	7 TPH	3 TPH	1.25 TPH	2 Lac kcal/hr.	1 Lac kcal/hr.	320 KVA	1500 KVA
Fuel type	Briquette		LDO/ Biodiesel	LDO	LDO/ Biodiesel	HSD	HSD



Fuel quantity	33.00 TPD	15.00 TPD	1.55 TPD*	0.45 TPD*	LDO: 0.225 TPD / Biodiesel: 00.25 TPD	12.5 lit/hr.	400.00 lit/hr.
Diameter (m)	0.6	0.6	0.8		0.6	0.08	0.2
Stack Height m (above ground level)	30 m	30 m	20 m combined		30 m	3 m above enclosure	30 m
Type of Pollutant	Particulate Matter	Particulate Matter	SO <sub>2</sub>	SO <sub>2</sub>	SO <sub>2</sub>	SO <sub>2</sub>	SO <sub>2</sub>
Control Equipment	Multicyclone followed by bag filter & Stack	Multicyclone followed by bag filter & Stack	Stack	Stack	Stack	Stack	Stack
*LDO quantities mentioned in above table has been considered on the basis of requirement of fuel after expansion project. Earlier consented total quantity of LDO was 611 lit/day for existing boiler & thermopack.							

13. **Details of Solid waste/ Hazardous waste generation and management:**

Sr. No.	Category No. as per HW rule, 2016	Type of Waste	Unit	Existing	Additional proposed	Total	Disposal
1.	35.3	ETP Sludge	TPA	210.00	390.00	600.00	CHWTSDF
2.	35.3	Spent Carbon from ETP	TPA	00.00	185.00	185.00	CHWTSDF
3.	35.3	MEE Salts	TPA	00.00	9400.00	9400.00	CHWTSDF
4.	20.2	Mixed solvents from stripper	TPA	00.00	1030.00	1030.00	Sale to authorized party /CHWTSDF
5.	33.1	Empty barrels / containers / liners contaminated with hazardous chemicals / waste	Nos./A	480.00	1520.00	2000.00	Sale to authorized party /CHWTSDF



Sr. No.	Category No. as per HW rule, 2016	Type of Waste	Unit	Existing	Additional proposed	Total	Disposal
6.	29.6	Spent acid* (S-Cypermethric acid)	TPA	84.00	59.00	143.00	In house consumption / Sale to authorized party / CHWTSDF
7.	29.6	Spent acid* (Hydrochloric acid)	TPA	22.80	812.20	835.00	In house consumption / Sale to authorized party / CHWTSDF
8.	29.1	Process waste or residues* (Sodium sulfite)	TPA	58.8	1216.20	1275.00	In house consumption / Sale to authorized party / CHWTSDF
9.	29.1	Process waste or residues* (Potassium Sulphate)	TPA	00.00	52.30	52.30	In house consumption / Sale to authorized party / CHWTSDF
10.	29.1	Process waste or residues* (Potassium bromide)	TPA	00.00	37.80	37.80	In house consumption / Sale to authorized party / CHWTSDF
11.	29.4	Spent solvents (Phenol)	TPA	00.00	53.50	53.50	In house consumption / Sale to authorized party / CHWTSDF
12.	29.1	Process waste or residues* (Hydrogen Bromide)	TPA	00.00	415.60	415.60	In house consumption / Sale to authorized party / CHWTSDF
13.	29.1	Process waste or residues* (Sodium bromide)	TPA	00.00	43.30	43.30	In house consumption / Sale to authorized party / CHWTSDF
14.	29.1	Process waste or residues* (Methyl hydrogen)	TPA	00.00	38.00	38.00	In house consumption / Sale to authorized party / CHWTSDF
15.	29.1	Process waste or residues* (Copper Chloride)	TPA	00.00	15.00	15.00	In house consumption / Sale to authorized party / CHWTSDF

Sr. No.	Category No. as per HW rule, 2016	Type of Waste	Unit	Existing	Additional proposed	Total	Disposal
16.	29.1	Process waste or residues* (Ammonia solution)	TPA	00.00	291.10	291.10	In house consumption / Sale to authorized party / CHWTSDF
17.	29.1	Process waste or residues* (Pottasium salt)	TPA	00.00	343.50	343.50	In house consumption / Sale to authorized party / CHWTSDF
18.	29.4	Spent solvents (Ethanol)	TPA	00.00	12.50	12.50	In house consumption / Sale to authorized party / CHWTSDF
19.	29.4	Spent solvents (Methanol)	TPA	00.00	27.00	27.00	In house consumption / Sale to authorized party / CHWTSDF
20.	29.1	Process waste or residues* (Potassium bicarbonate)	TPA	00.00	44.10	44.10	In house consumption / Sale to authorized party / CHWTSDF
21.	20.3	Distillation residue	TPA	00.00	256.00	256.00	CHWTSDF/Sale to authorized party
22.	29.4	Mix / Spent solvents from process	TPA	00.00	271.00	271.00	CHWTSDF/Sale to authorized party
23.	29.2	Sludge containing residue pesticides	TPA	15.00	35.00	50.00	Sale to authorized party /CHWTSDF

Note: \* Sale to authorized party having permission under rule 9 of H&W rule.

#### Non-Hazardous Waste Generation and management

S. No.	Description	Unit	Existing	Additional proposed	Total	Disposal
1.	STP Sludge	TPA	00.00	05.00	05.00	Used as manure for Gardening
2.	Scrap & Paper	TPA	15.00	35.00	50.00	Sale to authorized party
3.	Ash from Briquette	TPA	00.00	1750.00	1750.00	Sale to brick manufacturer

14. Details of solid waste/hazardous waste disposal and process emissions generation and its management are as per the plan provided in the EIA & EMP report and as deliberated in the EAC. The project documents are available on PARIVESH portal which can be accessed at <http://parivesh.nic.in>.

15. The PP reported that they had already provided 33% green cover within the factory premises as per regulations. A total number of 8785 nos. of trees are planted and as per calculation approximate 481.36 Kg of CO<sub>2</sub> per day will be sequestered. The PP also reported the mitigation measures to reduce electricity consumption by use of Variable Frequency Drives (VFD) & IE-3 Motors and reduction in CO<sub>2</sub> emission will be obtained by using Solar power, 260 KWp electricity will be generated.

16. The proposal was considered in the 30<sup>th</sup> Expert Appraisal Committee (Industry-3 sector) meeting held on 26-27, April 2022 in the Ministry through video conferencing, wherein Project Proponent and their accredited Consultant, M/s. Goldfinch Engineering Systems Private Limited with Accreditation Number NABET/EIA/1922/RA0145 valid till 8.12.2022., presented the EIA/EMP report. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <http://parivesh.nic.in>.

The EAC, constituted under the provision of the EIA Notification, 2006 comprising Expert Members/domain experts in various fields, examined the proposal submitted by the Project Proponent in desired format along with EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP reports. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

The Committee noted that the EIA/EMP reports are in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components. The Committee deliberated on the proposed mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee suggested that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices.

The Committee deliberated on the details of process emissions generation and its management also. The Committee also deliberated on Certified Compliance report and found that remediation plan and community resource augmentation plan is under process.

The Committee deliberated on the water balance data submitted by PP and found it satisfactory. The Committee deliberated on the action plan and budget allocation for green belt development and noted that as committed by the PP the green belt development shall be completed within one year. The Committee suggested that the greenbelt development shall be taken up actively by the PP and trees shall be planted considered 2m x 2m ratio, accordingly, no. of trees should be increased. The Committee deliberated on Action plan for reduction of environmental toxicology, Life cycle analysis study of Pesticide products, details of carbon foot prints and carbon sequestration study w.r.t. proposed project and found satisfactory.

The Committee noted as committed by PP, that there will be no incremental pollution load from wastewater generation as generated wastewater will not be discharged in the environment and will be treated in MEE, ETP & RO and treated wastewater will be reused (ZLD).

The Committee deliberated the Onsite and Offsite Emergency plan and various mitigation measures to be proposed during implementation of the project and advised the PP to implement the provisions of the Rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.

The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for grant of environmental clearance.

17. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain 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, from the State Pollution Control Board, prior to construction & operation of the project.

18. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-3 Sector), Ministry of Environment, Forest and Climate change hereby accords **Environmental Clearance for "Proposed expansion for manufacturing of pesticides and specific pesticide intermediates with production capacity of 4211.80 TPA located at Plot No.: D-18, MIDC Kurkumbh, Dist. Pune, Maharashtra by M/s Shogun Organics Limited.,"** under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as under: -

**A. Specific Conditions:**

- (i). The Unit 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, and risk mitigation measures relating to the project shall be implemented.
- (ii). All the specific and general conditions, remediation plan and mitigation measures, as stipulated in the earlier EC letter dated 23.09.2020, shall be complied.
- (iii). No banned pesticide shall be manufactured by the project proponent. No banned raw materials shall be used in the unit. The project proponent shall adhere to the notifications/guidelines of the Government in this regard.
- (iv). The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.

- (v). The specie specific conservation plan of Schedule-I species shall be implemented within time limit and as per the approval of the Chief Wildlife Warden of the State Government.
- (vi). The project proponent shall comply with the environment norms for 'Pesticide Industry' as notified by the Ministry of Environment, Forest and Climate Change, vide GSR 446 (E), dated 13<sup>th</sup> June 2011 under the provisions of the Environment (Protection) Rules, 1986.
- (vii). All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The Project proponent shall implement the onsite/offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.
- (viii). The volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.97 % with effective chillers/modern technology. Regular monitoring of VOCs shall be carried out.
- (ix). The project proponent shall explore possibilities for recycling and reusing of treated water in the unit to reduce the fresh water demand and waste disposal. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture.
- (x). 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.
- (xi). The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.
- (xii). The occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
- (xiii). Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees. Action plan for mitigation measures shall be properly implemented based on the safety and risk assessment studies.
- (xiv). 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.
- (xv). The solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.



- (xvi). Total fresh water requirement, sourced from GIDC water Supply, shall not exceed 674.35 KLD. Prior permission in this regard shall be obtained from the concerned regulatory authority/CGWA and renewed from time to time.
- (xvii). The storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.
- (xviii). The PP shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.
- (xix). The green belt of at least 5-10 m width shall be developed in at least 33% of the total project area (@2500 Trees per ha), mainly along the plant periphery/ additional land. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. The Trees have to be planted with spacing of 2m x 2m ratio and as in first year itself and subsequent years the green belt shall be monitored. Further, as committed by PP, additionally 1000 nos. of trees will be developing inside and 1000 nos. of trees will be developing outside premises. The plant species can be selected that will give better carbon sequestration.
- (xx). The activities and the action plan proposed by the project proponent to address the socio-economic issues in the study area shall be completed as per the schedule presented before the Committee and as described in the EIA/ EMP report in letter and spirit.
- (xxi). A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

**B. General Conditions:** The grant of environmental clearance is further subject to compliance of other general conditions as under: -

- (i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. 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/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The Project proponent shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.
- (iii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.

- (iv) 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 the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (v) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (vi) 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.
- (vii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (viii) The project proponent shall also upload/submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of MoEF&CC, 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.
- (ix) 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 and shall also be sent to the respective Integrated Regional Office of MoEF&CC by e-mail.
- (x) 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 and at <https://parivesh.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.
- (xi) 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.
- (xii) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

19. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a



time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

20. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

21. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

22. The above conditions shall be enforced, *inter-alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

This issues with approval of the competent authority.

  
*Ramesh*  
(Dr. Motipalli Ramesh)  
Scientist 'E'  
Tel. 011-20819249  
Email: ramesh.motipalli@nic.in

**Copy to: -**

1. The Deputy DGF (C), MoEF&CC Regional Office(WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Line, Nagpur - 1
2. The Secretary, Environment Department, Government of Maharashtra, 15<sup>th</sup> Floor, New Administrative Building, Mantralaya, Mumbai - 32
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th Floor, Opp. Cine Planet, Sion Circle, Mumbai – 22
5. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
6. The District Collector, District Pune, Maharashtra
7. Guard File/Monitoring File/Website/Record File/Parivesh portal

*Ramesh*  
(Dr. Motipalli Ramesh)  
Scientist 'E'  
Tel. 011-20819249  
Email: ramesh.motipalli@nic.in

**compliance to the environmental clearance conditions given in the F.No. J-11011/241/2017-  
IA II(I) dated 1<sup>ST</sup> June ,2022**

**It is important to note that the conditions mentioned in the F.No. J-11011/241/2017-IA II(I) dated 1<sup>st</sup> June 2022, which are identical to those mentioned in the environmental clearance conditions F.No. J-11011/241/2017-IA II (I) dated 23<sup>rd</sup> September,2020, have been excluded from this report.**

Sr. No	EC Specific condition	Compliance
i	The Unit 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, and risk mitigation measures relating to the project shall be implemented.	A separate environmental management cell has been established along with responsibilities and the organogram for the same is enclosed as <b>Annexure-I</b>
ii	All the specific and general conditions, remediation plan and mitigation measures, as stipulated in the earlier EC letter dated 23.09.2020, shall be complied.	All the specific conditions and general conditions, remediation plan and mitigation measures, as stipulated in the earlier EC letter dated 23.09.2020 has complied. ALL the mentioned conditions are enclosed as an <b>Annexure –III</b> . The remediation plan has been completed. The details of remediation plan had been submitted in last six monthly compliances for the period April 2023 to September 2023 which was submitted in December 2023. The activities completed under remediation plan was submitted in EC Compliance Report for the period October 2022 to March 2023 Which was submitted in June 2023. The remaining activities which has been complied were also submitted in December 2023.
iii	No banned pesticide shall be manufactured by the project proponent. No banned raw materials shall be used in the unit. The project proponent shall adhere to the notifications/guidelines of the Government in this regard.	We are not practicing any ban chemicals/pesticide as per Ministry of Agriculture and Farmers Welfare. We assure that in future also will not use & produce the ban chemicals/pesticide. The undertaking is enclosed as an <b>Annexure- II</b>
iv	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	We are in process to utilize modern technologies for capturing of carbon emitted. We are planting more trees, using VFD & installation of solar panels will help to reduce the carbon footprints.
v	The specie specific conservation plan of Schedule-I species shall be implemented within time limit and as per the approval of the Chief	Not applicable as no schedule -1 species were reported in the study area.

Sr. No	EC Specific condition	Compliance
	Wildlife Warden of the State Government.	
vi	The project proponent shall comply with the environment norms for 'Pesticide Industry' as notified by the Ministry of Environment, Forest and Climate Change, vide GSR 446 (E), dated 13th June 2011 under the provisions of the Environment (Protection) Rules, 1986.	Noted & complied
vii	All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The Project proponent shall implement the onsite/offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.	<p>Separate SOP is available of Accident/ Incident control.</p> <p>Onsite emergency plan is available. All safety installation at place available. Equipment testing done as per factory act. Mock drills conducted frequently. The frequency of mock drill is on quarterly basis.</p> <p>Safety Training given to all concerns to enhance safety at workplace. Adequate firefighting system has been provided. Conduct safety audits as per requirement. Following Factory act rules &amp; regulations.</p> <p>Also adequate provisions have been undertaken to limit the risk zone within the plant boundary for countering fire hazards during the manufacturing process in material handling such as fire hydrant, fire hose, foam mobile unit etc. A total of 54 nos of fire extinguishers have been kept in the factory to counter the fire hazard among other measures. The details of SOP for Accident/ Incident control, Equipment testing, safety audit, Onsite emergency plan, Mock drill report, safety training, Fire extinguisher &amp; fire hydrant details etc. Were submitted in previous EC compliance report for the period October 2022 to march 2023 which was submitted in June 2023. The <b>latest mock drill conducted was in December 2023</b>. The same is enclosed as an <b>Annexure-IV</b>.</p>
viii	The volatile organic compounds (VOCs) /Fugitive emissions shall be controlled at 99.97 % with effective chillers/modern technology. Regular monitoring of VOCs shall be carried out.	<p>To control source and the fugitive emissions Stack &amp; scrubber has been installed at the project site.</p> <p>Fugitive emissions monitoring has been carried out.</p> <p>The results of emission near process plant are given below:</p> <p>Benzene (ppm)- &lt;0.02 Toluene (ppm) – 0.34 Xylene (ppm) – 0.003</p> <p>The detailed analysis reports of the stack fugitive emissions are enclosed as <b>Annexure-V</b></p>
ix	The project proponent shall explore possibilities for recycling and reusing of treated water in the	The unit is a Zero Liquid Discharge (ZLD). Trade effluent is being segregated & categorized into two

Sr. No	EC Specific condition	Compliance
	unit to reduce the fresh water demand and waste disposal. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/ greenbelt development/ horticulture.	streams. 1)High COD/TDS stream will be treated in existing single effect evaporator and new MEE. 2)Low COD/TDS stream along with MEE condensate will be treated in conventional ETP & RO system.
x	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.	We had installed 24 x 7 continuous emission monitoring system which is connected to SPCB and CPCB online servers. The Photograph of same is enclosed as an <b>Annexure-VI</b>
xi	The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. <b>Quantity and days of storage</b> shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.	The storage of toxic/hazardous raw material will be bare minimum with respect to quantity and inventory. It will also submitted to Regional Office of Ministry and SPCB along with the compliance report.
xii	The occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	Various measures have been undertaken for the occupational health surveillance of the workers such as establishment of the occupational health center, provision of first aid box available at various locations, check-up room, provided at various locations the medical checkup frequency is half yearly. The photographs of medical check-up of four employees/workers are recorded as Form 7 which is enclosed as an <b>Annexure-VII</b> . various PPEs such as safety goggles, splash protection goggles, face shield, airline respirator among others are provided to the personnel working in the premises of the factory. The PPE kit photographs are enclosed as Annexure in previous EC Compliance report which was submitted in June 2023.
xiii	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees. Action plan for mitigation measures shall be properly implemented based on the safety and risk assessment studies.	Separate SOP is available of Accident/ Incident control. Onsite emergency plan is available. All safety installation at place available. Equipment testing done as per factory act. Mock drills conducted frequently. Safety Training given to all concerns to enhance safety at workplace. Adequate firefighting system has been provided. Conduct safety audits as per requirement. Following Factory act rules & regulations. Also adequate provisions have been undertaken to

Sr. No	EC Specific condition	Compliance
		limit the risk zone within the plant boundary for countering fire hazards during the manufacturing process in material handling such as fire hydrant, fire hose, foam mobile unit etc. A total of 54 nos of fire extinguishers have been kept in the factory to counter the fire hazard among other measures. The details of SOP for Accident/ Incident control, Equipment testing, safety audit, Onsite emergency plan, Mock drill report, safety training, Fire extinguisher & fire hydrant details etc. Were submitted in previous EC compliance report for the period October 2022 to march 2023 which was submitted in June 2023. The frequency of mock drill is half yearly. <b>The latest mock drill conducted was in December 2023.</b> The same is enclosed as an <b>Annexure-IV</b> .
xiv	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.	Adequate provisions have been undertaken to limit the risk zone within the plant boundary for countering fire hazards during the manufacturing process in material handling such as fire hydrant, fire hose, foam mobile unit etc. A total of 54 nos of fire extinguishers have been kept in the factory to counter the fire hazard among other measures. The details of SOP for Accident/ Incident control, Equipment testing, safety audit, Onsite emergency plan, Mock drill report, safety training, Fire extinguisher & fire hydrant details are enclosed as <b>Annexure</b> in previous EC compliance report for the period October 2022 to March 2023 which was submitted in June 2023.
xv	Solvent management shall be carried out as follows	
	(a) Reactor shall be connected to chilled brine condenser system.	Yes, the Reactors are connected to chilled brine condenser system. Photographs of the same is enclosed as an <b>Annexure</b> in previous EC compliance report for the period October 2022 to March 2023 which was submitted in June 2023.
	(b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.	Yes, Reactor and solvent handling pump have mechanical seals to prevent leakages. Photographs of the same is enclosed as an <b>Annexure</b> in previous EC compliance report for the period October 2022 to March 2023 which was submitted in June 2023.
	(C) Solvents shall be stored in a separate space specified with all safety measures.	Solvents are stored in a separate space specified with all safety measures. Safety measures with storage photographs are enclosed as an <b>Annexure</b> in

Sr. No	EC Specific condition	Compliance
		previous EC compliance report for the period October 2022 to March 2023 which was submitted in June 2023.
	(d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.	Proper earthing has been provided in all the electrical equipment wherever solvent handling is done. Photographs of the same is enclosed as an <b>Annexure</b> in previous EC compliance report for the period October 2022 to March 2023 which was submitted in June 2023.
	(e) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.	The Entire plant is flame proof. The solvent storage tank has been provided with breather valve to prevent losses. Photographs of the same was enclosed as an <b>Annexure</b> in previous EC compliance report for the period October 2022 to March 2023 which was submitted in June 2023.
	(f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation	We do not have solvent storage tanks. The provision for storage of all solvents are in drums only.
xvi	Total fresh water requirement, sourced from MIDC water Supply, shall not exceed 674.35 KLD. Prior permission in this regard shall be obtained from the concerned regulatory authority/CGWA and renewed from time to time.	The total fresh water requirement will not exceed the proposed quantity. <b>Water bill from October 2023 to March 2024</b> is enclosed as an <b>Annexure-VIII</b> .
xvii	The storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.	The rain water harvesting Practiced at project site. The roof top rain water harvesting is provided. There is no mixing of the process effluent with storm water. Separate drains and conveyance systems have been provided. Photograph of Rain water harvesting facility & photograph of separate drainage were submitted in six monthly EC compliance report for the period October 2022 to March 2023 which was submitted in June 2023.
xviii	The PP shall undertake waste minimization measures as below	
	(a) Metering and control of quantities of active ingredients to minimize waste.	The Metering and control of quantities of active ingredients to minimize waste and Reuse of by-products from the process as raw materials or as raw material substitutes in other processes is being implemented
	(b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	
	(c) Use of automated filling to minimize spillage.	Seal proof pumps have been provided to transfer liquid raw materials.
	(d) Use of Close Feed system into batch	The close feed system is being implemented in batch

Sr. No	EC Specific condition	Compliance
	reactors.	reactors
	(e) Venting equipment through vapour recovery system	Vapour recovery system has been provided for the venting equipment.
	(f) Use of high pressure hoses for equipment cleaning to reduce wastewater generation	The high pressure hoses for the equipment cleaning are being used to reduce waste water generation.
xix	The green belt of at least 5-10 m width shall be developed in at least 33% of the total project area (@2500 Tress per ha), mainly along the plant periphery/ additional land. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. The Trees have to be planted with spacing of 2m x 2m ratio and as in first year itself and subsequent years the green belt shall be monitored. Further, as committed by PP, additionally 1000 nos. of trees will be developing inside and 1000 nos. of trees will be developing outside premises. The plant species can be selected that will give better carbon sequestration.	We have already developed green belt of 17164.5 Sq.m. with 3100 No of trees inside the plot premises. Recently we have planted 2082 trees on 7000 sq.m. area. we have developed Total 24164.5 sq.m. area (22.71 % of total plot area) out of 35124.35 Sq.m. (33% of total plot area) area as a green belt area. Remaining green belt area 10960.0 has been developed in last monsoon season June to September 2023. Total 5182 plants are already planted. Photographs of the green belt along with planted trees has been attached as an Annexure in the six monthly report for the period April 2023 to September 2023 which was submitted in December 2023. Additionally, we have been planted 1000 nos. of trees inside and 1000 nos. of trees have been developed outside premises. The plant species have been selected will give better carbon sequestration. We have developed 33% of Green Belt.
XX	The activities and the action plan proposed by the project proponent to address the socio-economic issues in the study area shall be completed as per the schedule presented before the Committee and as described in the EIA/ EMP report in letter and spirit.	CER activity expenses has been completed. The details regarding CER activity for the year 2023 were enclosed as Annexure <b>in the previous six monthly EC compliance report for the period April 2023 to September 2023 which has been submitted in December 2023.</b>
	A separate Environmental Management Cell (having qualified person with Environmental Science/ Environmental Engineering/ specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	A separate environmental management cell has been established along with responsibilities and the organogram for the same is enclosed as <b>Annexure-I</b>
The grant of environmental clearance is subject to compliance of other general conditions, as under:-		
i	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of	<b>Noted and agreed.</b>



Sr. No	EC Specific condition	Compliance
	deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
ii	The Project proponent shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.	<b>We are strictly complying with the</b> rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All the transportation of the Hazardous Chemicals is as per the Motor Vehicle Act (MVA), 1989
iii	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	Plant lighting & street lights are provided with LED bulbs. Solar Pannels are also provided .
iv	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 the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	The noise was monitored near main gate, Near DG set & Near Boiler the noise level is 58.9 dB (A) (near Main gate), 57.6 dB (A) (near D.G. Set) to is 66.2 dB (A) (near boiler) during the daytime and 56.3 dB (A) (near Main gate), 52.9 dB (A) (near D.G. Set) to 62.4 dB (A) (near Boiler) during the night time. The noise levels were found to be within the limits prescribed by CPCB. The noise monitoring reports are enclosed as <b>Annexure- V</b> .
v	The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	ESC activities has been undertaken by involving local villages and administration which will improve the socio-economic conditions of the surrounding area. The ESC activity (CER activities) has been completed. The details regarding CER activity for the year 2023 were enclosed as Annexure <b>in the previous six monthly EC compliance report for the period April 2023 to September 2023 which has been submitted in December 2023.</b>
vi	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 separate funds have been located for the environmental protection measures along with item – wise breakup. The year wise and the item-wise expenditure on the environmental management plans have been already submitted in previous EC compliance report for the period October 2022 to March 2023 which was

Sr. No	EC Specific condition	Compliance
	The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	submitted in June 2023. The EMP break up for <b>October 2023 to March 2024</b> is enclosed as an <b>Annexure- IX</b> .
vii	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	No representations were received from the concerned Municipal Corporation and the local NGO while processing the proposal.
viii	The project proponent shall also upload/submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of MoEF&CC, 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.	This is the 7 <sup>th</sup> six monthly compliance report being submitted for the period from October 2023 to March 2024 After the submission to the R.O Office of MoEF the same will be uploaded on the website of Shogun. The transmittal emails of the of submission of the earlier EC compliance to the R.O MoEF & CC, R.O. MPCB, SRO MPCB and the Regional Directorate CPCB are enclosed as <b>Annexure-X</b> .  Link:- <a href="http://www.shogunorganics.com">www.shogunorganics.com</a>  The clearance letter has been put on the website of the company & The web link for the EC letter is given below.  Link:- <a href="https://res.cloudinary.com/simplifiidevops/image/upload/v1701006142/shogundocuments/gf94s4mtyxwrfuqixl.pdf">https://res.cloudinary.com/simplifiidevops/image/upload/v1701006142/shogundocuments/gf94s4mtyxwrfuqixl.pdf</a>
ix	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 and shall also be sent to the respective Integrated Regional Office of MoEF&CC by e-mail.	The Form-V for the financial year ending 31 <sup>st</sup> March 2023 which was submitted online on 28/09/2023 is enclosed as <b>Annexure-XI</b> . The web link for the Form is given below Link:- <a href="https://res.cloudinary.com/simplifiidevops/image/upload/v1701006142/shogundocuments/gsvyyttzknav7ngsegd4.pdf">https://res.cloudinary.com/simplifiidevops/image/upload/v1701006142/shogundocuments/gsvyyttzknav7ngsegd4.pdf</a> It has been uploaded on company's website. The web link for the EC Compliance is given below Link:- <a href="https://shogunorganics.com/assets/pdf/Ack.%20-%20Compliance%20Report%20-%2001.12.2023.pdf">https://shogunorganics.com/assets/pdf/Ack.%20-%20Compliance%20Report%20-%2001.12.2023.pdf</a>
x	The project proponent shall inform the public that the project has been accorded	The advertisement related to the accordance of the environmental clearance was published in two

Sr. No	EC Specific condition	Compliance
	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 and at <a href="https://parivesh.nic.in/">https://parivesh.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 vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	newspapers viz., Marathi Loksatta on 07/06/2022 and in The Indian Express on 07/06/2022 The aforesaid advertisements submitted in previous six monthly EC compliance report for the period October 2022 to March 2023 which was submitted in June 2023.
xi	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.	<b>Noted and agreed.</b>
xii	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	<b>Noted and agreed.</b>
19	The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.	<b>Noted and agreed.</b>
20	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	<b>Noted and agreed.</b>
21	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	<b>Noted and agreed.</b>
22	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes	<b>Noted and agreed.</b>  The Public Liability Insurance is enclosed as an

Sr. No	EC Specific condition	Compliance
	(Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	<b>Annexure-XII.</b> <b>( it is expiring in march 2024)</b>

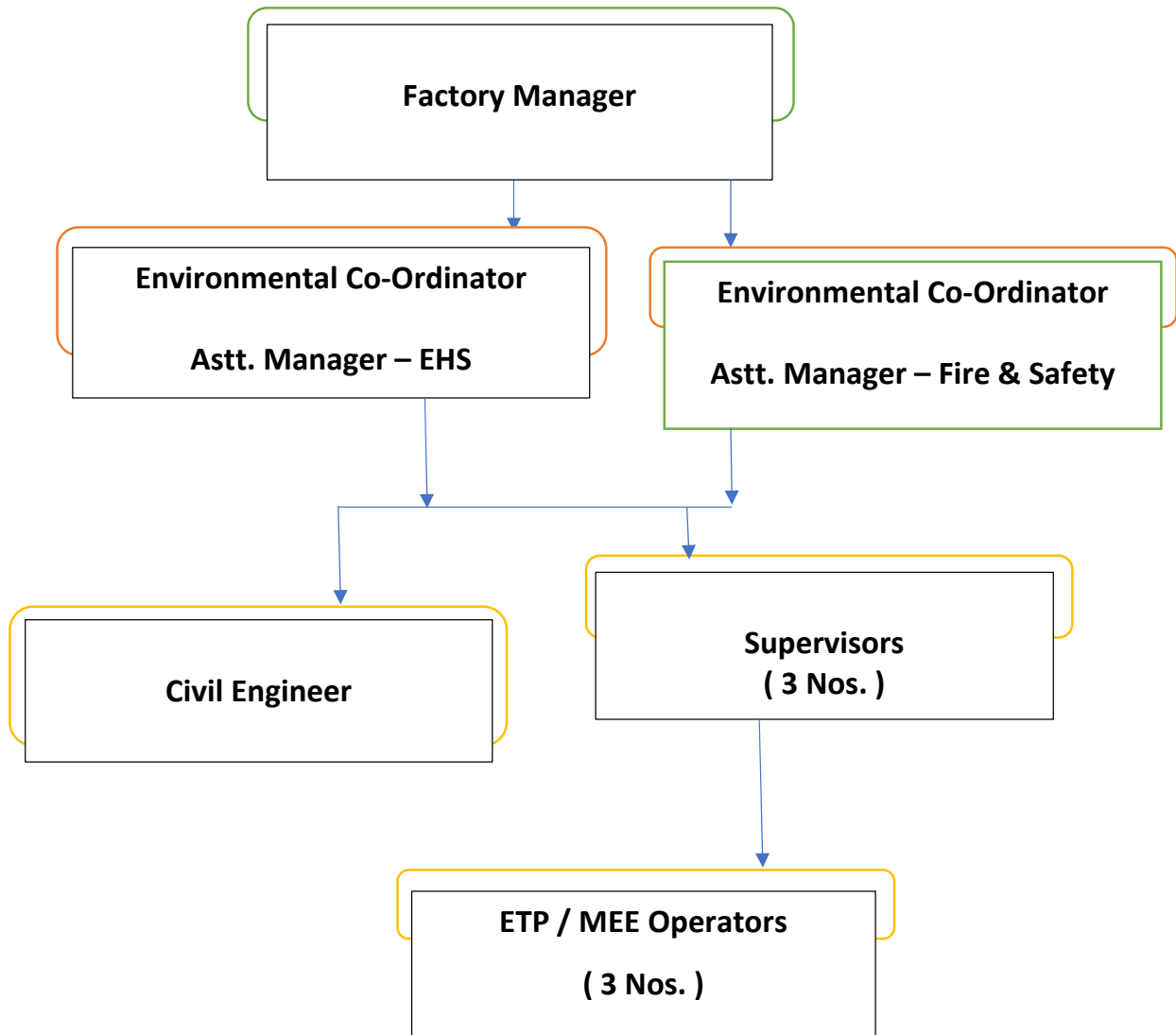
<b>Annexure No.</b>	<b>Annexure Title : Shogun Organics Ltd.</b>
1.	Organogram Environment Management Cell
2.	Under Taking for not Manufacturing Banned Products
3.	Compliance Previous EC Conditions
4.	Mock drill report June 2023
5.	Environment Monitoring Reports
6.	Online Continuous Monitoring System
7.	Form VII Health Register
8.	MIDC Water Bills
9.	EMP Cost break up
10.	Previous EC Compliance Report
11.	Form V (Environmental Statement)
12.	Public Liability Insurance

**1.**

**Organogram**

**Environment Management Cell**

## Organogram of Environmental Cell





**2.**

**Under Taking for not  
Manufacturing Banned Products**

## UNDERTAKING

We, M/s Shogun Organics Ltd. having address at Plot No. D-18, MIDC Kurkumbh, Taluka Daund, Distt – Pune, Maharashtra would like to undertake that we will not manufacture or use the ban chemicals / Pesticides as per the Ministry of Agriculture and Farmers Welfare.

Thanking you,

**For M/s. Shogun Organics Ltd**



**Authorized Signatory**

**3.**

**Compliance Previous EC  
Conditions**

**Point-wise compliance to the environmental clearance conditions given in the F.No. J-11011/241/2017-IA II (I) dated 23<sup>rd</sup> September,2020**

Sr.No	EC condition	Compliance
i	The bank guarantee shall be released after successful implementation of the Remediation Plan and Natural and Community Resource Augmentation Plan and after recommendation by Regional Office of the Ministry, EAC and approval of the Regulatory Authority. In case of failure to complete the remediation plan within stipulated time line, the fresh bank guarantee shall be submitted.	Bank Guarantee for Rs. 77.05 Lakh has been submitted.  Remediation Plan, Natural Resource Augmentation Plans as stipulated in the EC letter dated 23.09.2020 has complied. The Remediation Plan is enclosed as an <b>Annexure II</b> . Natural Augmentation Plans are enclosed as an <b>Annexure –XVII</b> .
ii	Rs. 77,05,000/- towards Remediation plan and Natural and Community Resource Augmentation plan to be spend within a span of three years.	Bank Guarantee for Rs. 77.05 Lakh has been submitted.  The Remediation Plan & Natural Resource Augmentation Plan are enclosed as an <b>Annexure II &amp; XVII</b> The Remediation Plan Status for span of three years is enclosed as an Annexure- <b>XVIII</b> .
iii		
iv	Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. State Pollution Control Board (SPCB) shall not issue Consent to Operate (CTO) till the project proponent obtains such permission	Borewell/well or drawing of groundwater is not allowed as the plot is in notified industrial area Kurkumbh. Water for project related activities is supplied by MIDC Kurkumbh. Water bill from April 2023 to August 2023 is enclosed as an <b>Annexure-VIII</b> .
vii	National Emission Standards for Pesticides Manufacturing Industry issued by the Ministry vide G.S.R.446(E) dated 13th June, 2011, as amended from time to time, shall be followed.	Noted & complied
xii	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	Hazardous chemicals are stored in separate room & Flame arresters has provided on tank farm, and solvent transfer through pumps. Photographs of the same was enclosed as an <b>Annexure</b> in previous EC compliance report for the period October 2022 to March 2023 which was submitted in June 2023. The Flame arrestors have been provided on tank farm. The photographs of flame

		arrestors are enclosed as an <b>Annexure-XIX</b>
xv	Action plan submitted by the project proponent should be implemented in case of reactor failure or damage	In case of reactor failure or damage proper action plan will be implemented. SOP for the same has been enclosed as an <b>Annexure-XX</b> .
xvi	Attempt shall be made by proponent to minimize the water uses and maximize the water recycling	Unit is a Zero liquid discharge unit. After waste water treatment the treated water is reusing in utility. Also rain water harvesting is being implemented at site. Detailed diagram for ZLD & rain harvesting details were enclosed as an Annexures in previous EC compliance report for the period October 2022 to March 2023 which was submitted in June 2023.
The grant of environmental clearance is subject to compliance of other general conditions, as under:-		
i	The project authorities shall adhere to the stipulations made by the State Pollution Control Board, Central Pollution Control Board, State Government and any other statutory authority.	<b>Noted and agreed.</b>
ii	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.	<b>Noted and agreed</b>
xiii	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	No representations were received from the concerned Municipal Corporation and the local NGO while processing the proposal. The clearance letter has been put on the website of the company & attached as <b>Annexure – XIII</b> . <b>The web link for the EC letter is as below</b> <b>Link:-</b> <a href="http://www.shogunorganics.com/f4.html">http://www.shogunorganics.com/f4.html</a>

**4.**

**Mock drill report June 2024**

# SHOGUN ORGANICS LIMITED



Date: 29.12.2023

To,  
Joint Director  
Industrial Safety & Health,  
Maharashtra Labour Welfare Bhavan  
2<sup>nd</sup> Floor, Plot No. G.P 163, G Block,  
Sambhajinagar, MIDC (Thermax Chowk)  
Chinchwad, Pune-411019

Sub- Submission of Mock Drill Report

Respected Sir,

Mock Drill was conducted at our factory premises on dated-25.12.2023.  
Please find here with the copy of Mock drill report for your reference and record.

Please acknowledge receipt of the same  
Thanking You,

Your truly  
For **SHOGUN ORGANICS LTD.**

*m. k. sharma*  
Authorized Signatory.



Encl: 1.Mock Drill Report

*m. k. sharma*  
29/12/2023  
मुख्य संचालक औद्योगिक सुरक्षा व आरोग्य कार्यक्षेत्र,  
महाराष्ट्र कामगार कल्याण भवन, लिस्सा मजला,  
संबाजिनगर, (करमेश चौक), चिंचवड, पुणे ४११०१९

**Corporate Office :** 4<sup>th</sup> & 5<sup>th</sup> Floor, NDM-1, Netaji Subhash Place, Delhi –110034. Tel : 011- 66105100  
**Regd. Office :** A-106, Kotia Nirman, New Link Road, Andheri (West), Mumbai - 400 058  
Tel: +91 22 6677 6845 / 6846 Email : [info@shogunorganics.com](mailto:info@shogunorganics.com)  
**Factory\_:** Plot No. D-18, MIDC Kurkumbh, Taluka – Daund, Distt – Pune 413802  
CIN : U99999MH1993PLC073845

### MOCK DRILL REPORT (Half Yearly)

DATE- 25.12.2023

TIME- 16.10 to 16.30 hrs.

SCENARIO: - HCL Leakage from suction line (Tank farm area)

Type of Drill. - Table Top Exercise

Sr. No.	Response Time	Incidence	Action
1	16:10Hrs.	HCL Leakage from suction line (Tank farm area)	<b><u>FIRST OBSERVER :-</u></b> Mr.Suraj Phasge observe HCL Leakage from suction line of storage tank (Tank farm area) and Immediately Informed to Mr. Akshay Bhanghe
2	16.11Hrs.	Main Controller got the information from incident Controller	<b><u>MAIN CONTROLLER:-</u></b> Mr.Sujit Das got the information from incident controller through walkie Talkie & at same time information give to Engineering Emergency Control team to reach the site with appropriate Tools to tackle the leakage with SCBA.
3	16.12Hrs	Incident Controller. On hearing the Sound.	<b><u>INCIDENT CONTROLLER:-</u></b> Mr. Akshay Bhanghe reached to the site of incidence, and instructed to Mr.Sanjay Pasalkar (Electrician) isolate electric Supply <b><u>EMERGENCY CREW MEMBER:-</u></b> Mr.Sharad V.Darekar, Mr. Swapanil Jawak , Mr.Dnyenshwar phadke,Mr. M.M. Bhagwat, Mr.Maruti Shendage reached to the site
4	16.13	Executive Safety: On hearing the Sound.	<b><u>EHS Officer :-</u></b> Mr.Onkar Tamgave reached to the site & directed to the Emergency Crew member for the required action with consultation with incident controller and instructed to him wear personal protective equipment. Instructed to Emergency crew member Mr.Sharad V.Darekar, Mr. Swapanil Jawak , Mr.Dnyenshwar phadke, Mr.M.M. Bhagwat, Mr.Maruti Shendage to start the water monitor , message passed to main controller through walkeye talky to send additional Emergency crew member. Instructed to another crew





			member to keep and ready position with fire hydrant hose pipe connected with nozzle.
5	16.14	Fire pump attendant	<b><u>FIRE PUMP ATTENDANT:-</u></b> Mr.Nikhil Shinde reached to the Fire Hydrant pump House
6	16.15	Incident Controller	Confirmed that the fire pump has been started by the Fire pump attendant. Instructed / detailed in to all emergency crew member Spread water on tank also instructed to fitter Mr.Sagar darekar wear SCBA set and attend leakage. All HCL Vapour diluted and Confirmed that about casualty but found no casualty. Informed to main controller that no Hcl vapor cloud and situation was under control All vapour cloud dilute completely. Confirmed that about casualty but found no casualty. Informed to main controller that situation was under control.
7	16.16 Hrs.	Administrative Incharge	<b><u>ADMINISTRATIVE INCHARGE:-</u></b> In formed to Administrative incharge.He reached at main gate
8	16.17 Hrs.	Main Controller	<b><u>MAIN CONTROLLER:-</u></b> After observing the wind direction, made an announcement directed person towards Assembly point. Message was passed through walkie talkie Except person those involved in controlling the emergency.
9	16.17 to 16.22 Hrs.	Administrative incharge	Ordered security supervisor to restrict the movement of unwanted person / vehicles from the gate <b><u>SECURITY SUPERVISOR:-</u></b> Instructed to security guard close the main gate and kept the entrance road clear for emergency vehicle and stop unconcerned person going to the site



# SHOGUN

## ORGANICS LIMITED



10	16.23 to 16.26 Hrs.	Control of incidence: Generated HCL Vapour control and leakage attend	All clear message was given by incident controller. Executive safety asked to emergency crew member to secure all hoses, nozzle, fire Extinguisher
11	16.27 to 16.30 Hrs.	Administrative incharge	Head count was done on Assembly point. All persons were present, observed no casualty.



### MOK DRILL OBSERVER REPORT

- 1) Name of the Observer : Mr. Ramesh J.Lad.
- 2) Date and Time of Mock Drill : 25.12.2023
- 3) Mock Drill Scenario: HCL Leakage from suction line (Tank farm area)

Sr. No.	Observations (Incident Location)
1	Emergency Communication
2	Action of incident controller
3	communication between Incident controller, Safety Officer & main controller
4	Operation is stopped in emergency area
5	Emergency location is barricaded
6	Message passed through messenger to main controller
7	Incident controller instruction to fire fighters & first Aiders
8	Vehicle came at location in time
9	Message passed through messenger to main controller
10	The first Aiders response to causality handling
11	Fire fighters team work
12	Status of fixed fire fighting quipment's
13	Condition of PPEs used in mock drill and observation about proper use
14	Condition of PPEs used in mock drill and observation about proper use
15	Wind direction& Communication between emergency handling team
16	All employees are evacuated from the location who is not related to emergency response team
17	Head count taken by (Admin in charge.)
18	Overall performance of mock drill Average: Good / Very Good)



### Positive points:

...ive points.

Sr.No.	Observation	
1	The interest shown by each and every individual during mock was satisfactory.	
2	Immediate action taken by Incident controller	
3	Communication between Incident controller, EHs Officer & main controller Seen very well.	
4	Immediate Operation stopped in emergency area	
5	Immediate Message passed through walkie talkie to main controller	
6	Condition of PPEs used in mock drill and observation about proper use is good.	
7	Fire Hydrant pump started by nominated person without delay.	
8	All employees are evacuated from the location that is not related to emergency response team.	
9	Head count taken by Administrative in charge on assembly point.	
10	Overall performance of mock drill Average: Good / Very Good)	Good.

### Area of Improvement:

Sr.No.	Observation
1	Security supervisor and guard need to training for his role and responsibility in emergency situation
2	Newly joined employees need training for handling of emergency
3	Need to improve mutual understanding between emergency crew member

*Singh*

Executive Safety

















## **5.**

# **Environment Monitoring Reports**

QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/02-131
Report Date: 28.02.2024
Analysis Test Reports for Ambient Air Monitoring

Table with 4 columns: Name of the Industry, Date of Sampling, Date of Receipt of Sample, Date of Analysis Started, Sampling Plan, Sampling Method, Sample Description, Sample Collected by, Date of Analysis Completed, Sampling Location. Contains details for M/S Shogun Organics Ltd.

Table with 5 columns: Sample Code No., GFL/AA/24/02-131, Limits, Units, Test Method. Contains data for various pollutants (PM 10, PM 2.5, SO2, NOx, Ammonia, Carbon Monoxide) and sampling details.

Remark- ND= Not Detected

----- End of Report -----

For Goldfinch Laboratory
[Signature]
Authorized by
Ulka Kelkar (Technical Manager)

Note : 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/02-130 Report Date: 28.02.2024
Analysis Test Reports for Ambient Air Monitoring

Table with 4 columns: Name of the Industry, Date of Sampling, Date of Receipt of Sample, Date of Analysis Started, Sampling Plan, Sampling Method, Sample Description, Sample Collected by, Date of Analysis Completed, Sampling Location. Contains details for M/S Shogun Organics Ltd.

Table with 5 columns: Sample Code No., GFL/AA/24/02-130, Limits, Units, Test Method. Contains pollutant data for PM 10, PM 2.5, SO2, NOx, Ammonia, Carbon Monoxide and calibration details for HVS and ADS equipment.

----- End of Report -----

For Goldfinch Laboratory
[Signature]
Authorized by
Ulka Kelkar (Technical Manager)

Note : 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.



QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/02-132
Report Date: 28.02.2024
Analysis Test Reports for Ambient Air Monitoring

Table with 4 columns: Name of the Industry, Date of Sampling, Date of Receipt of Sample, Date of Analysis Started, Sampling Plan, Sampling Method, Sample Description, Sample Collected by, Date of Analysis Completed, Sampling Location. It details the industry as M/S Shogun Organics Ltd and the sampling location as Jiregaon Village.

Table with 5 columns: Sample Code No., GFL/AA/24/02-132, Limits, Units, Test Method. It lists various pollutants like PM 10, PM 2.5, SO2, NOx, Ammonia, and Carbon Monoxide with their respective measurements and standards.

----- End of Report -----

For Goldfinch Laboratory

Authorized by
Ulka Kelkar (Technical Manager)

Note : 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/02-133 Report Date: 28.02.2024

Analysis Test Reports for Ambient Air Monitoring

Table with 4 columns: Parameter, Value, Parameter, Value. Rows include Name of the Industry, Date of Sampling, Date of Receipt of Sample, Date of Analysis Started, Sampling Plan, Sampling Method, Sample Description, Sample Collected by, Date of Analysis Completed, and Sampling Location.

Table with 5 columns: Sample Code No., GFL/AA/24/02-133, Limits, Units, Test Method. Rows include Location (Patas Village), Date/Duration (15.02.2024), and various pollutant measurements (PM 10, PM 2.5, SO2 conc., NOx conc., Ammonia, Carbon Monoxide) with their respective values and standards.

Remark- ND= Not Detected

----- End of Report -----

For Goldfinch Laboratory

Utkumar

Authorized by
Ulka Kelkar (Technical Manager)

Note : 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.



QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/02-134 Report Date: 28.02.2024
Analysis Test Reports for Ambient Air Monitoring

Table with 4 columns: Name of the Industry, Date of Sampling, Date of Receipt of Sample, Date of Analysis Started, Sampling Plan, Sampling Method, Sample Description, Sample Collected by, Date of Analysis Completed, Sampling Location. It contains details about M/S Shogun Organics Ltd and the sampling process at Girim Village.

Table with 5 columns: Sample Code No., GFL/AA/24/02-134, Limits, Units, Test Method. It lists various pollutants (PM 10, PM 2.5, SO2, NOx, Ammonia, Carbon Monoxide) and their measured values against CPCB and IS standards.

Remark- ND= Not Detected

----- End of Report -----

For Goldfinch Laboratory
[Signature]
Authorized by
Ulka Kelkar (Technical Manager)

Note : 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.



QF/LA/10-B

Report Ref. No.: GFL/AS/R/24/02-135 Report Date: 28.02.2024
Analysis Test Reports for Stack Emissions Monitoring

Table with 4 columns: Name of the Industry, Date of Sampling, Date of Receipt of Sample, Date of Analysis Started, Sampling Plan, Sampling Method, Sample Description, Sample Collected by, Date of Analysis Completed, Sampling Location. It contains details about M/S Shogun Organics Ltd and the sampling process.

Table with 5 columns: Sample Code No., GFL/AS/24/02-135, Limits, Units, Test Method. It lists various parameters like Stack Diameter, Stack Height, Fuel used, Velocity of flue gases, Temperature of flue Gases, Flow/volume of flue Gases, Particulate Matter, Sulphur Di Oxide Content, and Nox Conc., along with their respective values and units.

----- End of Report -----

For Goldfinch Laboratory
[Signature]
Authorized by
Ulka Kelkar (Technical Manager)

Note : 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

QF/LA/10-B

Report Ref. No.: GFL/AS/R/24/02-136 Report Date: 28.02.2024
Analysis Test Reports for Stack Emissions Monitoring

Table with 4 columns: Name of the Industry, Date of Sampling, Date of Receipt of Sample, Date of Analysis Started, Sampling Plan, Sampling Method, Sample Description, Sample Collected by, Date of Analysis Completed, Sampling Location. It contains details about M/S Shogun Organics Ltd and the sampling process.

Table with 5 columns: Sample Code No., Limits, Units, Test Method. It lists various parameters like Stack Diameter, Stack Height, Fuel used, Velocity of flue gases, Temperature of flue Gases, Flow/volume of flue Gases, and HCl, along with their units and the test method used (CPCB Guidelines and EPA 0051).

----- End of Report -----

For Goldfinch Laboratory

Ukumar

Authorized by
Ulka Kelkar (Technical Manager)

Note : 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

QF/LA/10-D

Report Ref. No.: GFL/AW/R/24/02-137 Report Date: 28.02.2024

Analysis Test Reports for Workplace Monitoring

Table with 4 columns: Name of the Industry, Date of Sampling, Date of Receipt of Sample, Date of Analysis Started, Sampling Plan, Sampling Method, Sample Description, Sample Collected by, Date of Analysis Completed, Sampling Location. Contains details for M/S Shogun Organics Ltd.

Table with 7 columns: Sample Code No., Location, Parameter, Result, Limit, Unit, Test Method. Contains data for Benzene, Toluene, and Xylene at Process Plant No-I.

----- End of Report -----

For Goldfinch Laboratory

Ukelkar

Authorized by
Ulka Kelkar (Technical Manager)

Note : 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.



QF/LA/10-C

Report Ref. No.: GFL/AN/R/24/02-138 to 140
Report Date: 28.02.2024
Analysis Test Reports for Ambient Noise Level Survey

Table with 4 columns: Name of the Industry, Date of Sampling, Date of Receipt of Sample, Date of Analysis Started, Sampling Plan, Sampling Method, Sample Description, Sample Collected by, Date of Analysis Completed, Sampling Location. It contains details about M/S Shogun Organics Ltd and the noise level survey parameters.

Table with 5 columns: Sample Code No., Location, Ambient Noise Level (Leq) (Day dB, Night dB), Test Method, and a footer section. It lists noise level measurements at three locations (Near Main Gate, Near DG, Near Boiler area) and the M.P.C.B. Limit, all using IS 9989-1981, Reaffirmed 2023.

----- End of Report -----

For Goldfinch Laboratory
[Signature]
Authorized by
Ulka Kelkar (Technical Manager)

Note : 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

QF/LA/09

Report Ref. No. : GFL/W/R/24/02/33

Report Date: 27.02.2024

Analysis Test Report

Table with client details: Name & Address of the Client (M/s. Shogun Organics Limited. Kurkumbh), Date of Sample Collection (19.02.2024), Date of Receipt of Sample (20.02.2024), Date of Analysis Started (20.02.2024), Date of Analysis Completed (27.02.2024), Sampling Plan (QF/LA/01-B 30.01.24), Sampling Method (APHA 1060B 24th Edition), Sample Description (Effluent Sample), Sample Quantity (1000 ml), Sample Collected by (Laboratory), Sample Container (Plastic Carboy), Sampling Location (ETP Plant).

Table with 6 columns: Sr. No., Parameters, Unit, GFL/W/24/02/33 ETP Inlet, Limit as per MPCB Consent, Test Method Used. Rows include pH, Chemical Oxygen Demand, Biological Oxygen Demand, Total Dissolved Solids, Total Suspended Solids, and Oil & Grease.

----- End of Report -----

For Goldfinch Laboratory

[Signature]

Authorized by
Tanuja Thakur (Technical Manager)

Note : 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

QF/LA/09

Report Ref. No. : GFL/W/R/24/02/34

Report Date: 27.02.2024

Analysis Test Report

Name & Address of the Client :		M/s. Shogun Organics Limited. Kurkumbh	
Date of Sample Collection :	19.02.2024	Sample Description :	Effluent Sample
Date of Receipt of Sample:	20.02.2024	Sample Quantity :	1000 ml
Date of Analysis Started :	20.02.2024	Sample Collected by	Laboratory
Date of Analysis Completed :	27.02.2024	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.01.24	Sampling Location :	ETP Plant
Sampling Method :	APHA 1060B 24 <sup>th</sup> Edition		

Sr. No.	Parameters	Unit	GFL/W/24/02/34 ETP Outlet	Limit as per MPCB Consent	Test Method Used
1.	pH	--	6.16	6.5 to 8.5	APHA 4500-H+B(24 <sup>th</sup> Edition)
2.	Chemical Oxygen Demand	mg/l	190	Less than 250	APHA 5220 B(24th Edition)
3.	Biological Oxygen Demand (3 days @ 27°C )	mg/l	22	Less than 100	IS 3025(Part 44) :2019
4.	Total Dissolved Solids	mg/l	460	Not Specified	APHA 2540 C (24 <sup>th</sup> Edition)
5.	Total Suspended Solids	mg/l	<5	Less than 100	APHA 2540 D (24 <sup>th</sup> Edition)
6.	Oil & Grease	mg/l	<5	Less than 10	APHA 5520 B (24 <sup>th</sup> Edition)

----- End of Report -----

For Goldfinch Laboratory



Authorized by  
Tanuja Thakur (Technical Manager)

**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.



Report Ref. No. : GFL/W/R/24/02/34
Report Date: 27.02.2024

ANALYSIS TEST REPORT - BIOASSAY

Table with 4 columns: Name & Address of the Client, Date of Sample Collection, Sample Description, Date of Receipt of Sample, Sample Quantity, Date of Analysis Started, Sample Collected by, Date of Analysis Completed, Sample Container, Sample collection Plan, Sampling Location, Sampling Method, Sample Code.

Test Method: IS: 6582-1971(Reaffirmed 2003) /APHA 15th Edition

Table with 9 columns: Sr. No., Concentration of Waste Water Percent (%)/Ratio, pH, Dissolved Oxygen (DO)ppm, Temperature °C, After 24 hrs., After 48 hrs., After 72 hrs., After 96 hrs.

NOTE:

- 1 Test fish used - Gutter guppies
5. Content of the test solutions (Sample+ Dilution water)
2.Weight and length of the fish (range) - Dilution water – 1gm to 0.2gm & 5cm to 4 cm
3. Temperature at the time of the test – 1. Calcium chloride solution
4. Duration of the Test- 96 hrs. 2. Magnesium Sulphate solution
3. Sodium bicarbonate solution
4. Potassium Chloride

Results: -
100% Effluent Concentration shows 100 % survival at the end of 96hrs

----- End of Report -----

For Goldfinch Laboratory
[Signature]
Verified and Authorized by

Note : 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.



## **6.**

# **Online Continuous Monitoring System**



Video: T1 - meghraj Dudhe  
Oct 3, 2023, 12:25

**7.**

**Form VII Health Register**



Kulkarni Medical Foundation's

# Pyramid Hospital

30-E-01



Sahakar Chowk, Daund 413 801(Pune) Ph. 02117-299279 Mob. : 9422312145  
E\_mail : pyramidhospital@hotmail.com

## MEDICAL EXAMINATION REPORT

Name:-	Shubham S. Bhutke	Date:-	11-10-23
Employee id :-		Date of Joining:-	2-2-22
Department:-	production	Age:-	26
Sex:-	M		

## PHYSICAL EXAMINATION

Height :-	167	cms	Weight :-	70	kgs	Chest(Exp/Insp)	96/99
Abdomen :-	90	cms	BMI :-	25.1			cms
Blood Pressure :-	130/80	mm/hg	Pulse Rate :-	82/-			/min
Identification Mark :-	mole on chest			spo2 99%			

## PAST HISTORY (Declaration By Candidate)

Major Complaints/Medical & Surgical History :-	NO
Current Medication :-	NO
Family History :-	NO
Drug Allergies :-	NO

## SYSTEMIC EXAMINATION

R.S. :-	clear, ABGAS	C.V.S. :-	clear, normal
C.N.S. :-	normal	P/A :-	normal
Inj. TT -		Inj. Typhoid :-	
ECG -	✓	PFT -	✓
Audio -	✓	Lab -	✓

## EYE VISION

Distant Vision	Left Eye	Normal	Right Eye	Normal
Near Vision	Left Eye	Normal	Right Eye	Normal
Colour Blindness	Left Eye	Normal	Right Eye	Normal

Fit For duty

Dr. Sameer S. Kulkarni  
Kulkarni Medical Foundation Pyramid Hospital  
Daund, Dist. Pune 413801  
Authorised Certifying Surgeon No. ACS24/SK/2019  
M.S. A.F.I.H.  
PYRAMID HOSPITAL  
DAUND





Kulkarni Medical Foundation's

# Pyramid Laboratory



Pyramid Hospital, Sahakar Chowk, Daund.413 801.(Pune.) Mob.- 9921217803, 8421939551.

NAME: MR.SHUBHAM BHUTKE

AGE/SEX 26/M

COMPANY: SHOGUN ORGANICS LIMITED

DATE: 11.10.2023

## HEMOGRAM PROFILE

TEST	PATIENT'S VALUE	NORMAL VALUE
Haemoglobin	13.2 gm %	M:11-16 gm% F 11-14gm%
Total RBC Count	5.32 x10 <sup>6</sup> /ul	M: 3.5 - 6.5 f 3.6-5.6
Total WBC Count	9800/ cu mm	4,000 to 10,000/cumm
Platelet Count	3,85,000 /cu mm	1,50,000 to 4,50,000/cumm
HCT	43.0 %	37-54 %
MCV	80 fl	80-100 fl
MCH	24 pg	27-34 pg
MCHC	30 g/dl	32-36 g/dl

## DIFFERENTIAL LEUCOCYTES COUNT

Polymorphs	55 %	40 to 70 %
Lymphocytes	33 %	20 to 40 %
Eosinophils	02 %	1 to 5 %
Monocytes	10 %	1 to 6 %
Basophils	00 %	0 to 1%
ESR	04	0-20MM/HR

## BIOCHEMISTRY

BSL	90 mg/dl	70-140 mg/dl
CREATININE	0.7 mg/dl	0.5-1.5mg/dl
SR CHOLESTROL	158 mg/dl	130-250 mg/dl
SGOT	20 u/l	upto 37
SGPT	28 u/l	upto 37

## URINE ANALYSIS

### PHYSICAL EXAMINATION

1) Appearance	Clear
2) colour	Colourless

### CHEMICAL EXAMINATION

Reaction	Acidic
Protein	Nil
Sugar	Nil
Bile salt/pigment	Nil
Ketone bodies	Nil
PH	6
SP Gravity	1.027

### MICROSCOPIC EXAMINATION

Red blood cells	Notseen
Pus cells	1-2/hpf
Epithelial cell	1-2/hpf
Crystal	Notseen
Cast	Notseen

END OF REPORT

Mrs. Shanti M. Baldota  
Principal  
Pyramid Hospital  
Daund - Pune

# PYRAMID HOSPITAL DAUND

DAUND

PR: 92117299275

## FVC TEST REPORT

ID No: 01

Patient Name: MR. SHUBHAM S. BHUTKE

Age(yrs.): 26 Sex: M

Weight(Kg): 70

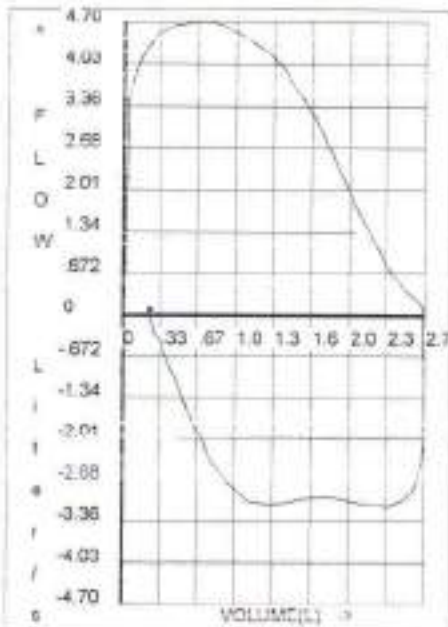
Report Date: 11-10-2023

Eth. Corr.(%): 80

Height(cm): 167 BSA(m<sup>2</sup>): 1.79

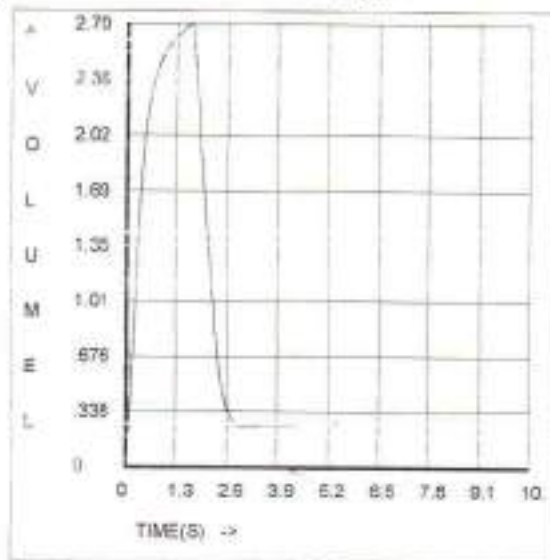
Indications:  
Comments:

Flow / Volume Graph



FVC GRAPHS

Volume / Time Graph



## TEST RESULTS

Date of Test ->	11/10/2023		
Time of Test ->	10:57:42		
Parameter (L)	Pred.	Pre	%Pred.
FVC (L)	3.683	2.704	73.41
FEV0.5 (L)		1.985	
FEV0.5/FVC (%)		73.39	
FEV1 (L)	3.15	2.524	80.34
FEV1/FVC (%)	82.53	93.59	113.4
FEV6 (L)		0	
FEV1/FEV6		0	
FEV6/FVC (%)		0	
ET100% (s)		1.69	
TV (L)		0	
FEV3/FVC (%)		0	
PEF (L/s)	7.429	4.707	63.35
FEF0.2-1.2 (L/s)		4.563	
FEF25% (L/s)	6.315	4.707	74.53
FEF50% (L/s)	4.139	4.352	105.1
FEF75% (L/s)	1.874	2.22	118.4
FEF25-75% (L/s)	3.867	3.91	101.3
FEF75-85% (L/s)		1.586	
MET (s)		0.02	
FIV0 (L)		2.461	
FIV0.5 (L)		1.698	
FIV0.5/FVC (%)		65.21	
FIV1 (L)		2.397	
FIV1/FVC (%)		97.82	
FIV3 (L)		0	
FIV3/FVC (%)		0	
PIFR (L/s)		3.197	
PIF0.2-1.2 (L/s)		3.051	
PIF50% (L/s)		3.106	
PIF25-75% (L/s)		2.999	
IT (s)		1.4	

INTERPRETATION: Mild Res ESA Obs Low VC

This may be clinically co - related.

*Dr. Sameer S. Kulkarni*  
Kulkarni Medical Foundation Pyramid Hospital  
Daund, Dist: Pune 413001

Authorised Certifying Surgeon No. ACR24-SK02019  
(As per Section 11(3) of the Factories Act, 1947)  
For Pune District From 15 Sept 2023 to 14 Sept 2025

# PYRAMID HOSPITAL

A. H. SAHAKAR CHOWK, DAUND, PUNE-413801

## AUDIOGRAM

Case No: Date: 11.10.2023

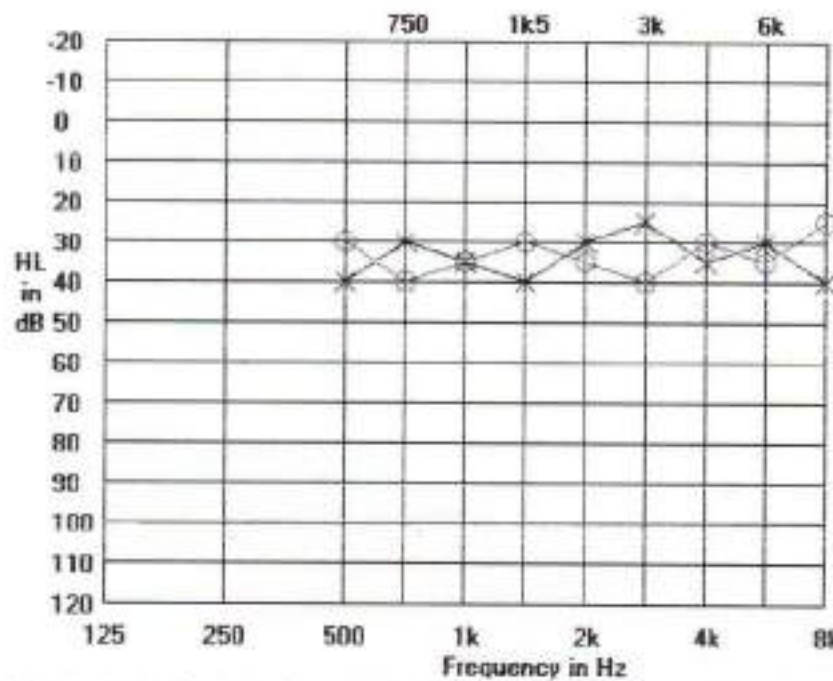
Patient's Name: Mr. SHUBHAM S. BHTKIE

Age: 26 Sex: M

Patient's Address:

Phone No:

Referred By: DR. SAMEER KULKARNI



ACL X ACR O BCL > BCR < ACLm □ ACRm △ BCLm □ BCRm □

CURRENT FILE :

Interpretation: AUDIOMETRY WITHIN NORMAL LIMIT

Dr. Sameer S. Kulkarni

Kulkarni Medical Foundation Pyramid Hospital  
Daund, Dist. Pune 413801

Authorised Certifying Surgeon No. AGSDA-SK/2019  
(As per Section 11(2) of the Factories Act, 1948.)  
For Pune District From 13 Sept 2023 to 14 Sept 2025



SO E1 SHUBHAM S BHUTKE  
REFERENCE NO:

Male 26 yrs 70 Kg 167 cms

11/10/2023 11.05

MEDICATIONS :

P = -45°  
QRS = -42°  
T = -4°

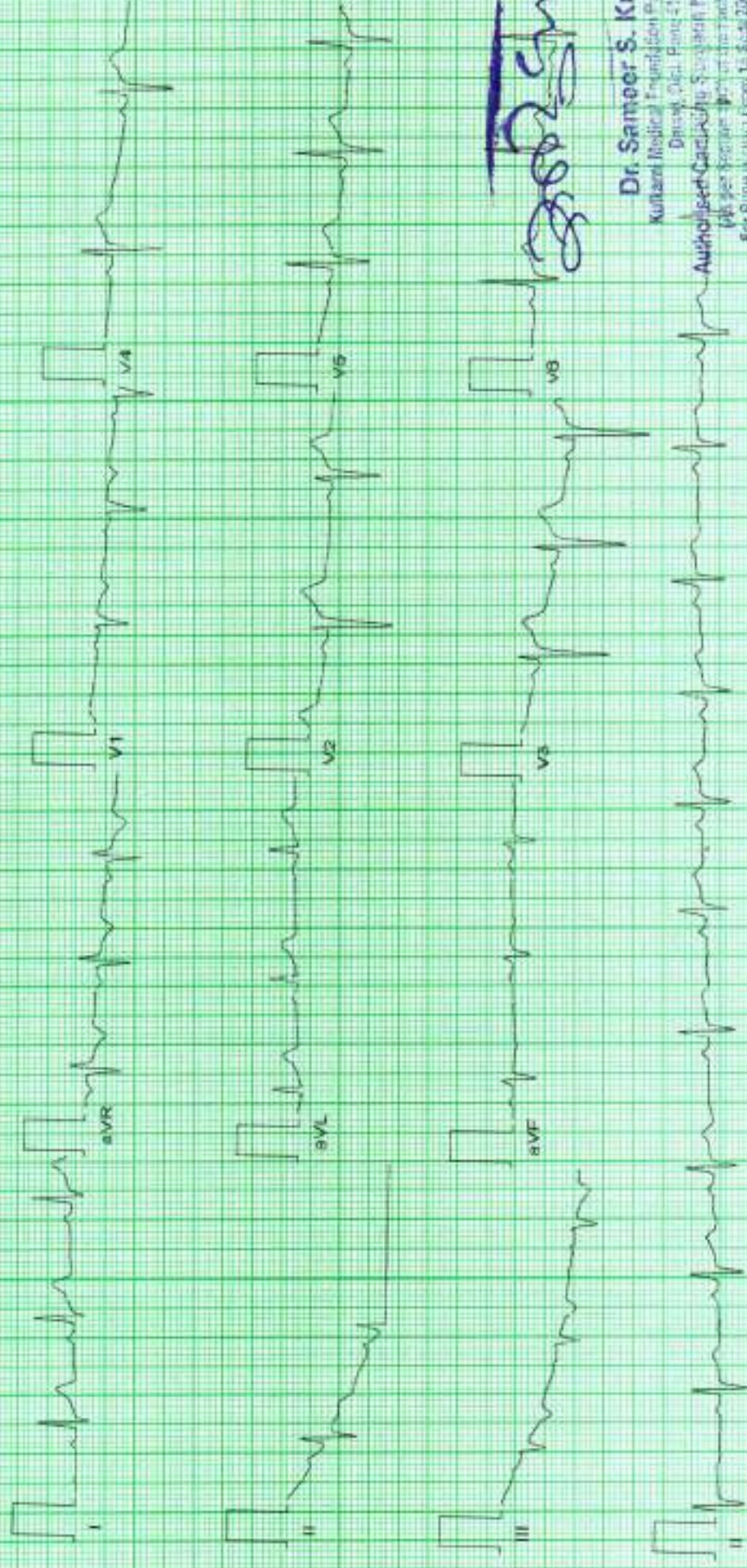
HR = 74 bpm  
BP = 0/0 mmHg

PR = 150 ms  
Pd = 117 ms  
QRS = 77 ms  
QT = 370 ms  
QTc = 408 ms

UNCONFIRMED COMPUTERISED ANALYSIS :

Sinus rhythm  
Left axis deviation  
Apparently Normal ECG

IMPRESSIONS:



Dr. Sameer S. Kulkarni

Kulkarni Medical Foundation Postgraduate Hospital

Genet. Dept. Pune 411 001

Authorised Cardiology Software P.D. No. AC22-84/2019

Lab. for ECG, 1st floor, 1st building, 1st floor, 1st floor

For Pune & Mumbai from 1st Sept 2020 to 1st Sept 2025





# Pyramid Hospital



Sahakar Chowk, Daund 413 801(Pune) Ph. 02117-299279 Mob. : 9422312145  
E\_mail : pyramidhospital@hotmail.com

## MEDICAL EXAMINATION REPORT

Name:-	Laxman N Bankar	Date:-	11-10-23
Employee id :-		Date of Joining:-	
Department:-	Production	Age:-	53
Sex:-	M		

## PHYSICAL EXAMINATION

Height :-	165	cms	Weight :-	60	kgs	Chest(Exp/Insp)	93/95
Abdomen :-	93	cms	BMI :-	18.4			cms
Blood Pressure :-	138/80	mm/hg	Pulse Rate :-	88	/min		
Identification Mark :-	note Black mole on left leg 9792987						

## PAST HISTORY (Declaration By Candidate)

Major Complaints/Medical & Surgical History :-	NO
Current Medication :-	NO
Family History :-	NO
Drug Allergies :-	NO

## SYSTEMIC EXAMINATION

R.S. :-	clear, ABGRT.	C.V.S. :-	S, S2 (N)
C.N.S. :-	WNL	P/A :-	WNL
Inj. TT -		Inj. Typhoid :-	
ECG -	✓	Trippal Antigen :-	
PFT -	✓	Audio -	✓
Lab -	✓		

## EYE VISION

Distant Vision	Left Eye	spect	Right Eye	spect
Near Vision	Left Eye	spect	Right Eye	spect
Colour Blindness	Left Eye	Normal	Right Eye	Normal

fit for duty

Dr. Sameer S. Kulkarni  
Kulkarni Medical Foundation's Pyramid Hospital  
Daund, Dist. Pune-413801  
Authorised Certifying Physician  
M.S. A.F.I.H.  
PYRAMID HOSPITAL  
DAUND



Kulkarni Medical Foundation's

# Pyramid Laboratory



Pyramid Hospital, Sahakar Chowk, Daund.413 801.(Pune.) Mob.- 9921217803, 8421939551.

NAME: MR.LAXMAN BANKAR

AGE/SEX 53/M

COMPANY: SHOGUN ORGANICS LIMITED

DATE: 11.10.2023

## HEMOGRAM PROFILE

TEST	PATIENT'S VALUE		NORMAL VALUE	
Haemoglobin	13.3	gm %	M:11-16 gm% F 11-14gm%	
Total RBC Count	4.80	$\times 10^6$ /ul	M: 3.5 - 6.5 f 3.6-5.6	
Total WBC Count	7000/	cu mm	4,000 to 10,000/cumm	
Platelet Count	3,61,000	/cu mm	1,50,000 to 4,50,000/cumm	
HCT	43.2	%	37-54 %	
MCV	90	fl	80-100 fl	
MCH	27	pg	27-34 pg	
MCHC	30	g/dl	32-36 g/dl	

## DIFFERENTIAL LEUCOCYTES COUNT

Polymorphs	53	%	40 to 70 %
Lymphocytes	35	%	20 to 40 %
Eosinophils	01	%	1 to 5 %
Monocytes	11	%	1 to 6 %
Basophils	00	%	0 to 1%
ESR	03		0-20MM/HR

## BIOCHEMISTRY

BSL	94	mg/dl	70-140 mg/dl
CREATININE	0.8	mg/dl	0.5-1.5mg/dl
SR CHOLESTROL	166	mg/dl	130-250 mg/dl
SGOT	26	u/l	upto 37
SGPT	29	u/l	upto 37

## URINE ANALYSIS

### PHYSICAL EXAMINATION

- 1) Appearance  
2) colour

Clear  
Colourless

### CHEMICAL EXAMINATION

- Reaction  
Protein  
Sugar  
Bile salt/pigment  
Ketone bodies  
PH

Acidic  
Nil  
Nil  
Nil  
Nil  
6

SP Gravity

1.027

### MICROSCOPIC EXAMINATION

- Red blood cells  
Pus cells  
Epithelial cell  
Crystal  
Cast

Notseen  
2-4/hpf  
1-2/hpf  
Notseen  
Notseen

END OF REPORT

Mrs. Sharda H. Baldota  
Lab. In-charge  
Pyramid Hospital  
Sahakar Chowk, Daund



# PYRAMID HOSPITAL DAUND

DAUND

PR: 02117286279

## FVC TEST REPORT

ID No. : 02

Patient Name : MR. LAXMAN N. BANKAR

Age(yrs.) : 53 Sex: M

Weight(Kg): 50

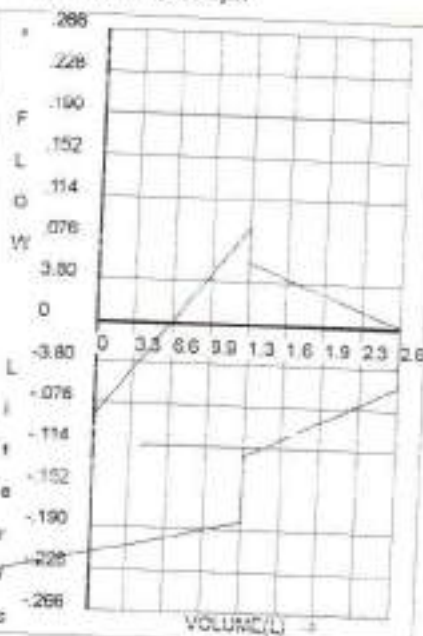
Report Date: 11-10-2023

Eth. Corr.(%): 80

Height(cm): 165 BSA(m<sup>2</sup>): 1.63

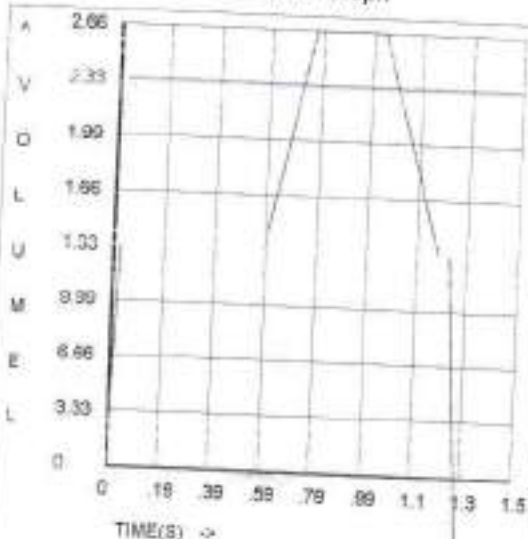
Indications  
Comments

Flow / Volume Graph



FVC GRAPHS

Volume / Time Graph



## TEST RESULTS

Date of Test ->  
Time of Test ->  
Parameter (L)

11/10/2023

11:02:32

Pred.

Pre

%Pred

FVC (L)	3.683	0.333	9.041
FEV0.5 (L)		0.013	
FEV0.5/FVC (%)		0	
FEV1 (L)	3.15	0.027	0.007
FEV1/FVC (%)	82.53	8	9.693
FEV6 (L)		0	
FEV1/FEV6		0	
FEV6/FVC (%)		0	
FET100% (s)		0.15	
FVC (L)		0	
FVC/FVC (%)		0	
PEF (L/s)	7.425	0.069	1.196
FEF0.2-1.2 (L/s)		0	
FEF25% (L/s)	6.316	6.128	97.03
FEF50% (L/s)	4.136	3.641	87.96
FEF75% (L/s)	1.674	2.131	113.7
FEF25-75% (L/s)	3.857	0	0
FEF75-85% (L/s)		0	
MET (s)		0	
FVC (L)		0	
FVC0.5 (L)		0	
FVC0.5/FVC (%)		0	
FVC1 (L)		0	
FVC1/FVC (%)		0	
FVC3 (L)		0	
FVC3/FVC (%)		0	
PFR (L/s)		0.266	
FIF0.2-1.2 (L/s)		0	
FIF50% (L/s)		0	
FIF25-75% (L/s)		0	
IT (s)		0	

*Dr. Sameer S. Kulkarni*

Kulkarni Medical Foundation Pyramid Hospital

Daund, Dist. Pune 413001

Authorised Certifying Surgeon Ho. ACS24-SK/2019

(As per Section 10(2) of the Paternity Act, 1981)

For Pune District From 15 Sept 2023 to 14 Sept 2025

INTERPRETATION: Severe Res Severe Obs ESA Obs Low VC  
This may be clinically co-related.

## PYRAMID HOSPITAL

A. H. SAHAKAR CHOWK, DAUND, PUNE-413801

### AUDIOGRAM

Case No Date: 11/10/.2023

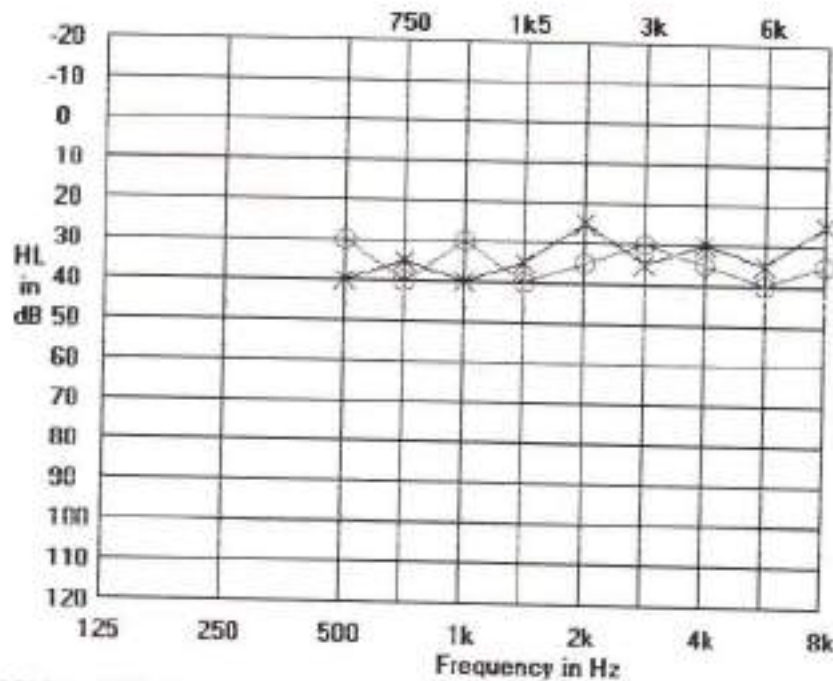
Patient's Name: MR . LAXMAN N . BANKAR

Age: 53 Sex: M

Patient's Address:

Phone No:

Referred By: DR. SAMEER KULKARNI



ACL X ACR O BCL > BCR < ACLm □ ACRm △ BCLm □ BCRm □

CURRENT FILE :

Interpretation: AUDIOMETRY WITHIN NORMAL LIMITS

*Dr. Sameer S. Kulkarni*  
Kulkarni Medical Foundation Pyramid Hospital  
Daund, Dist. Pune-413801  
Authorised Certifying Surgeon No. AC324 SK/2019  
Issued on 11/10/23 of the Pyramid Hospital  
For Period valid from 10 Sept 2023 to 14 Sept 2025



SO E2 LAXMAN N BANKAR  
REFERENCE NO.

Male 53 yrs 50.000 Kg 135 cms

11/10/2023 11:11

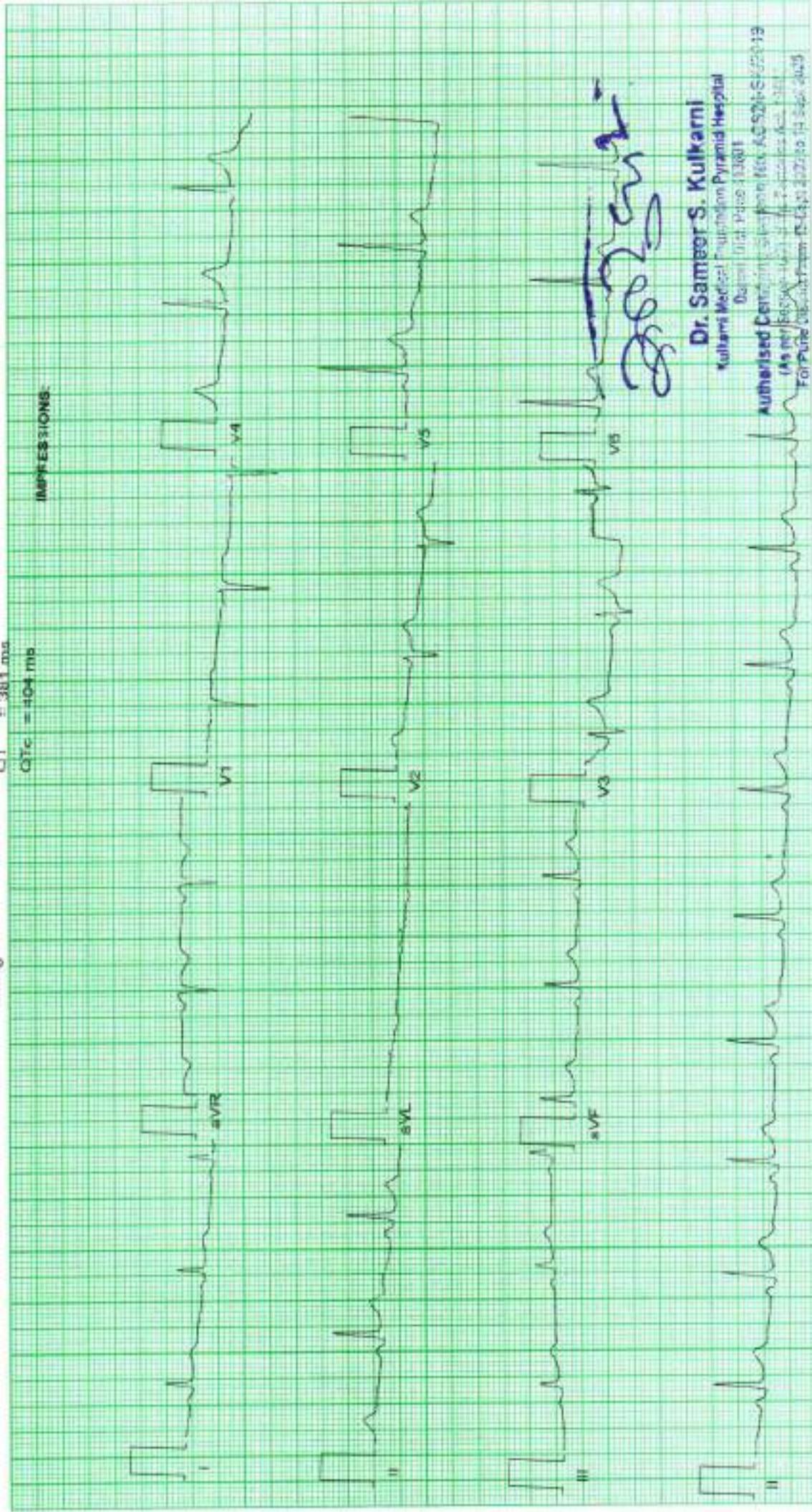
MEDICATIONS:

HR = 67 bpm  
BP = 0/0 mmHg

P = 56°  
QRS = 53°  
T = 56°  
PR = 147 ms  
Pd = 123 ms  
QRS = 66 ms  
QT = 381 ms  
QTc = 404 ms

UNCONFIRMED COMPUTERISED ANALYSIS:  
Sinus rhythm.  
Apparently Normal ECG

IMPRESSIONS



Dr. Sameer S. Kulkarni  
Kulkarni Medical Foundation Pyramid Hospital  
Dahanu (Dist. Palghar) 413011

Authorised Centre for ECG Interpretation  
For ECG Interpretation: 02117-265879  
For ECG Interpretation: 02117-265879





Kulkarni Medical Foundation's

# Pyramid Hospital

S O - E - 03



Sahakar Chowk, Daund 413 801(Pune) Ph. 02117-299279 Mob. : 9422312145  
E\_mail : pyramidhospital@hotmail.com

## MEDICAL EXAMINATION REPORT

Name:-	Karan A. more	Date:-	11-10-23
Employee id :-		Date of Joining:-	04/06/23
Department:-	production	Age:-	23
Sex:-	M / F		

## PHYSICAL EXAMINATION

Height :-	162	cms	Weight :-	62	kgs	Chest(Exp/Insp)	90/93
Abdomen :-	84	cms	BMI :-	23.6			cms
Blood Pressure :-	120/80	mm/hg	Pulse Rate :-	76	/min		
Identification Mark :-	mole on right hand spo2 99%						

## PAST HISTORY (Declaration By Candidate)

Major Complaints/Medical & Surgical History :-	NO
Current Medication :-	NO
Family History :-	mother: hypto tension
Drug Allergies :-	NO

## SYSTEMIC EXAMINATION

R.S. :-	clear ABBB	C.V.S. :-	1, 2, 3
C.N.S. :-	WNL	P/A :-	WNL
Inj. TT -		Inj. Typhoid :-	
ECG -	✓	PFT -	✓
Audio -	✓	Lab -	✓

## EYE VISION

Distant Vision	Left Eye	Normal	Right Eye	Normal
Near Vision	Left Eye	Normal	Right Eye	Normal
Colour Blindness	Left Eye	Normal	Right Eye	Normal

Fit for duty

Dr. Sameer S. Kulkarni  
Kulkarni Medical Foundation Pyramid Hospital  
Daund, Dist. Pune 413001  
Authorised Certifying Surgeon (M.D. 1401)  
(As per Section 197(1) of the Factories Act, 1947)  
For Pune District From 10.06.2020 to 14.06.2025

Dr. Sameer Kulkarni  
M.S.  
A.F.I.H.  
PYRAMID HOSPITAL  
DAUND



Kulkarni Medical Foundation's

# Pyramid Laboratory



Pyramid Hospital, Sahakar Chowk, Daund.413 801.(Pune.) Mob.- 9921217803, 8421939551.

NAME: MR.KARAN MORE

AGE/SEX 28/M

COMPANY: SHOGUN ORGANICS LIMITED

DATE: 11.10.2023

## HEMOGRAM PROFILE

TEST	PATIENT'S VALUE	NORMAL VALUE
Haemoglobin	13.6 gm %	M:11-16 gm% F 11-14gm%
Total RBC Count	5.04 x10 <sup>6</sup> /ul	M: 3.5 - 6.5 f 3.6-5.6
Total WBC Count	8500/ cu mm	4,000 to 10,000/cumm
Platelet Count	3,88,000 /cu mm	1,50,000 to 4,50,000/cumm
HCT	44.1 %	37-54 %
MCV	87 fl	80-100 fl
MCH	26 pg	27-34 pg
MCHC	30 g/dl	32-36 g/dl
<b>DIFFERENTIAL LEUCOCYTES COUNT</b>		
Polymorphs	63 %	40 to 70 %
Lymphocytes	29 %	20 to 40 %
Eosinophils	01 %	1 to 5 %
Monocytes	07 %	1 to 6 %
Basophils	00 %	0 to 1%
ESR	03	0-20MM/HR

## BIOCHEMISTRY

BSL	100 mg/dl	70-140 mg/dl
CREATININE	0.6 mg/dl	0.5-1.5mg/dl
SR CHOLESTROL	169 mg/dl	130-250 mg/dl
SGOT	15 u/l	upto 37
SGPT	22 u/l	upto 37

## URINE ANALYSIS

### PHYSICAL EXAMINATION

- 1) Appearance  
2) colour

Clear  
Colourless

### CHEMICAL EXAMINATION

- Reaction  
Protein  
Sugar  
Bile salt/pigment  
Ketone bodies  
PH

Acidic  
Nil  
Nil  
Nil  
Nil  
6

SP Gravity

1.027

### MICROSCOPIC EXAMINATION

- Red blood cells  
Pus cells  
Epithelial cell  
Crystal  
Cast

Notseen  
2-3/hpf  
1-2/hpf  
Notseen  
Notseen

END OF REPORT

Mrs. Sharda M. Baldota  
DIT  
Pyramid Hospital  
Daund - Pune



# PYRAMID HOSPITAL DAUND

DAUND

PH: 02117289279

## FVC TEST REPORT

ID No. : 04

Patient Name : MR. KARAN A. MORE

Age(yrs.) : 28 Sex: M

Weight(Kg): 62

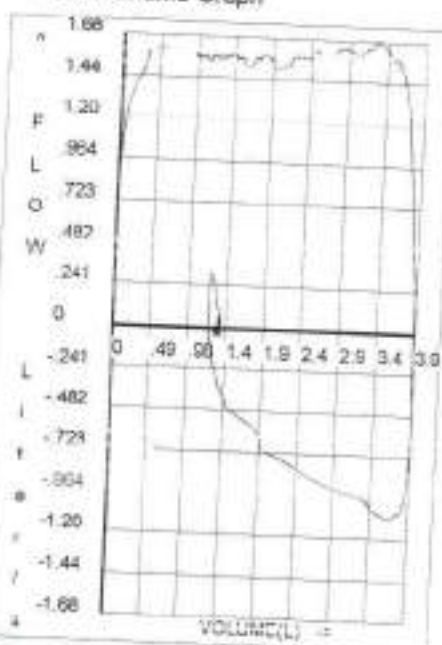
Report Date: 11-10-2023

Eth. Corr.(%): 80

Height(cm): 162 BSA(m<sup>2</sup>): 1.66

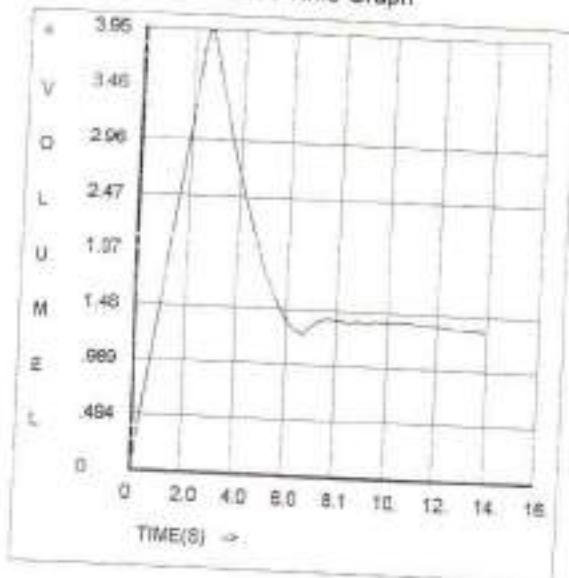
Indications  
Comments

Flow / Volume Graph



FVC GRAPHS

Volume / Time Graph



## TEST RESULTS

Date of Test ->	11/10/2023		
Time of Test ->	11:19:28		
Parameter (U)	Pred.	Pth	%Pred.
FVC (L)	3.248	3.958	121.7
FEV0.5 (L)		0.896	
FEV0.5/FVC (%)		16.83	
FEV1 (L)	2.734	1.452	53.10
FEV1/FVC (%)	80.37	36.7	45.88
FEV6 (L)		0	
FEV1/FEV6		0	
FEV6/FVC (%)		0	
TT100% (s)		2.74	
TV (L)		0	
FEV3/FVC (%)		0	
PEF (L/s)	6.818	1.887	24.73
FEF0.2-1.2 (L/s)		1.566	
FEF25% (L/s)	5.882	1.599	27.27
FEF50% (L/s)	3.72	1.599	42.98
FEF75% (L/s)	1.541	1.687	109.4
FEF25-75% (L/s)	3.383	1.668	46.34
FEF75-85% (L/s)		1.628	
MET (s)		0.02	
FIVC (L)		2.677	
FIV0.5 (L)		0.588	
FIV0.5/FVC (%)		21.39	
FIV1 (L)		1.065	
FIV1/FVC (%)		39.80	
FIV3 (L)		2.484	
FIV3/FVC (%)		92.03	
PIFR (L/s)		1.155	
FIF0.2-1.2 (L/s)		0.970	
FIF50% (L/s)		0.886	
FIF25-75% (L/s)		0.528	
IT (s)		3.98	

INTERPRETATION: Moderate Obs ESA Obs  
This may be clinically co-related.

*Dr. Sameer S. Kulkarni*  
Kulkarni Medical Foundation Pyramid Hospital  
Daund, Dist. Pune-412004

Authorised Certifying Signatory No. ACS24-SK/2019  
(As per Section 10(2) of the Factories Act, 1948.)  
For Pune District From 15 Sept 2020 to 14 Sept 2025

## PYRAMID HOSPITAL

A. H. SAHAKAR CHOWK, DAUND, PUNE-413801

### AUDIOGRAM

Case No: Date: 11.10.2023

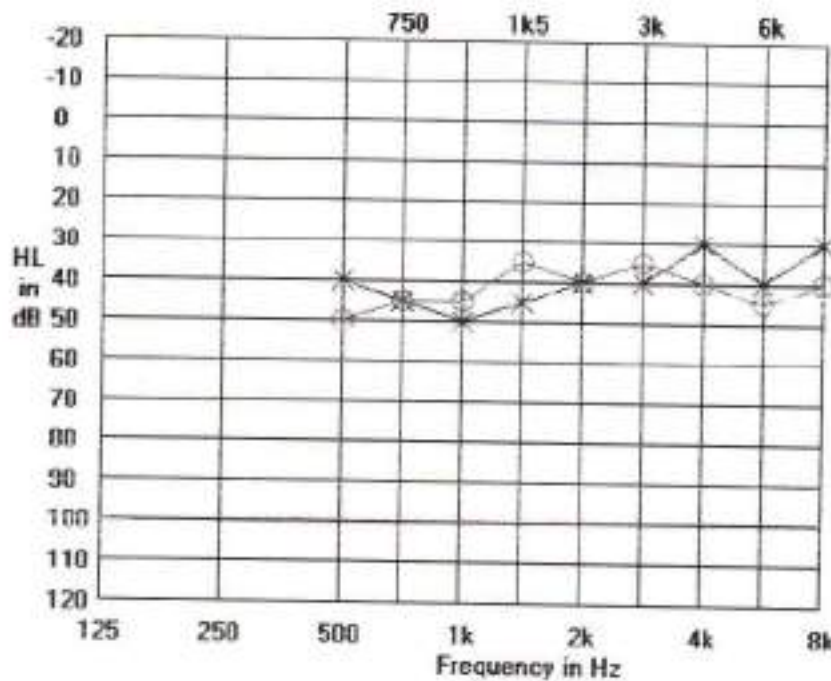
Patient's Name: MR. KARAN A. MORE

Age: 28 Sex: M

Phone No:

Patient's Address:

Referred By: DR. SAMEER KULKARNI



ACL X ACR O BCL > BCR < ACLm □ ACRm △ BCLm □ BCRm □

CURRENT FILE :

Interpretation: AUDIOMETRY WITHIN NORMAL LIMIT

Dr. Sameer S. Kulkarni

Kulkarni Medical Foundation, Pyramid Hospital  
Daund, Dist. Pune-413801

Authorized Certifying Officer No. ACS24-55/2019

(As per Section 10(7) of the Electricity Act, 1948)  
For Pune District From 15 Sept 2022 To 14 Sept 2025



SO E3 KARAN A. MORE  
REFERENCE NO.

Male 23 yrs 62.000 Kg 152 cms

11/10/2023 11:24

MEDICATIONS :

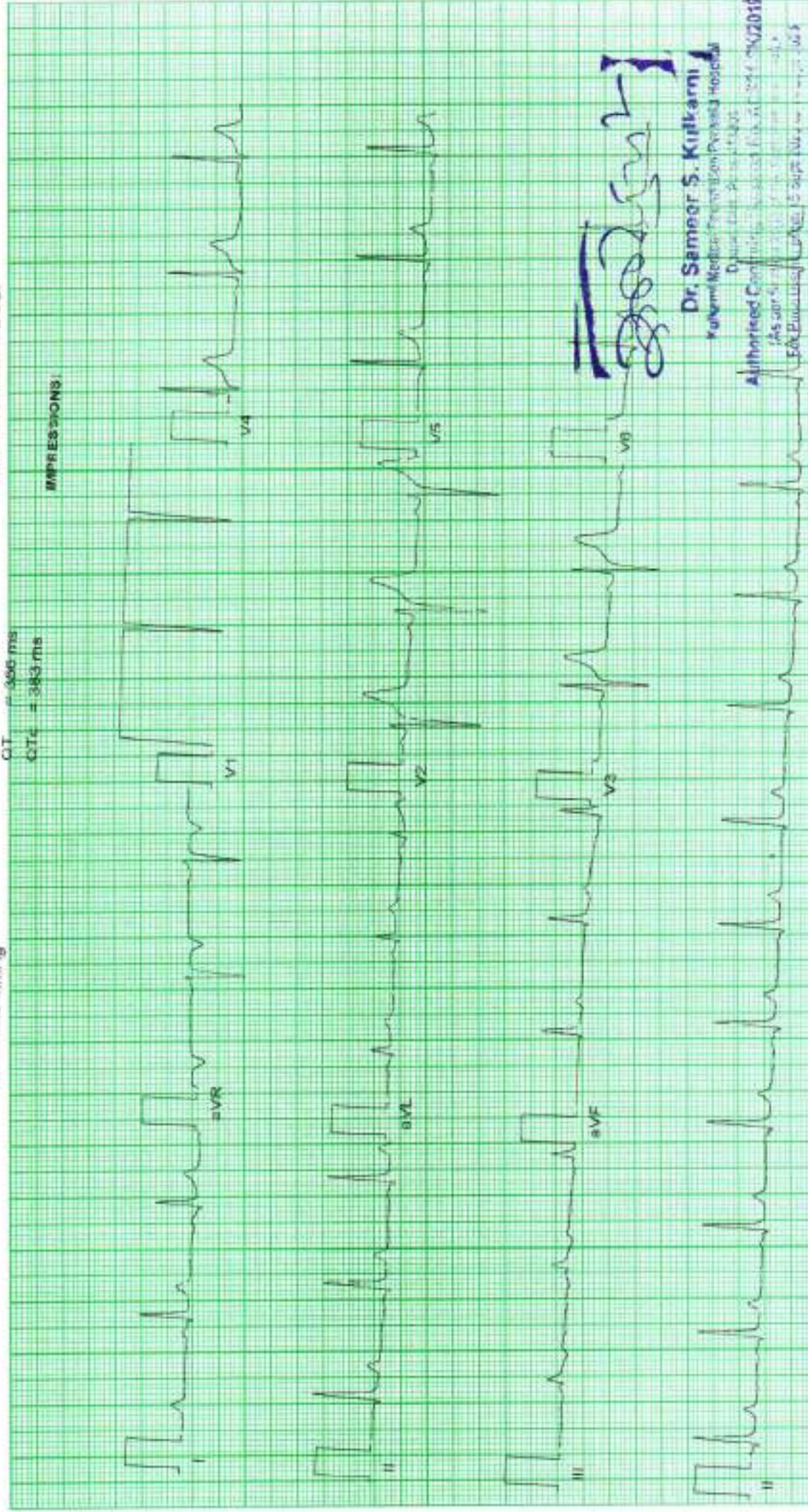
HR = 70 bpm  
BP = 0/0 mmHg

P = 0°  
QRS = 41°  
T = 18°

PR = 141 ms  
Pd = 125 ms  
QRS = 75 ms

UNCONFIRMED COMPUTERISED ANALYSIS  
Sinus rhythm.  
Apparently Normal ECG.

QT = 396 ms  
QTc = 383 ms



Dr. Sameer S. Kulkarni  
Kulkarni Medical Services Pvt. Ltd. (Pune) Hospital  
Daund, Dist. Solapur, Maharashtra

Authorized Computerized ECG Analysis Report  
Date: 11/10/2023  
Time: 11:24 AM  
ECG Printout Date: 11/10/2023





Kulkarni Medical Foundation's

# Pyramid Hospital

S.O-E-05



Sahakar Chowk, Daund 413 801(Pune) Ph. 02117-299279 Mob. : 9422312145  
E\_mail : pyramidhospital@hotmail.com

## MEDICAL EXAMINATION REPORT

Name:-	<u>Rajkesh R. Kewal</u>	Date:-	<u>11-10-23</u>
Employee id :-		Date of Joining:-	
Department:-	<u>Production</u>		
Age:-	<u>27</u>	Sex:-	<u>M</u>

## PHYSICAL EXAMINATION

Height :-	<u>168</u>	cms	Weight :-	<u>76</u>	kgs	Chest(Exp/Insp)	<u>94/97</u>
Abdomen :-	<u>93</u>	cms	BMI :-	<u>28.9</u>			
Blood Pressure :-	<u>120/80</u>	mm/hg	Pulse Rate :-	<u>84</u>			/min
Identification Mark :-	<u>mole on face</u>			<u>SpO2 100%</u>			

## PAST HISTORY (Declaration By Candidate)

Major Complaints/Medical & Surgical History :-	<u>NO</u>
Current Medication :-	<u>NO</u>
Family History :-	<u>NO</u>
Drug Allergies :-	<u>NO</u>

## SYSTEMIC EXAMINATION

R.S. :-	<u>clear</u>	C.V.S. :-	<u>SI - CA</u>
C.N.S. :-	<u>WNL</u>	P/A :-	<u>WNL</u>
Inj. TT -		Inj. Typhoid :-	
ECG -	<input checked="" type="checkbox"/>	Audio -	<input checked="" type="checkbox"/>
PFT -	<input checked="" type="checkbox"/>	Lab -	<input checked="" type="checkbox"/>

## EYE VISION

Distant Vision	Left Eye	<u>Normal</u>	Right Eye	<u>Normal</u>
Near Vision	Left Eye	<u>Normal</u>	Right Eye	<u>Normal</u>
Colour Blindness	Left Eye	<u>Normal</u>	Right Eye	<u>Normal</u>

Dr. Sameer S. Kulkarni

Kulkarni Medical Foundation Pyramid Hospital

Daund, Dist. Pune 413801

Authorised Certifying Surgeon No. ACSR/SK/2019

(As per Section 19(2) of the Factories Act, 1947)

For Period Dated From 15 Sept 2023 to 14 Sept 2024

Dr. Sameer Kulkarni

M.S.

A.F.I.H.

PYRAMID HOSPITAL

DAUND

Fit For duty



Kulkarni Medical Foundation's

# Pyramid Laboratory



Pyramid Hospital, Sahakar Chowk, Daund.413 801.(Pune.) Mob.- 9921217803, 8421939551.

NAME: MR.RAKESH R KEWAL

AGE/SEX 27/M

COMPANY: SHOGUN ORGANICS LIMITED

DATE: 11.10.2023

## HEMOGRAM PROFILE

TEST	PATIENT'S VALUE	NORMAL VALUE
Haemoglobin	12.6 gm %	M:11-16 gm% F 11-14gm%
Total RBC Count	5.08 x10 <sup>6</sup> /ul	M: 3.5 - 6.5 f 3.6-5.6
Total WBC Count	6900/ cu mm	4,000 to 10,000/cumm
Platelet Count	2,33,000 /cu mm	1,50,000 to 4,50,000/cumm
HCT	41.6 %	37-54 %
MCV	82 fl	80-100 fl
MCH	24 pg	27-34 pg
MCHC	30 g/dl	32-36 g/dl
<b>DIFFERENTIAL LEUCOCYTES COUNT</b>		
Polymorphs	53 %	40 to 70 %
Lymphocytes	35 %	20 to 40 %
Eosinophils	01 %	1 to 5 %
Monocytes	11 %	1 to 6 %
Basophils	00 %	0 to 1%
ESR	03	0-20MM/HR

## BIOCHEMISTRY

BSL	81 mg/dl	70-140 mg/dl
CREATININE	0.8 mg/dl	0.5-1.5mg/dl
SR CHOLESTROL	151 mg/dl	130-250 mg/dl
SGOT	22 u/l	upto 37
SGPT	27 u/l	upto 37

## URINE ANALYSIS

### PHYSICAL EXAMINATION

1)Appearance	Clear
2) colour	Colourless

### CHEMICAL EXAMINATION

Reaction	Acidic
Protein	Nil
Sugar	Nil
Bile salt/pigment	Nil
Ketone bodies	Nil
PH	6
SP Gravity	1.027

### MICROSCOPIC EXAMINATION

Red blood cells	Notseen
Pus cells	1-3/hpf
Epithelial cell	1-2/hpf
Crystal	Notseen
Cast	Notseen

END OF REPORT

Mrs. Sharda M. Baldota  
D. T. 11/10/2023 (11:01)  
Pyramid Hospital  
Daund



# PYRAMID HOSPITAL DAUND

DAUND

PH. 020177086278

## FVC TEST REPORT

ID No. : 05

Patient Name : MR. RAJKESH R. KEWAL

Age(yrs.) : 27 Sex: M

Weight(Kg): 62

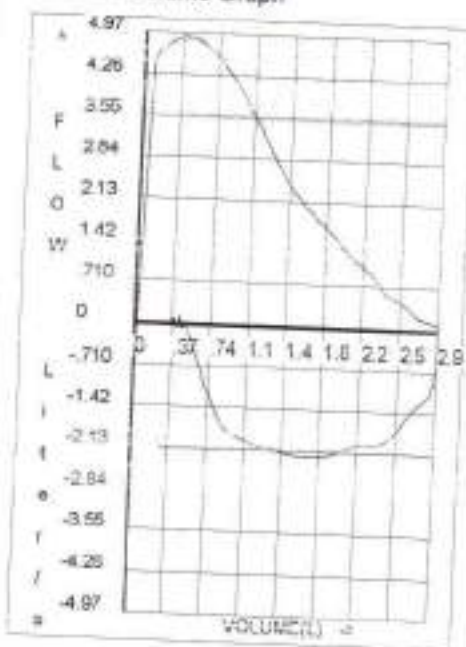
Report Date: 11-10-2023

Eth. Corr.(%): 80

Height(cm): 168 BSA(m<sup>2</sup>): 1.7

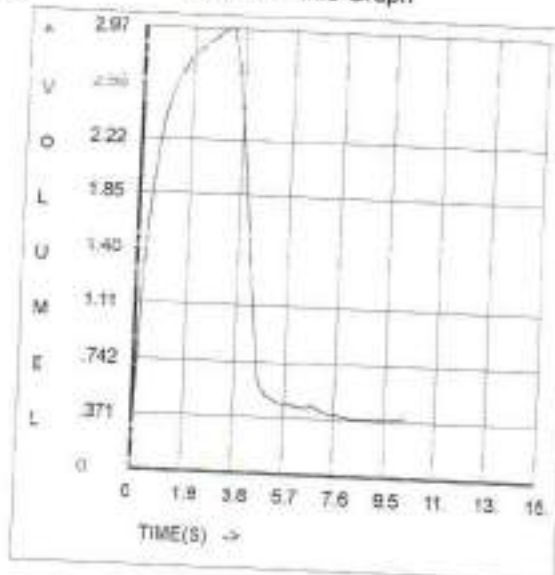
Indications  
Comments

Flow / Volume Graph



FVC GRAPHS

Volume / Time Graph



## TEST RESULTS

Date of Test ->	11/10/2023		
Time of Test ->	11:24:39		
Parameter (U)	Pred.	Pre	%Pred
FVC (L)	3.708	2.571	80.12
FEV0.5 (L)		1.812	
FEV0.5/FVC (%)		60.98	
FEV1 (L)	2.151	2.422	79.11
FEV1/FVC (%)	82.35	81.81	98.10
FEV3 (L)		0	
FEV1/FEV3		0	
FEV3/FVC (%)		0	
TET100% (s)		3.37	
FEV3 (L)		2.944	
FEV3/FVC (%)		99.10	
PEF (L/s)	7.443	4.973	66.81
FEF0.2-1.2 (L/s)		4.588	
FEF25% (L/s)	5.336	4.795	75.89
FEF50% (L/s)	4.144	2.575	62.11
FEF75% (L/s)	1.874	1.155	61.63
FEF25-75% (L/s)	3.839	2.265	58.99
FEF75-85% (L/s)		0.751	
MET (s)		0.01	
FVC (L)		2.491	
FEV0.5 (L)		0.888	
FEV0.5/FVC (%)		34.75	
FEV1 (L)		1.001	
FEV1/FVC (%)		77.54	
FEV3 (L)		0	
FEV3/FVC (%)		0	
PIFR (L/s)		2.22	
PIF0.2-1.2 (L/s)		1.955	
PIF50% (L/s)		2.220	
PIF25-75% (L/s)		2.122	
IT (s)		2.11	

*[Signature]*

Dr. Sameer S. Kulkarni

INTERPRETATION: Mild Obs ESA Obs

This may be clinically co-related.

Medical Foundation Pyramid Hospital  
Daund, Dist. Pune 413301

Authorised Certifying Surgeon No. AC524-SK/2019

(As per Section 10(2) of the Factories Act, 1948.)  
For Pune District From 15 Sept 2023 to 14 Sept 2025

# PYRAMID HOSPITAL

A. H. SAHAKAR CHOWK, DAUND, PUNE  
AUDIOGRAM

Case No: Date: 11.10.2023

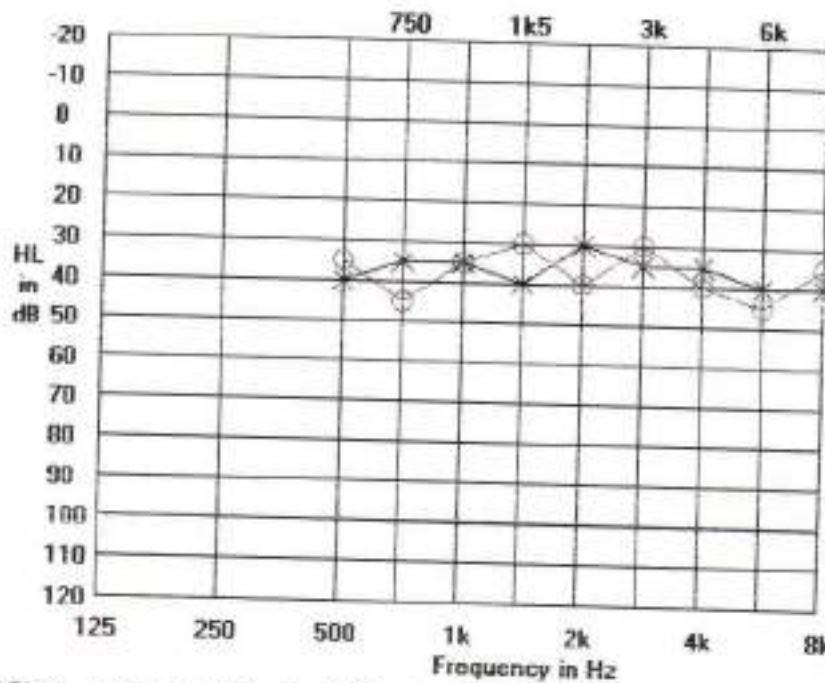
Patient's Name: MR RAJKESH R. KEWAL

Age: 27 Sex: M

Patient's Address:

Phone No:

Referred By: DR. SAMEER KULKARNI



ACL X ACR O BCL > BCR < ACLm ACRm BCLm BCRm

CURRENT FILE :

Interpretation: AUDIOMETRY WITHIN NORMAL LIMIT

Dr. Sameer S. Kulkarni

Kulkarni Medical Foundation Pyramid Hospital  
Daund, Dist. Pune 413501

Authorised Certifying Sub centre No. ACS14-SK/2019  
As per Section 17(2) of the Factories Act, 1947  
For valid period from 11 Sept 2023 to 14 Sept 2025



SO E5 RAJKESH R. KEWAL  
REFERENCE NO.:

Male 27 yrs 62.000 Kg 158 cms

11/10/2023 11:15

MEDICATIONS :

HR = 70 bpm  
BP = 0/0 mmHg

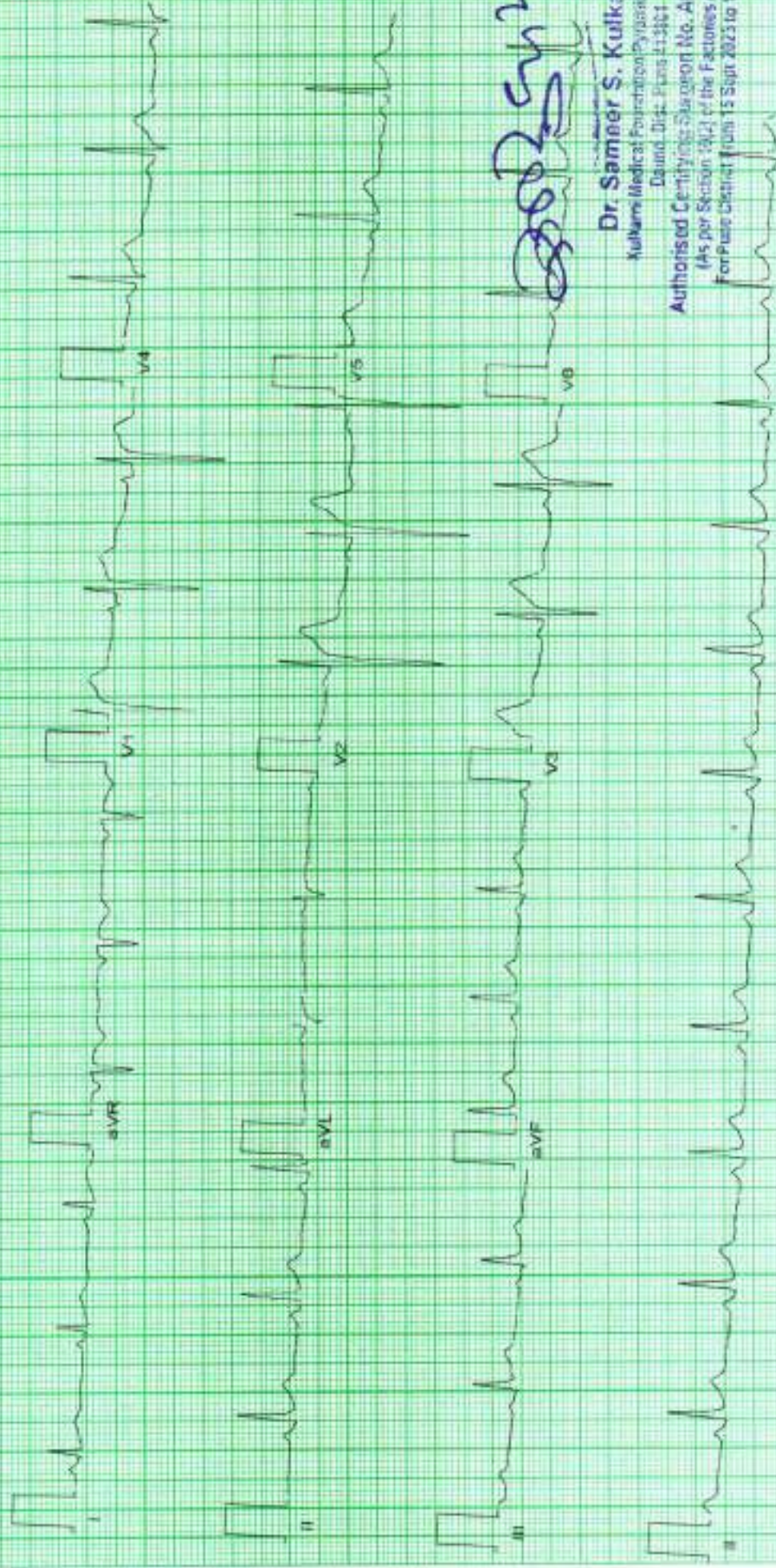
P = 41°  
QRS = 59°  
T = 53°

PR = 159 ms  
Pd = 132 ms  
QRS = 72 ms

UNCONFIRMED COMPUTERISED ANALYSIS :  
Sinus rhythm.  
Apparently Normal ECG.

QT = 370 ms  
QTc = 401 ms

IMPRESSIONS:



Dr. Sameer S. Kulkarni

Kulkarni Medical Foundation Pyramid Hospital

Daund, Dist. Pune-412201

Authorised Certifying Signature No. ACS24-SK/2019

(As per Section 19(2) of the Factories Act, 1948.)

For Period Starting From 15 Sept 2023 to 14 Sept 2025



## **8.**

# **MIDC Water Bills**

<b>Maharashtra Industrial Development Corporation</b> (A Government of Maharashtra Undertaking) (Issued Subject to MIDC's water Supply Regulation 1973) <b>Water Bill</b>		GSTIN: 27AAACM3560C1ZV    Original for recipient PAN NO: AAACM3560C    Duplicate for Supplier IRN NO: 51c4ca8f0ef13261ac88353b162ecfa33399c842c220c5988d3e922fad1533e8	
Cust/GSTIN/PANIN: 27AAACS6067N1ZU/AAACS6067N <b>Kurkumbh (Daud)</b>		Bill No :: S124000524778	
Consumer No:- DV007/52KUR/510		Month / Year :: October, 2023	
SHOGUN ORGANICS LTD.  M.I.D.C.Kurkumbh.	Consumer Type: 1C1	Meter Size: 40	Deposit Amt.
	Plot / Shed Area: 106,384.00	Min. Qty/ Day: 20.00	92,655.00
	Plot / Shed No: D-18	Min. Qty / Month:	ni/Addl/Pst St
	Block No:	Sanction Qty / day:	
	Zone: 10	Meter Status: Working	
	Cap. Contribution:	Stand Chg:	
Bcc: Yes    Office Order : E-000270 DT.10/12/2019dt: 10-12-2019 End Dt: Carpet Area: 0.00		CETP Dep	
CETP: No    Order No : MIDC/52 Dated : 01-09-2011			
Env: No    Builtup Area : 106,384.00		SSI : N    ETP : N    CETP : N    MPCB : N	

## Previous Balance	+	# Current Charges	=	Amount Due Before Due Date	DPC Amount	Due Date
0.00		204,874.00		204,874.00	2,182.00	20-11-2023

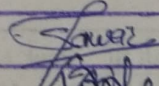
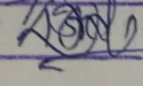
Meter No / Size	Previous		Current		Water Qty. Cub. Meter	Remarks (If Any)
	Reading	Date	Reading	Date		
52KUR-317 404	48977	30-09-2023	51940	31-10-2023	2963	
40						
	0    0.00		0    1.00		0    1.00	2022    0.00


Charges Code	REGULAR				
	CHARGES		DPC		
	CURRENT #	PREVIOUS ##	CURRENT # LAST MONTH	PREVIOUS ##	
CGST-Service Charge	2,394.00	0.00	0.00	0.00	998599 CGST @ 9.00%
SGST-Service Charge	2,394.00	0.00	0.00	0.00	998599 SGST @ 9.00%
CGST-Fire Charge	1,596.00	0.00	0.00	0.00	999126 CGST @ 9.00%
SGST-Fire Charge	1,596.00	0.00	0.00	0.00	999126 SGST @ 9.00%
CGST-Drainage Charge	1,467.00	0.00	0.00	0.00	999490 CGST @ 9.00%
SGST-Drainage Charge	1,467.00	0.00	0.00	0.00	999490 SGST @ 9.00%
CGST-CETP Run by	4,445.00	0.00	0.00	0.00	999433 CGST @ 9.00%
SGST-CETP Run by	4,445.00	0.00	0.00	0.00	999433 SGST @ 9.00%
Water Charges_L	50,371.00	0.00	0.00	0.00	2201 GST @ 0.00% 17.00*2.963.00*1
Service Charges	26,596.00	0.00	0.00	0.00	998599 GST @ 12.00% (Pb = 106,384.00 * R = 3.00 * FSI = 1.50) / 12
Fire Charges	17,731.00	0.00	0.00	0.00	999126 GST @ 12.00% (106,384.00 * 2.00) / 12
Drainage Charges	16,297.00	0.00	0.00	0.00	999490 GST @ 12.00% Wt = 2,963.00 * R = 5.50
CETP Run By MIDC	74,075.00	0.00	0.00	0.00	999433 GST @ 12.00% R = 25.00*2.963.00*100.00%
<b>TOTAL</b>	<b>204,874.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	

<b>LAST PAYMENT DETAILS</b> Rcpt. No    Date 24KUR00001070, 25-10-2023, 196,685.00	 <b>DEPUTY ENGINEER M.I.D.C.</b>
Rupees : Two Lakh Four Thousand Eight Hundred and Seventy Four Only For Online Payment visit MIDC web site <a href="http://www.midcindia.org">www.midcindia.org</a> and use Consumer No. DV007/52KUR/510	Cheque / DD/ PO should be drawn in favour of Executive Engineer MIDC, Baramati Payment Timings : 10:30:00 am to 01:30:00 pm, Sundays and Public Holidays. For any queries, contact Deputy Engineer, MIDC, Phone No. GST No.

- \* Please submit your official GST No., email and phone no while paying this bill at receipt counter.
- \* If the bill is not paid before the due date, DPC Amount will be levied in the subsequent month bill
- \* All Online, NEFT/RTGS payments shall be made through MIDC's Web Site only.

SHOGUN	Date:	Name:	Sign:
GRN No: _____			
MODVAT Copy Recd:			
Bill Received:	<del>07/11/23</del> 07/11/23	Santosh Pawar	
Checked By:	07/11/23	Santosh Kumar Penda	
Approved By:			
Entered By:			
Cheque No:			
Cheque Date:			
Cheque Amount:			
Sign.			
Remark - MIDC water Bill - oct-2023			

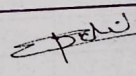



 <b>Maharashtra Industrial Development Corporation</b> (A Government of Maharashtra Undertaking) (Issued Subject to MIDC's water Supply Regulation 1973) Water Bill		GSTIN: 27AAACM3560C1ZV PAN NO: AAACM3560C IRN NO: 76edearf360b19eb23b5f248200eb829a766075b3135fe66a8bd253afc2f8214b		Original for receipt Duplicate for Supplier	
CustGSTIn/PANIN: 27AAACS6067N1ZU/AAACS6067N <b>Kurkumbh (Daud)</b> Consumer No:- DV007/52KUR/510 Issued Date :: 08-12-2023		Bill No :: SI24000616405 Month / Year :: November,2023			
<b>SHOGUN ORGANICS LTD.</b>  M.I.D.C.Kurkumbh.		Consumer Type: 1C1 Plot / Shed Area: 106.384.00 Plot / Shed No: D-18 Block No: Zone: 10 Cap. Contribution:		Meter Size: 40 Min. Qty/ Day: 20.00 Min. Qty / Month: Sanction Qty / day: Meter Status: Working Stand Chg:	
Bcc: Yes CETP: No Env: No		Office Order : E-000270 DT.10/12/2019dt: 10-12-2019 End Dt:CarpetArea: 0.00 Order No : MIDC\52 Dated : 01-09-2011 Builtup Area : 106,384.00		CETP Dep SSI : N ETP : N CETP : N MPCB : N	

## Previous Balance	+	# Current Charges	=	Amount Due Before Due Date	DPC Amount	Due Date
204,874.00		220,596.00		425,470.00	4,559.00	22-12-2023

Meter No / Size	Previous		Current		Water Qty. Cub. Meter	Remarks (If Any)
	Reading	Date	Reading	Date		
52KUR~317 404	51940	31-10-2023	55166	30-11-2023	3226	
40						
	0 0.00		0 1.00		0 1.00	2022 0.00

Charges Code	REGULAR				
	CHARGES		DPC		
	CURRENT #	PREVIOUS ##	CURRENT # LAST MONTH	PREVIOUS ##	
					998599 CGST @9.00%
CGST-Service Charge	2,394.00	2,394.00	0.00	0.00	998599 SGST @9.00%
SGST-Service Charge	2,394.00	2,394.00	0.00	0.00	999126 CGST @9.00%
CGST-Fire Charge	1,596.00	1,596.00	0.00	0.00	999126 SGST @9.00%
SGST-Fire Charge	1,596.00	1,596.00	0.00	0.00	999490 CGST @9.00%
CGST-Drainage Charge	1,597.00	1,467.00	21.00	0.00	999490 SGST @9.00%
SGST-Drainage Charge	1,597.00	1,467.00	21.00	0.00	999433 CGST @6.00%
CGST-CETP Run by MIDC	4,839.00	4,445.00	64.00	0.00	999433 SGST @6.00%
SGST-CETP Run by MIDC	4,839.00	4,445.00	64.00	0.00	2201 GST @ 0.00% 17.00*3,226.00*1
Water Charges_L	54,842.00	50,371.00	720.00	0.00	998599 GST @ 18.00% (PIK = 106,384.00 * RI = 3.00 * FSI = 1.00) / 12
Service Charges	26,596.00	26,596.00	0.00	0.00	999126 GST @ 18.00% (106,384.00 * 2.00)/12
Fire Charges	17,731.00	17,731.00	0.00	0.00	999490 GST @ 18.00% Wtr = 3,226.00 * RI = 5.50
Drainage Charges	17,743.00	16,297.00	233.00	0.00	999433 GST @ 12.00% RI = 25.00*3,226.00*100.00%
CETP Run By MIDC	80,650.00	74,075.00	1,059.00	0.00	
TOTAL	218,414.00	204,874.00	2,182.00	0.00	

<b>LAST PAYMENT DETAILS</b> Rcpt. No 24KUR00001070, 25-10-2023, 196,685.00	Date		
Rupees : Four Lakh Twenty Five Thousand Four Hundred and Seventy Only For Online Payment visit MIDC web site www.midcindia.org and use Consumer No. DV007/52KUR/510		<b>DEPUTY ENGINEER M.I.D.C.</b> Cheque / DD/ PO should be drawn in favour of Executive Engineer MIDC, Baramati Payment Timings : 10:30:00 am to 01:30:00 pm, Sundays and Public Holidays. For any queries, contact Deputy Engineer, MIDC, Phone No. GST No. ....	

- \* Please submit your official GST No., email and phone no while paying this bill at receipt counter.
- \* If the bill is not paid before the due date, DPC Amount will be levied in the subsequent month bill
- \* All Online, NEFT/RTGS payments shall be made through MIDC's Web Site only.

425470  
 - 204874  
 -----  
 220596  
 Bill NOV-2023





**Maharashtra Industrial Development Corporation**  
(A Government of Maharashtra Undertaking)  
(Issued Subject to MIDC's water Supply Regulation 1973)  
Water Bill

GSTIN: 27AAACM3560C1ZV  
PAN NO: AAACM3560C

Original for receipt  
Duplicate for Supplier

IRN NO: 7a829e026408397af3953420c15496740ab4c702a7e439d62c12a3dadb03f3a3

CustGSTIn/PANIN: 27AAACS6067N1ZU/AAACS6067N **Kurkumbh (Daud)**

Bill No :: SI24000667189

Consumer No:- DV007/52KUR/510

Issued Date :: 05-01-2024

Month / Year :: December,2023

SHOGUN ORGANICS LTD.

Consumer Type: 1C1

Plot / Shed Area: 106.384.00

Plot / Shed No: D-18

Block No:

Zone: 10

Cap. Contribution:

Meter Size: 40

Min. Qty/ Day: 20.00

Min. Qty / Month:

Sanction Qty / day:

Meter Status: Working

Stand Chg:

Deposit Amt.

92,655.00

nit/Addr./Ref St

M.I.D.C.Kurkumbh.

Bcc: Yes Office Order : E-000270 DT.10/12/2019dt: 10-12-2019 End Dt:CarpetArea: 0.00  
CETP: No Order No : MIDC\52 Dated : 01-09-2011

CETP Dep

Env: No Builtup Area : 106,384.00 SSI : N ETP : N CETP : N MPCB : N

## Previous Balance	+	# Current Charges	=	Amount Due Before Due Date	DPC Amount	Due Date
0.00		187,520.00		187,520.00	1,934.00	19-01-2024

Meter No / Size	Previous		Current		Water Qty. Cub. Meter	Remarks (If Any)
	Reading	Date	Reading	Date		
52KUR~317 404	55166	30-11-2023	57792	31-12-2023	2626	
40						
0 0.00		0 1.00		0 1.00	2022 0.00	

Charges Code	REGULAR				
	CHARGES		DPC		
	CURRENT #	PREVIOUS ##	CURRENT # LAST MONTH	PREVIOUS ##	
CGST-Service Charge	2,394.00	0.00	0.00	0.00	998599 CGST @9.00%
SGST-Service Charge	2,394.00	0.00	0.00	0.00	998599 SGST @9.00%
CGST-Fire Charge	1,596.00	0.00	0.00	0.00	999126 CGST @9.00%
SGST-Fire Charge	1,596.00	0.00	0.00	0.00	999126 SGST @9.00%
CGST-Drainage Charge	1,300.00	0.00	0.00	0.00	999490 CGST @9.00%
SGST-Drainage Charge	1,300.00	0.00	0.00	0.00	999490 SGST @9.00%
CGST-CETP Run by MIDC	3,939.00	0.00	0.00	0.00	999433 CGST @6.00%
SGST-CETP Run by MIDC	3,939.00	0.00	0.00	0.00	999433 SGST @6.00%
Water Charges_L	44,642.00	0.00	0.00	0.00	2201 GST @ 0.00% 17.00*2,626.00*1
Service Charges	26,596.00	0.00	0.00	0.00	998599 GST @ 18.00% (PIL = 106,384.00 * Rt = 3.00 * FSI = 1.00) / 12
Fire Charges	17,731.00	0.00	0.00	0.00	999126 GST @ 18.00% (106,384.00 * 2.00)/12
Drainage Charges	14,443.00	0.00	0.00	0.00	999490 GST @ 18.00% Wtr = 2,626.00 * Rt = 5.50
CETP Run By MIDC	65,650.00	0.00	0.00	0.00	999433 GST @ 12.00% rt= 25.00*2,626.00*100.00%
TOTAL	187,520.00	0.00	0.00	0.00	

**LAST PAYMENT DETAILS**

Recpt. No

Date

24KUR00001341, 15-12-2023, 220,596.00  
24KUR00001298, 12-12-2023, 204,874.00

**DEPUTY ENGINEER M.I.D.C.**

Rupees : One Lakh Eighty Seven Thousand Five Hundred and Twenty Only

For Online Payment visit MIDC web site [www.midcindia.org](http://www.midcindia.org) and use Consumer No. DV007/52KUR/510

Cheque / DD/ PO should be drawn in favour of  
Executive Engineer MIDC, Baramati  
Payment Timings : 10:30:00 am to 01:30:00 pm,  
Sundays and Public Holidays. For any queries, contact Deputy  
Engineer, MIDC, Phone No. GST No. ....

\* Please submit your official GST No., email and phone no while paying this bill at receipt counter.



<b>Maharashtra Industrial Development Corporation</b> (A Government of Maharashtra Undertaking) (Issued Subject to MIDC's water Supply Regulation 1973) <b>Water Bill</b>		GSTIN: 27AAACM3560C1ZV PAN NO: AAACM3560C Original for receipt Duplicate for Supplier																																																																																																						
IRN NO: 7f343a79e5b6d18060e86de24d77812037f1011a73058198c2388ff970701b79		Bill No :: SI24000744650																																																																																																						
CustGSTIn/PANIN: 27AAACS6067N1ZU/AAACS6067N <b>Kurkumbh (Daud)</b> Consumer No:- DV007/52KUR/510		Issued Date :: 09-02-2024 Month / Year :: January, 2024																																																																																																						
SHOGUN ORGANICS LTD.  MIDC Kurkumbh.	Consumer Type: 1C1 Plot / Shed Area: 106.384.00 Plot / Shed No: <b>D-18</b> Block No: Zone: 10 Cap. Contribution:	Meter Size: 40 Min. Qty/ Day: 20.00 Min. Qty / Month: Sanction Qty / day: Meter Status: Working Stand Chg:	Deposit Amt. 92,655.00  nit/Addl./Ref SI																																																																																																					
Bcc: Yes Office Order : E-000270 DT.10/12/2019dt: 10-12-2019 End Dt CarpetArea: 0.00 CETP Dep CETP: No Order No : MIDC\52 Dated : 01-09-2011 Env: No Builtup Area : 106,384.00 SSI : N ETP : N CETP : N MPCB : N																																																																																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">## Previous Balance</td> <td style="width: 5%;">+</td> <td style="width: 15%;"># Current Charges</td> <td style="width: 5%;">=</td> <td style="width: 15%;">Amount Due Before Due Date</td> <td style="width: 15%;">DPC Amount</td> <td style="width: 15%;">Due Date</td> </tr> <tr> <td style="text-align: center;">0.00</td> <td></td> <td style="text-align: center;">169,242.00</td> <td></td> <td style="text-align: center;">169,242.00</td> <td style="text-align: center;">1,673.00</td> <td style="text-align: center;">23-02-2024</td> </tr> </table>				## Previous Balance	+	# Current Charges	=	Amount Due Before Due Date	DPC Amount	Due Date	0.00		169,242.00		169,242.00	1,673.00	23-02-2024																																																																																							
## Previous Balance	+	# Current Charges	=	Amount Due Before Due Date	DPC Amount	Due Date																																																																																																		
0.00		169,242.00		169,242.00	1,673.00	23-02-2024																																																																																																		
Meter No / Size  52KUR~317 404  40	Previous Reading 57792	Date 31-12-2023	Current Reading 60063	Date 31-01-2024	Water Qty. Cub. Meter 2271	Remarks (If Any)																																																																																																		
0 0.00		0 1.00		0 1.00		2023 0.00																																																																																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th rowspan="3" style="width: 15%;">Charges Code</th> <th colspan="4" style="text-align: center;">REGULAR</th> <th rowspan="3"></th> </tr> <tr> <th colspan="2" style="text-align: center;">CHARGES</th> <th colspan="2" style="text-align: center;">DPC</th> </tr> <tr> <th style="text-align: center;">CURRENT #</th> <th style="text-align: center;">PREVIOUS ##</th> <th style="text-align: center;">CURRENT # LAST MONTH</th> <th style="text-align: center;">PREVIOUS ##</th> </tr> <tr> <td>CCST-Service Charge</td> <td style="text-align: right;">2,394.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>998599 CGST @9.00%</td> </tr> <tr> <td>SGST-Service Charge</td> <td style="text-align: right;">2,394.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>998599 SGST @9.00%</td> </tr> <tr> <td>CGST-Fire Charge</td> <td style="text-align: right;">1,596.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>999126 CGST @9.00%</td> </tr> <tr> <td>SGST-Fire Charge</td> <td style="text-align: right;">1,596.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>999126 SGST @9.00%</td> </tr> <tr> <td>CGST-Drainage Charge</td> <td style="text-align: right;">1,124.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>999490 CGST @9.00%</td> </tr> <tr> <td>SGST-Drainage Charge</td> <td style="text-align: right;">1,124.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>999490 SGST @9.00%</td> </tr> <tr> <td>CCST-CETP Run by</td> <td style="text-align: right;">3,407.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>999433 CGST @6.00%</td> </tr> <tr> <td>SGST-CETP Run by</td> <td style="text-align: right;">3,407.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>999433 SGST @6.00%</td> </tr> <tr> <td>Water Charges_L</td> <td style="text-align: right;">38,607.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>2201 GST @ 0.00% 17.00*2,271.00*1</td> </tr> <tr> <td>Service Charges</td> <td style="text-align: right;">26,596.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>998599 GST @ 18.00% (Plt = 106.384.00 * Rt = 3.00 * FSI = 1.00) / 12</td> </tr> <tr> <td>Fire Charges</td> <td style="text-align: right;">17,731.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>999126 GST @ 18.00% (106.384.00 * 2.00)/12</td> </tr> <tr> <td>Drainage Charges</td> <td style="text-align: right;">12,491.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>999490 GST @ 18.00% Wtr = 2,271.00 * Rt = 5.50</td> </tr> <tr> <td>CETP Run By MIDC</td> <td style="text-align: right;">56,775.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.00</td> <td>999433 GST @ 12.00% rt= 25.00*2,271.00*100.00*%</td> </tr> <tr> <td><b>TOTAL</b></td> <td style="text-align: right;"><b>169,242.00</b></td> <td style="text-align: right;"><b>0.00</b></td> <td style="text-align: right;"><b>0.00</b></td> <td style="text-align: right;"><b>0.00</b></td> <td></td> </tr> </table>							Charges Code	REGULAR					CHARGES		DPC		CURRENT #	PREVIOUS ##	CURRENT # LAST MONTH	PREVIOUS ##	CCST-Service Charge	2,394.00	0.00	0.00	0.00	998599 CGST @9.00%	SGST-Service Charge	2,394.00	0.00	0.00	0.00	998599 SGST @9.00%	CGST-Fire Charge	1,596.00	0.00	0.00	0.00	999126 CGST @9.00%	SGST-Fire Charge	1,596.00	0.00	0.00	0.00	999126 SGST @9.00%	CGST-Drainage Charge	1,124.00	0.00	0.00	0.00	999490 CGST @9.00%	SGST-Drainage Charge	1,124.00	0.00	0.00	0.00	999490 SGST @9.00%	CCST-CETP Run by	3,407.00	0.00	0.00	0.00	999433 CGST @6.00%	SGST-CETP Run by	3,407.00	0.00	0.00	0.00	999433 SGST @6.00%	Water Charges_L	38,607.00	0.00	0.00	0.00	2201 GST @ 0.00% 17.00*2,271.00*1	Service Charges	26,596.00	0.00	0.00	0.00	998599 GST @ 18.00% (Plt = 106.384.00 * Rt = 3.00 * FSI = 1.00) / 12	Fire Charges	17,731.00	0.00	0.00	0.00	999126 GST @ 18.00% (106.384.00 * 2.00)/12	Drainage Charges	12,491.00	0.00	0.00	0.00	999490 GST @ 18.00% Wtr = 2,271.00 * Rt = 5.50	CETP Run By MIDC	56,775.00	0.00	0.00	0.00	999433 GST @ 12.00% rt= 25.00*2,271.00*100.00*%	<b>TOTAL</b>	<b>169,242.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
Charges Code	REGULAR																																																																																																							
	CHARGES		DPC																																																																																																					
	CURRENT #	PREVIOUS ##	CURRENT # LAST MONTH	PREVIOUS ##																																																																																																				
CCST-Service Charge	2,394.00	0.00	0.00	0.00	998599 CGST @9.00%																																																																																																			
SGST-Service Charge	2,394.00	0.00	0.00	0.00	998599 SGST @9.00%																																																																																																			
CGST-Fire Charge	1,596.00	0.00	0.00	0.00	999126 CGST @9.00%																																																																																																			
SGST-Fire Charge	1,596.00	0.00	0.00	0.00	999126 SGST @9.00%																																																																																																			
CGST-Drainage Charge	1,124.00	0.00	0.00	0.00	999490 CGST @9.00%																																																																																																			
SGST-Drainage Charge	1,124.00	0.00	0.00	0.00	999490 SGST @9.00%																																																																																																			
CCST-CETP Run by	3,407.00	0.00	0.00	0.00	999433 CGST @6.00%																																																																																																			
SGST-CETP Run by	3,407.00	0.00	0.00	0.00	999433 SGST @6.00%																																																																																																			
Water Charges_L	38,607.00	0.00	0.00	0.00	2201 GST @ 0.00% 17.00*2,271.00*1																																																																																																			
Service Charges	26,596.00	0.00	0.00	0.00	998599 GST @ 18.00% (Plt = 106.384.00 * Rt = 3.00 * FSI = 1.00) / 12																																																																																																			
Fire Charges	17,731.00	0.00	0.00	0.00	999126 GST @ 18.00% (106.384.00 * 2.00)/12																																																																																																			
Drainage Charges	12,491.00	0.00	0.00	0.00	999490 GST @ 18.00% Wtr = 2,271.00 * Rt = 5.50																																																																																																			
CETP Run By MIDC	56,775.00	0.00	0.00	0.00	999433 GST @ 12.00% rt= 25.00*2,271.00*100.00*%																																																																																																			
<b>TOTAL</b>	<b>169,242.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>																																																																																																				

<b>LAST PAYMENT DETAILS</b> 24KUR00001538, 16-01-2024, 187,520.00	Rcpt. No Date		
Rupees : One Lakh Sixty Nine Thousand Two Hundred and Forty Two Only		<b>DEPUTY ENGINEER M.I.D.C.</b>	
For Online Payment visit MIDC web site <a href="http://www.midcindia.org">www.midcindia.org</a> and use Consumer No. DV007/52KUR/510		Cheque / DD/ PO should be drawn in favour of Executive Engineer MIDC, Baramati Payment Timings : 10.30.00 am to 01.30.00 pm, Sundays and Public Holidays. For any queries, contact Deputy Engineer MIDC, Baramati.	



**CustGSTIn/PANIN: 27AAACS6067N1ZU/AAACS6067N**  
**Consumer No:- DV007/52KUR/510**

**Kurkumbh (Daud)**  
**Issued Date :: 11-03-2024**

**Bill No :: SI24000828138**  
**Month / Year :: February,2024**

**SHOGUN ORGANICS LTD.**  
**M.I.D.C.Kurkumbh.**

**Consumer Type: 1C1**  
**Plot / Shed Area: 106.384.00**  
**Plot / Shed No: D-18**  
**Block No:**  
**Zone: 10**  
**Cap. Contribution:**

**Meter Size: 40**  
**Min. Qty/ Day: 20.00**  
**Min. Qty / Month:**  
**Sanction Qty / day:**  
**Meter Status: Working**  
**Stand Chg:**

**Deposit Amt.**  
**92,655.00**  
**nit/Addl./Ref St**

**Bcc: Yes**  
**CETP: No**  
**Env: No**

**Office Order : E-000270 DT.10/12/2019dt: 10-12-2019 End Dt:CarpetArea: 0.00**  
**Order No : MIDC\52 Dated : 01-09-2011**  
**Builtup Area : 106,384.00**

**SSI : N**  
**ETP : N**  
**CETP : N**  
**MPCB : N**

**CETP Dep**

**## Previous Balance**  
**0.00**

**# Current Charges**  
**296,507.00**

**=**

**Amount Due Before Due Date**  
**296,507.00**

**DPC Amount**  
**2,371.00**

**Due Date**  
**25-03-2024**

Meter No / Size	Previous		Current		Water Qty. Cub. Meter	Remarks (If Any)
	Reading	Date	Reading	Date		
52KUR~317 404	60063	31-01-2024	63282	29-02-2024	3219	
40						
	0	0.00	0	1.00	0	1.00

Charges Code	REGULAR				
	CHARGES		DPC		
	CURRENT #	PREVIOUS ##	CURRENT # LAST MONTH	PREVIOUS ##	
CGST-Service Charge	2,394.00	0.00	0.00	0.00	998599 CGST @9.00%
SGST-Service Charge	2,394.00	0.00	0.00	0.00	998599 SGST @9.00%
CGST-Fire Charge	1,596.00	0.00	0.00	0.00	999126 CGST @9.00%
SGST-Fire Charge	1,596.00	0.00	0.00	0.00	999126 SGST @9.00%
CGST-Drainage Charge	1,593.00	0.00	16.00	0.00	999490 CGST @9.00%
SGST-Drainage Charge	1,593.00	0.00	16.00	0.00	999490 SGST @9.00%
CGST-CETP Run by	4,829.00	0.00	49.00	0.00	999433 CGST @6.00%
SGST-CETP Run by	4,829.00	0.00	49.00	0.00	999433 SGST @6.00%
MIDC Water Charges_L	54,723.00	0.00	552.00	0.00	2201 GST @ 0.00% 17.00*3,219.00*1
Service Charges	26,596.00	0.00	0.00	0.00	998599 GST @ 18.00% (Plt = 106.384.00 * Rt = 3.00 * FSI = 1.00) / 12
Fire Charges	17,731.00	0.00	0.00	0.00	999126 GST @ 18.00% (106.384.00 * 2.00)/12
Drainage Charges	17,705.00	0.00	179.00	0.00	999490 GST @ 18.00% Wtr = 3.2*9.00 * Rt = 5.50
CETP Run By MIDC	80,475.00	0.00	812.00	0.00	999433 GST @ 12.00% rt= 25.00*3,219.00*100.00*%
Addl. Sec. Deposit	76,780.00	0.00	0.00	0.00	2201 GST @ 0.00%
TOTAL	294,834.00	0.00	1,673.00	0.00	

**LAST PAYMENT DETAILS**  
24KUR00001801, 26-02-2024, 169,242.00

**DEPUTY ENGINEER M.I.D.C.**

**Rupees : Two Lakh Ninety Six Thousand Five Hundred and Seven Only**

**For Online Payment visit MIDC web site www.midcindia.org and use Consumer No. DV007/52KUR/510**

**Cheque / DD/ PO should be drawn in favour of Executive Engineer MIDC,Baramati**  
**Payment Timings : 10:30:00 am to 01:30:00 pm,**  
**Sundays and Public Holidays. For any queries, contact Deputy Engineer, MIDC, Phone No. GST No.....**



\* Please submit your official GST No.,email and phone no while paying this bill at receipt counter.

\* If the bill is not paid before the due date, DPC Amount will be levied in the subsequent month bill

\* All Online, NEFT/RTGS payments shall be made through MIDC's Web Site only.



**9.**

## **EMP Cost break up**

**EMP Cost Breakup**  
**( October 2023 to March 2024 )**

Sr. No	Description	Capital Investment ( Rs. )	Recurring Expenses (Rs.)
1	Waste Water treatment & Hazardous Waste Management	15,540	1,34,822
2	Environment Compliance Report	3,28,040	--
3	Submersible Pump	38,500	--
4	Air Monitoring	--	17,700
5	Digital Electromagnetic Flow Meter maintenance	--	9,440
6	Annual subscription for software for Camera connectivity to CPCB Server	-	11,800
7	Fire & Safety ( First Aid Training)	17,500	--
8	Maintenance of Solar Lights supplied to nearby villages	--	2,35.817
9	Green Belt Development & Maintenance	23,900	1,53,694
10	Occupational Health Check-Up	--	42,000
11	Annual Subscription of GLens Software Connectivity to MPCB & CPCB Server.	--	29,500
13	Acid proof tiling work for Effluent Treatment Plant	3,05,342	--
	<b>TOTAL ( Rs. )</b>	<b>7,28,822</b>	<b>6,34,773</b>

**For Shogun Organics Ltd.**



**Authorised Signatory**

**10**

**EC**

**(Compliance Report)**





Dashboard |

Environment Clearance ▾

Forest Clearance ▾

Wildlife Clearance ▾

CRZ Clearance ▾

Go To  
Home

Logout

Welcome M V  
Hande,PP

Back

## View Compliance Report at Project Proponent

## Proposal Details

Proposal No	IA/MH/IND3/260306/2017	Category	Industrial Projects - 3		
Proposal Name	Proposed expansion of pesticides manufacturing & formulation unit by Shogun Organics Limited at Plot No. D-18, Kurkumbh MIDC, Taluka Daund, District Pune, Maharashtra-				
Plot / Survey/ Khasra No.		Village(s)		Sub-District(s)	
State	MAHARASHTRA	District	PUNE		
MoEF File No	J-11011/241/2017-IA II(I)	Name of the Entity/ Corporate Office	M.V. Hande	Entity's PAN	NA
Entity Name as per PAN	NA	Entity details mentioned above is correct ?	Agree		
Project KML	<a href="#">View on DSS</a>				

## Covering Letter

<b>Covering Letter</b>	NA
------------------------	----

## Compliance Reporting Details

**Reporting Year** 2023 **Reporting Period** 01 Dec(01 Apr - 30 Sep)

**Remark(if any)**

## Details of Production and Project Area

**Date of Commencement of Project/Activity** 15-06-2022

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	106384	106384
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0	0

## PRODUCTION CAPACITY

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Thiamethoxam Tech	Tons per Annum (TPA)	881 TPA	52.94 TPA	Format1.0/CAC/UAN No.0000152003/CO/2307000577	31-07-2027	25.718 TPA
2	Prallethrin Technical	Tons per Annum (TPA)	881 TPA	46.4 TPA	Format1.0/CAC/UAN No.0000152003/CO/2307000577	31-07-2027	9.251 TPA

**11**

**Form V  
(Environmental Statement)**





# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000060635

### Submitted Date

28-09-2023

## PART A

### Company Information

#### Company Name

Shogun Organics Limited

#### Application UAN number

100048318010

#### Address

Plot No. D-18, MIDC Kurkumbh,  
Tal. Daund, Dist. Pune,  
Pin-413802

#### Plot no

Plot No. D-18, MIDC Kurkumbh

#### Taluka

Daund

#### Village

Kurkumbh

#### Capital Investment (In lakhs)

4897

#### Scale

LSI

#### City

MIDC Kurkumbh

#### Pincode

413802

#### Person Name

M. V. Hande

#### Designation

Director

#### Telephone Number

9920183331

#### Fax Number

#### Email

mvhande@shogunorganics.com

#### Region

SRO-Pune I

#### Industry Category

Red

#### Industry Type

R22 Organic Chemicals manufacturing

#### Last Environmental statement submitted online

yes

#### Consent Number

Format 1.0/AS(T)UAN No.MPCB-  
CONSENT-0000114823/CR/2201000147

#### Consent Issue Date

2023-07-11

#### Consent Valid Upto

2027-07-31

#### Establishment Year

2008

#### Date of last environment statement submitted

Sep 27 2022 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

D-trans Allethrin Tech

#### Consent Quantity

46.4

#### Actual Quantity

14.196

#### UOM

MT/A

Tech. D-Allethrin (DL)

46.4

0.247

MT/A

Transfluthrin Technical

46.4

36.105

MT/A

Prallethrin Technical

46.4

9.251

MT/A

Permethrin Technical

46.4

23.004

MT/A

Bifenthrin Tech

46.4

34.105

MT/A

LV with 1.6% Transfluthrin(35/45ml)	108	13.262	MT/A
LV with0.88% Transfluthrin(35/45ml)	108	7.021	MT/A
Tebuconazole Tech	52.94	12.55	MT/A
Thiamethoxam Tech	52.94	25.718	MT/A
Bispyribac Sodium Tech	52.94	0.88	MT/A
Clodinafop propargyl Tech	52.94	5.965	MT/A
Dinotefuran Tech	52.94	10.55	MT/A
Heater machines	300000	202208	Nos./Y
Penoxsulam Tech	52.94	0.48	MT/A
Quizalofop Ethyl Tech	52.94	25.67	MT/A
Renofluthrin 5% MUP	360	0.17	MT/A
Lambda Cyhalothrin Tech	46.4	13.831	MT/A

**By-product Information**

<b>By Product Name</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
NA	0	0	MT/A

**Part-B (Water & Raw Material Consumption)**

**1) Water Consumption in m3/day**

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
	74.35	31.50
<b>Cooling</b>	191.31	80.00
<b>Domestic</b>	16.60	11.40
<b>All others</b>	173.88	60.00
<b>Total</b>	456.14	182.90

**2) Effluent Generation in CMD / MLD**

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade Effluent	56.71	30.5	CMD
Domestic/ Sewage	13.8	8.2	CMD

**2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)**

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Tech. D-Allethrin (DL)	2.0	2.2	
Transfluthrin Technical	2.6	1.86	
Prallethrin Technical	3.71	3.70	
Permethrin Technical	1.79	1.79	
D-Trans Allethrin Technical	2.557	2.55	
Bifenthrin	2.6	2.53	
LV with 1.6% Transfluthrin (35/45ml)	0	0	
LV with 0.88% Transfluthrin (35/45ml)	0	0	
Tebuconazole Tech	0	1.88	

Thiamethoxam Tech	0	3.6
Bispyribac Sodium Tech	0	0.158
Clodinafop propargyl Tech	0	9.8
Dinotefuran Tech	0	1.52
Heater machines	0	0
Penoxsulam Tech	0	0.067
Quizalofop Ethyl Tech	0	5.5
Renofluthrin 5% MUP	0	0.023
Lambda Cyhalothrin Tech	0	5.2

**3) Raw Material Consumption (Consumption of raw material per unit of product)**

<b><i>Name of Raw Materials</i></b>	<b><i>During the Previous financial Year</i></b>	<b><i>During the current Financial year</i></b>	<b><i>UOM</i></b>
Allethlone Alcohol	16.6	7.07	MT/A
R-Allethlone Alcohol	0.2	0.123	MT/A
Prallethlone Alcohol	6.8	9.60	MT/A
Toluene	21.1	139.066	MT/A
Cypermethric Acid Chloride	3.8	9.11	MT/A
Caustic Flakes	24.7	6.32	MT/A
Meta Phenoxy Benzyl Alcohol	4.8	1.569	MT/A
Ephedrine Hydrochloride	1.15	0.9	MT/A
HCL	10.3	8.4	MT/A
Cypermethric Acid	9.4	6.7	MT/A
Thionyl Chloride	8.4	4.0	MT/A
Potasssium Carbonate	6.5	4.94	MT/A
n-Hexane	1.2	3.41	MT/A
Bifenthrin alcohol	10.1	16.11	MT/A
cyclohexane	4.0	1.532	MT/A
Sodium carbonate	4	18.06	MT/A

**4) Fuel Consumption**

<b><i>Fuel Name</i></b>	<b><i>Consent quantity</i></b>	<b><i>Actual Quantity</i></b>	<b><i>UOM</i></b>
LDO	223015	8170	Ltr/A
HSD	54750	6400	Ltr/A
Briquette	5475	554.04	MT/A

**Part-C**

**Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)**

**[A] Water**

<b><i>Pollutants Detail</i></b>	<b><i>Quantity of Pollutants discharged (kL/day)</i></b>	<b><i>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</i></b>	<b><i>Percentage of variation from prescribed standards with reasons</i></b>	<b><i>Standard</i></b>	<b><i>Reason</i></b>
<b><i>Quantity</i></b>	<b><i>Concentration</i></b>	<b><i>%variation</i></b>			
TSS	100	34	NA	NA	NA



TDS	2100	1442	NA	NA	NA
pH 5.5-9.0	0	1442	NA	NA	NA
BOD	100	40	NA	NA	NA
Oil & Grease	10	5	NA	NA	NA
COD	250	115	NA	NA	NA
Sulphate	1000	288	NA	NA	NA
Chloride	600	66	NA	NA	NA

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>		
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>	<b>Standard</b>	<b>Reason</b>
SPM	150	55.4	NA	NA	NA

**Part-D**

**HAZARDOUS WASTES**

**1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
29.2 Sludge containing residual pesticides	3.49	0.823	MT/A
35.3 Chemical sludge from waste water treatment	1.67	3.277	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	515	203	Nos./Y

**2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	00	0	MT/A

**Part-E**

**SOLID WASTES**

**1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Scrap Paper & Garbage	793	845	Kg/Annum

**2) From Pollution Control Facilities**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
NA	0	0	Kg/Day
NA	0	0	SqMtr/D

**3) Quantity Recycled or Re-utilized within the unit**

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	Kg/Day
0	0	0	SqMtr/D

**Part-F**

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

### 1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	203	Nos./Y	0
29.2 Sludge containing residual pesticides	0.823	MT/A	0
35.3 Chemical sludge from waste water treatment	3.277	MT/A	0

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	MT/A	0

## Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
LDO Reduction w.r.t. last financial year	0	0	0	0	0	0
HSD Reduction w.r.t. last financial year	0	0	0	0	0	0

## Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

### [A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
LED solar street light fitted in Factory premises	LED solar street light fitted in factory premises	500000
Tree plantation of 2085 nos done in factory premises in July 2022	for gardening and reducing Carbon foot prints	1500000

### [B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Installation of ETP/MEE /RO for ZLD.	ACHIVE ZLD	50000000

## Part-I

Any other particulars for improving the quality of the environment.

### Particulars

M/s. Shogun Organics Ltd

### Name & Designation

M. V. Hande-Director

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000060635

**Submitted On:**

28-09-2023

**12.**

## **Public Liability Insurance**



CONTRACT OF INSURANCE

INSURED NAME: SHOGUN ORGANICS LIMITED



INSURER: IFFCO TOKIO General Insurance Company Limited

Policy Type - Public Liability - Act

Policy Period - ( 23/03/2023 to 22/03/2024 )

Servicing Branch :	DELHI EMERGING BROKER
Policy Issuing Office :	IFFCO TOKIO GEN INS CO LTD Delhi Commercial, 2 & 3 Floor, IFFCO House, 34 Nehru Place New Delhi NEHRU PLACE , DELHI - 110019
Issuing Office GSTIN :	07AAACI7573H1ZE
Corporate Office :	IFFCO TOKIO GEN INSU. CO. LTD. 4th - 5th Floor, IFFCO Towers Plot No 3, Sector 29, GURGAON (HARYANA) - 122001
Policy No :	41077689
Unique Invoice No :	41077689
Invoice Date :	25/03/2023
SAC :	997139
Intermediary Details :	TRUSTLINE INSURANCE BROKERS PV

Attaching & forming Part of policy no. 41077689

**Disclaimer:**

The issuance of this Insurance Policy is subject to satisfactory verification of KYC documentation of the Client/ Policyholder as per IRDAI Master Circular dated 1st August 2022 on AML/ CFT. In case, if any discrepancy is found in KYC Verification of the Client/ Policyholder, it is agreed by the Client/ Policyholder to complete/ rectify the discrepancy found in the KYC documents/information for the generation of CKYC Number, failing which the policy will be considered ineffective/suspended/ cancelled and no claim will be payable under this Insurance Policy.

Toll Free: 1-800-103-5499; SMS "claim" to 56161  
SAC Code: 9971  
Regd. Office: IFFCO SADAN, C1 Distt Centre, Saket, New Delhi -110017  
Corporate Identification Number (CIN) U74899DL2000PLC107621, IRDA Reg. No. 106  
Consolidated Stamp Duty Deposited as per the order of Government of National Capital Territory of Delhi

For IFFCO-Tokio General Insurance Company Limited



**Authorised Signatory**

Regd. Office : IFFCO Sadan  
C-1 Dist, Centre, Saket,  
New Delhi-110017  
CIN: U74899DL2000PLC107621

**POLICY FORM**  
(PUBLIC LIABILITY INSURANCE – ACT ONLY POLICY)

**1. OPERATIVE CLAUSE**

Whereas the Insured Owner, named in the Schedule hereto and carrying on business described in the said Schedule, has applied to IFFCO-TOKIO General Insurance Co. Ltd. (hereinafter called the Company) for the indemnity hereinafter contained and has made a written proposal and declaration which shall be the basis of this contract and is deemed to be incorporated herein and has paid the premium and statutory contribution towards the Environment Relief Fund as per the provisions of the Public Liability Insurance Act and the rules framed thereunder.

**NOW THIS POLICY WITNESSETH** that subject to the terms, exceptions and conditions contained herein or endorsed hereon, the company will indemnify the insured owner against the statutory liability arising out of accidents occurring during the currency of the policy due to handling hazardous substances as provided for in the said act and the rules framed thereunder.

**2. DEFINITIONS**

- a) "Act" unless otherwise specifically mentioned shall mean the Public Liability Insurance Act, 1991.
- b) "Accident" means an accident involving a fortuitous or sudden or unintentional occurrence while handling any hazardous substance resulting in continuous, intermittent or repeated exposure to death of, or injury to any person or damage to any property but does not include an accident by reason only of war or radio-activity.
- c) "Handling" in relation to any hazardous substance, means the manufacture, processing, treatment, package, storage, transportation by vehicle, use, collection, destruction, conversion, offering for sale, transfer or the like of such hazardous substance.
- d) "Hazardous Substance" means any substance or preparation which is defined as hazardous substance under the Environment (Protection) Act, 1986, and exceeding such quantity as may be specified, by notification, by the Central Government.
- e) "Owner" means a person who owns, or has control over handling any hazardous substance at the time of accident and includes:-
  - (i) in the case of a firm, any of its partners;
  - (ii) in the case of an association, any of its members, and
  - (iii) in the case of a company, any of its directors, managers, secretaries or other officers who is directly in-charge of and is responsible to the company for the conduct of the business of the company.
- (f) "Turnover" shall mean –
  - i) Manufacturing units – Annual Gross Sales including all levies and taxes.
  - ii) Godown/warehouse owners – Annual rental receipts.
  - iii) Transport Operators – Annual freight receipts
  - iv) Others – Annual gross receipts

**3. EXCLUSIONS**

This Policy does not cover liability:

- (1) arising out of willful or intentional non-compliance of any Statutory Provisions.
- (2) in respect of fines, penalties, punitive and/or exemplary damages.
- (3) arising under any other legislation except in so far as is provided for in Section 8 Sub-Section (1) and (2) of the Act.
- (4) arising out of damage to property owned, leased or hired or under hire purchase or on loan to the Insured or otherwise in the Insured's control, care or custody.
- (5) directly or indirectly occasioned by, happening through or in consequence of war, invasion, act of foreign enemy, hostilities (whether war be declared or not), civil war, rebellion, revolution, insurrection or military or usurped power.



(6) directly or indirectly caused by or contributed to by

- a) ionizing radiations or contamination by radio activity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel.
- b) the radioactive, toxic, explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.

#### 4. CONDITIONS

(1) The Insured Owner shall give written notice to the Company as soon as reasonably practicable of any claim made against the Insured Owner or any specific event or circumstance that may give rise to a claim. The Insured shall immediately give to the Company copies of notice of application(s) forwarded by the Collector and all such additional information and or assistance that the Company may require.

(2) No admission, offer, promise or payment shall be made or given by or on behalf of the Insured owner under this policy without the written consent of the Company.

(3) The Company shall not be liable for any claims for relief made after five years from the date of occurrence of the accident.

(4) The Insured Owner shall keep record of annual turnover, and at the time of renewal of insurance declare such turnover and all other details as may be required by the Company. The Company shall at all reasonable times have full rights to call for and examine such records.

(5) If at the time of happening of any accident, resulting in a claim under this policy, there be any other insurance covering the same liability, then the Company shall not be liable to pay or contributes more than its ratable proportion of such liability.

(6) This Policy may be cancelled by the Insured Owner by giving 30 days notice in writing to the Company in which event the Company will retain premium at short period scale subject to there not having occurred an accident during the policy period which may give rise to a claim(s), failing which no refund of premium shall be allowable.

(7) This Policy may also be cancelled by the Insurer by giving 30 days notice in writing to the Insured Owner in which event the Company shall be liable to repay on demand a rateable proportion of the premium for the unexpired term from the date of cancellation.

(8) If the Company shall disclaim liability to the Insured Owner for any claim hereunder and such claim shall not within 12 calendar months from the date of such disclaimer have been made the subject matter of a suit in a competent court of law, then the claim for all practicable purposes shall be deemed to have been abandoned and shall not thereafter be recoverable hereunder or be made the subject matter of any suit.

(9) The Company shall not be liable to make any payment in respect of any claim if such claim shall be in any manner fraudulent or supported by any person on behalf of the Insured and/or if the insurance has been continued in consequence of any material mis-statement or non-disclosure of any material information by or on behalf of the Insured. In such a case, if the Company pays any amount to the claimant due to any statutory provisions, such amount shall be recoverable from the Insured.

(10) The Policy and the Schedule shall be read together as one contract and any word or expression to which a specific meaning has been assigned in the Act and the Rules framed thereunder or this Policy shall bear such specific meaning.

(11) Any dispute regarding interpretation of the terms, conditions and exceptions of this Policy shall be determined in accordance with the law and practice of a court of competent jurisdiction within India.