Balamurali K

From: Balamurali K
Sent: 26 October 2024 12:13
To: rosz.bng-mefcc@gov.in
Cc: Madhav Bhutada; K.Sharath Reddy; J Manickavasagam
Subject: Half Yearly EC Compliance Report (April'24 to Sep'24)
Attachments: EC Conditions Compliance - APR-2024 to SEP-2024.pdf

Respected Sir / Madam,

To
The Additional principal Chief Conservator of Forests,
Regional Office, Ministry of Environment and Forests (SZ),
Kendriya Sadan, 4th Floor, E&F Wing,17th Main Road,
II nd Block, Koramangala, Banglore-560034.

Sub : Submission of EC half yearly compliance status report April 2024 to September 2024 Reg

Ref : EC-File No. IA-J-11011/302/2020-IA-II(I) Dated 25-01-2021
EC Transfer from M/s. Shilpa Albumin Private Limited to M/s. Shilpa Biocare Private Limited Dated 09-11-2
Amendment to Environmental Clearance Dated 26-09-2022

We are pleased to submit the half-yearly compliance report for the term **April 2024 to September 2024.**

Project Name: "Shilpa Biocare Private Limited" setting up of Active Pharmaceutical Ingredients (APIs), Intermediates and Recombinant Human Albumin manufacturing Industry located at Plot No. 286, 287, 288, Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka.

Following documents attached as evidences for responses.

1. Pointwise compliance report is enclosed as attachment-1.
2. Plantation is an ongoing process and Photographs of plantation along site periphery enclosed as attachment-2.
3. DG stack emission monitoring report enclosed as attachment-3
4. Ambient Air, Noise, Water and Soil test reports from April'24 to September'24 enclosed as attachment-4.
5. Advertised newspaper copy as attachment-5

Kindly acknowledge the receipt of the document and e-mail.

Regards,
SBM Krishna,
Sr.Manager-QA,
Shilpa Biocare Pvt. Ltd.
+91-7337674111.

Shilpa Biocare Private Limited
100% Export Oriented Unit
Plot No. 286,287&288, Kadechur Industrial Area
Kadechur – 585221,Dist : Yadgir,Karnataka, India
Tel: +91-8532-238704, Fax: +91-8532-238876
Email: info@vbshilpa.com
GST : 29ABDCS2258RIZK
CIN : U24304KA2020PTC131457

Date: 26.10.2024

To
The Additional principal Chief Conservator
of Forests,Regional Office, Ministry of Environment
and Forests (SZ),Kendriya Sadan,
4th Floor, E&F Wing,17th Main Road,II nd Block,
Koramangala, Banglore-560034.

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Thanking you,

Yours faithfully

For SHILPA BIOCARE PRIVATE LIMITED,

Authorized Signatory

SHILPA BIOCARE PRIVATE LIMITED
KADECHUR-585221

Shilpa Biocare Private Limited
100% Export Oriented Unit
Plot No. 286,287&288, Kadechur Industrial Area
Kadechur – 585221,Dist : Yadgir,Karnataka, India
Tel: +91-8532-238704, Fax: +91-8532-238876
Email: info@vbshilpa.com
GST : 29ABDCS2258RIZK
CIN : U24304KA2020PTC131457

CC to:

1. The Deputy DGF (C), MoEF&CC Regional Office (SZ), KendriyaSadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore – 34.9 (By Mail)
2. The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavan, #49, Church St, Bengaluru, Karnataka 560001.(By Mail)
3. Environmental OfficerRegional Office,Karnataka State Pollution Control Board,Yadgir – 585401,Karnatak.(✓)

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

Note: The project is under construction, CFE compline being establishment retain the CFE vide No.: CTE 332151. After completion of the project CFO will obtain & will commence the operations & comply with all environmental Clearance (EC), CFE & CFO conditions.

EC - File No. IA-J-11011/302/2020-IA-II(I) Dated 25-01-2021
EC Transfer from Shilpa Albumin Pvt. Ltd. to Shilpa Biocare Pvt. Ltd. Dated 09-11-2021
Amendment to Environmental Clearance Dated 26-09-2022

S. No	Condition	Status	
1.	Existing land area is 121410 m2. Industry will develop greenbelt in an area of 33% i.e., 40065.3 m2 out of total area of the project. The estimated project cost is Rs.175 crores. Total capital cost earmarked towards environmental pollution control measures is Rs.11.7 crores and the Recurring cost (operation and maintenance) will be about Rs.3.757 crores per annum. Total Employment will be 350 persons as direct after expansion. Industry proposes to allocate Rs.2.625 Crores towards Corporate Environment Responsibility (CER).	We have planted muffin species nimbus & other trees at the periphery. Also developed greenery. Photographs enclosed as attachment-1	Complied
		EC is amended with an option of sending the pre-treated effluent to CETP. EC amendment copy is enclosed as attachment-2	Noted
2.	There are no National parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wild life Corridors etc., within 10 km distance from the project site. River/water body River Bhima, tributary of perennial River Krishna is about 8.2 km south west and River Krishna is about 12.3 km south direction of the site.	Noted	Complied
3.	Total water requirement is 1097.36 m3/day of which fresh water requirement of 451.653 m3/day will met from KIADB supply by tapping water from Bhima River. Effluent of 608.512 KLD quantity out of which 30 KLD is domestic sewage, this will be treated in Sewage treatment plant and Industrial effluents will be segregated into HTDS and LTDS. HTDS effluent treated in solvent stripper, MEE and the concentrated dried in ATFD. The condensate is treated in RO unit-I. RO permeate will be further treated in Biological treatment plant unit I. RO reject will be treated in RO unit II. RO permeate of 234.65 KLD from RO plant-1 & 35.848 KLD from RO plant-2 will be treated in Biological Treatment Unit-I. Treated water of 269.298 KLD will be used in cooling tower makeup. The plant will be based on Zero Liquid discharge system.	30KLD capacity STP is commissioned and is in operation for sewage treatment. Neutralization tanks of 2x200kl capacity installed for neutralization of effluent and the neutral effluent will sent to CETP	Complied

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

Note: The project is under construction, CFE compline being establishment retain the CFE vide No.: CTE 332151. After completion of the project CFO will obtain & will commence the operations & comply with all environmental Clearance (EC), CFE & CFO conditions.

S. No	Condition	Status	
		for further treatment and disposal. EC is amended with an option of sending the pre-treated effluent to CETP. EC amendment copy is enclosed as attachment-2	
4.	Power requirement after expansion will be 2500 kVA and will be met from Gulbarga Electricity Supply Company, Karnataka State Power Distribution Corporation Limited (GESCOM). 3 DG sets of 1500 kVA. Capacity each proposed to install. They used as standby during power failure. Stack height 6 m AGL will be provided as per CPCB norms to the proposed DG sets.	1010kVA DG set installed and is in operation as standby for power supply in the event of raw power failure. 100 kVA DG set is installed as stand by for 1010kVA DG set. Stack height maintained as per CPCB norms. DG stack emission is being monitored and report enclosed as attachment-3	Complied
5.	Proposed unit will have 2 X 10 TPH Rice husk/coal/briquette fired boilers. Bag filters with a stack of height of 37 m AGL for each will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm3 for the proposed boilers.	1 x 10TPH Rice husk/coal/briquette fired boiler installed with a bag filter to control particulate matter less than 115 ppm. Stack height maintained as per CPCB norms.	Complied

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

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Part-A/Specific Conditions

S. No	Condition	Status	
1.	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	Noted	Complied
2.	Fugitive emissions shall be controlled at 99.98% with effective chillers. Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.997% with effective chillers/modern technology. Regular VOCs monitoring should be carried out.	VOC meter is available at site and VOC is being monitored as applicable	Complied
3.	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture.	Noted.	EC is amended with an option of sending the pre-treated effluent to CETP. EC amendment copy is enclosed as attachment-2. Neutralization tanks of 2x200kl capacity installed for neutralization of effluent and the neutral effluent will sent to CETP for further treatment and disposal.
4.	Occupational health center 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.	Noted	Complied
5.	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.	Fire hydrant system of sufficient capacity installed and necessary fire extinguishers put in place. Fire alarm system installed as a safety measure to	Complied

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

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S. No	Condition	Status	
		mitigate fire hazard.	
6.	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.	Trainings are being conducted regularly	Complied
7.	Total fresh water requirement shall not exceed 451.653 m3/day will be met from KIADB supply by tapping water from Bhima River. Prior permission in this regard shall be obtained from the concerned regulatory authority.	The allotted capacity requirement of fresh water is adequate and water is getting from KIADB as per the proposal	Complied
8.	Storm water from the rooftop shall be channelized through pipes to the storage tank constructed for harvesting of rainwater 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.	Provisions made to collect storm water into harvesting tank. No other effluent water will be mix into rainwater harvest tank.	Complied
9.	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 ZLD, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	DG and Boiler Stack is being monitored for flue gases on monthly basis. The flue gas traces are well within the PCB specified limits. Stack monitoring reports enclosed as attachment-3.	Complied
10.	Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled water 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 water brine circulation.	a. The reactor are connected with CT water/ Chilled water and Chilled brain as per the requirement. Condensers are installed as per production requirement b. Pumps used for solvent handling	Complied

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

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S. No	Condition	Status	
		as having mechanical seal	
		c. Solvent is stored in designated area with all the safety measures	
		d. Earthling is provided to all the equipment including electrical equipment wherever solvent handling is done	
		e. Flame proof equipment are provided wherever required	
		f. Vent condenser with brine circulation provided wherever required	
11.	Process organic residue and spent carbon, if any, shall be sent to Cement other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.	Agreement is available to send the ETP sludge, process inorganic & evaporation salt to TSDF	Complied
12.	The company 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 vapor recovery system (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	a. Metering controls are provided wherever required	Complied
		b. Noted will explore the possibilities	
		c. Automatic filling system is installed	
		d. Close feed system is available to vessels for charging of	

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

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S. No	Condition	Status	
		materials	
		e. Vapor recovery system is installed wherever required	
		f. CIP system with high pressure is followed for cleaning of equipment.	
13.	The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. 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.	Noted. Periphery plantation is done	Plantation done along the periphery to maintain the green belt. Plantation photographs enclosed as attachment-1.
14.	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 EMP report in letter and spirit. All the commitments made shall be satisfactorily implemented. Preference shall be given to local villagers for employment in the unit.	Noted	Complied
15.	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.	Noted. Qualified & Experience personnel to supervise and monitor EHS activities are in place.	Complied

Part- B General Conditions

S. No	Condition	Status	
1.	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	Noted	Complied.

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

Note: The project is under construction, CFE compline being establishment retain the CFE vide No.: CTE 332151. After completion of the project CFO will obtain & will commence the operations & comply with all environmental Clearance (EC), CFE & CFO conditions.

S. No	Condition	Status	
	environmental protection measures required, if any.		
2.	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	LED lights provided across the site for energy conservation	Complied
3.	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 dB (night time).	Environment and Noise level monitoring is being done at defined intervals. Reports enclosed as attachment-4.	Complied
4.	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Plantation done along the periphery and outside the factory to maintain the green belt. Plantation photographs enclosed as attachment-1.	Complied
5.	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.	Noted. The funds allocated will be spent only for the compliance of the condition as stipulated in the EC	Complied
6.	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.	The EC copy has submitted to local panchayat.	Complied
7.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&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.	Environmental monitoring (Air quality, noise level, ground water quality & Soil quality) is being done periodically and	Complied

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

Note: The project is under construction, CFE compline being establishment retain the CFE vide No.: CTE 332151. After completion of the project CFO will obtain & will commence the operations & comply with all environmental Clearance (EC), CFE & CFO conditions.

S. No	Condition	Status	
		monitoring reports for the period (Apr'24 to Sep'24) enclosed as attachment-4.	
8.	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 Regional Offices of MoEF&CC by e-mail.	Noted	Will comply after commencement of production
9.	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.	The EC obtained and details were published in local newspaper. Newspaper copy is enclosed as Attachment-5	Complied
10.	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	Noted	Project has been started and applied for CFO as well. Will start the operations upon receipt of CFO
11.	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.	Noted	

Compliance to EC Transfer Dated 09-11-2021

S. No	Condition	Status
1.	M/s. Shilpa Albumin Private Limited, having CIN L85110KA1987PLC008739, has informed that the name of the company has been changed to M/s Shilpa Biocare Private Limited on 07.11.2020 approved by Central Registration Centre, Ministry of Corporate Affairs.	Noted

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

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2.	M/s Shilpa Biocare Private Limited has submitted a copy of undertaking as an affidavit to abide by the terms and conditions stipulated in the environmental clearance dated 25.01.2021. A copy of Certified true copy of resolution for transfer of various licenses, approval, permission of govt., semi government from M/s Shilpa Albumin Private Limited. (Transferor) to M/s Shilpa Biocare Private limited (Transferee) has been also submitted.	Noted
3.	As per the relevant provisions of the EIA Notification, 2006, the environmental clearance to the project for Setting up of Active Pharmaceutical Ingredients (APIs), by M/s Shilpa Albumin Private Limited, located at Plot No 286, 287, 288 Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka, granted by this Ministry vide letter of even No. dated 25.01.2021 is hereby transferred from "M/s Shilpa Albumin Private Limited" to "M/s Shilpa Biocare Private Limited" on the same terms and conditions under which prior environmental clearance was initially granted, and for the same validity period.	Noted

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

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Compliance to Amendment to Environmental Clearance Dated 26-09-2022

<table>
<tr><th>S. No</th><th colspan="4">Condition</th><th colspan="2">Status</th></tr>
<tr><td>1.</td><td colspan="4">The proposal was considered in 35th EAC (Industry-3) held on 28-29, July, 2022, wherein the EAC recommended the following amendment in the EC dated 25.01.2021:
<table>
<tr><th>S. No.</th><th>Para of EC issued by MoEF & CC</th><th>Details as per the EC</th><th>To be revised/ read as</th></tr>
<tr><td>1.</td><td>F. No. IA-J-11011/ 302/2020-IA-II(I) dated 25.01.2021; Pg. 3; Sl. No. 7</td><td>".....Effluent of 608.512 KLD quantity out of which 30 KLD is domestic sewage, this will be treated in Sewage treatment plant and Industrial effluents will be segregated into HTDS and LTDS. HTDS effluent is treated in solvent stripper, MEE..... RO permeate will be further treated in Biological treatment plant unit I. RO reject will be treated in RO unit II. ..... Treated water of 269.298 KLD will be used in cooling tower makeup. The plant will be based on Zero Liquid Discharge system."</td><td>.... Effluent of 608.512 KLD quantity out of which 30 KLD is domestic sewage, this will be treated in Sewage Treatment Plant and industrial effluents will be segregated into HTDS and LTDS.
The effluent will be treated within the factory premises with an option of sending industrial effluent to Common Effluent Treatment Plant for treatment. ..... The plant will be based on Zero Liquid Discharge system with an option of sending industrial effluent to Common Effluent Treatment Plant for treatment.</td></tr>
</table></td><td>Noted.</td><td>EC is amended with an option of sending the pre-treated effluent to M/s Mother Earth Environ Tech Pvt Ltd, Kadechur (CETP), after pre-treatment. Accordingly pre-treatment is provided and pre-treated effluent will sent to CETP for onward treatment.</td></tr>
</table>

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

Note: The project is under construction, CFE compline being establishment retain the CFE vide No.: CTE 332151. After completion of the project CFO will obtain & will commence the operations & comply with all environmental Clearance (EC), CFE & CFO conditions.

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<tr><th>S. No.</th><th>Para of EC issued by MoEF & CC</th><th>Details as per the EC</th><th>To be revised/ read as</th></tr>
<tr><td>2.</td><td>F. No. IA-J-11011/302/2020- IA-II(I) dated 25.01.2021; Pg. 5, Part A: Specific condition no. iii</td><td>"As already committed by the PP, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/ greenbelt development/ horticulture."</td><td>"As already committed by the PP, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture Or with an option to send the industrial effluent to Common Effluent Treatment Plant of M/s. Mother Earth Environ Tech Private Limited (MEETPL), Kadechur Industrial Area for treatment".</td></tr>
</table>
</td><td></td><td></td></tr>
<tr><td>2.</td><td>In addition to above, If ZLD is not being implemented, as committed by the PP, the treated effluent from CETP to an extent of 270 KLD shall be taken back for use in cooling tower water make-up, floor wash etc. All other terms and conditions stipulated in the EC dated 25.01.2021 shall remain unchanged.</td><td>Noted</td><td>Complied</td></tr>
</table>

SHILPA BIOCARE PRIVATE LIMITED
EC COMPLIANCE REPORT
(From April - 2024 to September - 2024)

Note: The project is under construction, CFE compline being establishment retain the CFE vide No.: CTE 332151. After completion of the project CFO will obtain & will commence the operations & comply with all environmental Clearance (EC), CFE & CFO conditions.

Attachments:

Attachment-1: Plantation is an ongoing process and Photographs of plantation along site periphery
Attachment-2: EC Amendment copy with an option of sending the pre-treated effluent to CETP
Attachment-3: DG stack emission monitoring report
Attachment-4: Ambient Air, Noise, Water and Soil test reports from April'24 to September'24
Attachment-5: Local newspaper copy published with EC details
Attachment-6: Copy of the letter submitted to Gram Panchayat

Thanking you,

For Shilpa Biocare Private Limited,



Authorized Signatory

Annexure-I

SHILPA BIOCARE PRIVATE LIMITED
PERIPHERY PLANTATION PICTURES INSIDE THE SITE





SHILPA BIOCARE PRIVATE LIMITED
PERIPHERY PLANTATION PICTURES INSIDE THE SITE

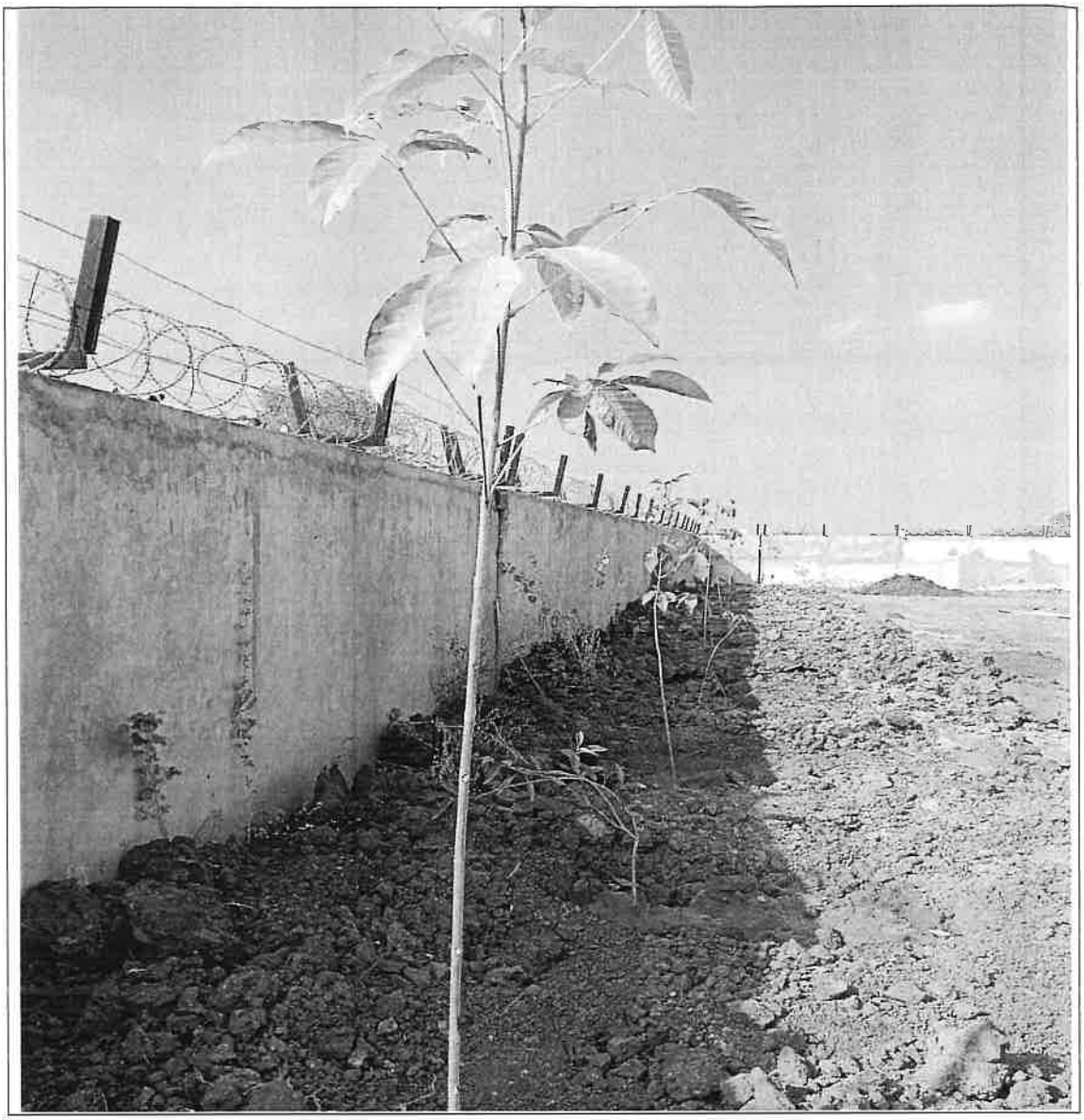


SHILPA BIOCARE PRIVATE LIMITED
PERIPHERY PLANTATION PICTURES INSIDE THE SITE





SHILPA BIOCARE PRIVATE LIMITED
PERIPHERY PLANTATION PICTURES INSIDE THE SITE



Annexure-II

Speed Post/Online

F. No. J-11011/302/2020-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

सत्यमेव जयते

Indira Paryavaran Bhawan
Vayu Wing, Jor Bag Road,
New Delhi -110003

Dated: 9th November, 2021

To,

M/s Shilpa Biocare Private Limited
Plot no. 286, 287, 288, Kadechur Industrial Area,
Kadechur Village, Yadgir Taluk and District,
Karnataka,
E-mail: eouexcise@vbshilpa.com

Sub.: Setting up of Active Pharmaceutical Ingredients (APIs), manufacturing industry by M/s Shilpa Albumin Private Limited, located at Plot No 286, 287, 288 Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka. - Transfer of EC from "M/s. Shilpa Albumin Private Limited" to "M/s. Shilpa Biocare Private Limited" -regarding

Sir,

This has reference to your online proposal No. IA/KA/IND3/232307/2021 dated 1st October, 2021 regarding transfer of environmental clearance to the above mentioned project, from M/s Shilpa Albumin Private Limited to M/s Shilpa Biocare Private Limited.

2. The Ministry of Environment, Forests and Climate Change, vide letter of even no. dated 25.01.2021, has granted environmental clearance to M/s Shilpa Albumin Private Limited for Setting up of Active Pharmaceutical Ingredients (APIs), located at Plot No 286, 287, 288 Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka.

3. Now, M/s. Shilpa Albumin Private Limited, having CIN L85110KA1987PLC008739, has informed that the name of the company has been changed to M/s Shilpa Biocare Private Limited on 07.11.2020 approved by Central Registration Centre, Ministry of Corporate Affairs.

4. M/s Shilpa Biocare Private Limited has submitted a copy of undertaking as an affidavit to abide by the terms and conditions stipulated in the environmental clearance dated 25.01.2021. A copy of Certified true copy of resolution for transfer of various licenses, approval, permission of govt., semi government from M/s Shilpa Albumin Private Limited. (Transferor) to M/s Shilpa Biocare Private limited (Transferee) has been also submitted.

5. As per the relevant provisions of the EIA Notification, 2006, the environmental clearance to the project for Setting up of Active Pharmaceutical Ingredients (APIs), by M/s Shilpa Albumin Private Limited, located at Plot No 286, 287, 288 Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka, granted by this Ministry vide letter of even No. dated 25.01.2021 is hereby transferred **from** "M/s Shilpa Albumin Private Limited" **to** "M/s Shilpa Biocare Private Limited" on the same terms and conditions under which prior environmental clearance was initially granted, and for the same validity period.

6. This issues with approval of the competent authority.

(Dr. R. B. Lal)
Scientist 'E'/Additional Director
Tele-fax: 011-24695362
Email-rb.lal@nic.in

Copy to: -

1. The Deputy DGF (C), MoEF&CC Regional Office (SZ), KendriyaSadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore – 34
2. The Secretary, Department of Forest, Environment & Ecology, Government of Karnataka, Room No. 708, Gate 2, Multi Storey Building, Dr. Ambedkar Veedhi, Bangalore – 1
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32
4. The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavan, #49, 4th& 5th Floor, Church Street, Bangalore -1
5. The District Collector, District Yadgir, Karnataka
6. Guard File/Monitoring File/Website/Record File/Parivesh Portal

(Dr. R. B. Lal)
Scientist 'E'/Additional Director
Tele-fax: 011-24695362
Email-rb.lal@nic.in

Speed Post/Online

F. No.IA-J-11011/302/2020-IA-II(I)
Government of India
Ministry of Environment, Forest & Climate Change
Impact Assessment Division
***

Indira ParyavaranBhavan,
Vayu Wing, 3rd Floor, Aliganj,
JorBagh Road, New Delhi-110 003

Dated: 25th January, 2021

To,

M/s Shilpa Albumin Private Limited,
Kadechur Industrial Area,
Village Kadechur,
Taluk and District Yadgir,
Karnataka
Email: madhav@vbshilpa.com

Sub: Setting up of Active Pharmaceutical Ingredients (APIs), Intermediates and Recombinant Human Albumin manufacturing Industry by M/s Shilpa Albumin Private Limited located at Plot No 286, 287, 288, Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka - Environmental Clearance regarding.

Sir,

This has reference to your online proposal No. IA/KA/IND2/176047/2020 dated 23rd November, 2020 and letter dated 18.12.2020 for environmental clearance to the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for Setting up of Active Pharmaceutical Ingredients (APIs), Intermediates and Recombinant Human Albumin manufacturing Industry by M/s Shilpa Albumin Private Limited located at Plot No 286, 287, 288, Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka.

3. The project/activities are covered under Category 'B2'of item 5 (f) 'Synthetic, Organic Chemicals Industry' of the Environment Impact Assessment (EIA) Notification, 2006, as amendment on 27-03-2020. Due to applicability of general condition (interstate boundary within 5 km), the project requires appraisal at central level by the sectoral Expert Appraisal Committee (EAC) in the Ministry.

4. The details of products and capacity are as under:-

PRODUCTS

S. No.	Name of the proposed Products	Proposed to be Manufactured Quantity in TPA
1.	Phenyl EphrineHCl	100
2.	Ursodeoxycholic Acid	80
3.	Praziqentel	50
4.	Citicoline	50
5.	Levetiracetam	150

6.	AbacavirSulfate	49.5
7.	Recombinant Human Albumin	43.2
Total		**522.7**

BY-PRODUCTS

S. No	Name of the Product	By Product	By Products generated Qty in TPA	Remarks
1	Phenylephrine HCl	Palladium Carbon	2.57	Recovered & Reused/sold
		Phenyl Ephirinelsomer Salt	33.00	Recovered & Reused
2	Ursodeoxycholic acid	Potassium Acetate	192.65	Sale
		Cholic Acid	471.91	Recovered & Reused
		Caustic Potash Lye	230.62	Sale
		Caustic Soda Lye	126.93	Sold, Recovered & Reused

THE LIST OF INTERMEDIATES WITH CAPACITIES

S. No.	Name of the Product	Name of the Intermediates	Intermediates Quantity (in TPA)
1	Phenyl ephirineHCl	Bromo-metahydroxyacetophenone	66.53
		DL-Phenyl ephirineHcl	93.06
2	Ursodeoxycholic acid	Cholic acid methyl ester	192.78
		3a, 7a-diacetyl,12a-hydroxy-methyl cholanate	192.78
		3a, 7a-diacetyl-12-keto-methyl cholanate	169.56
		3a, 7a-dihydroxy-5b-Cholanic acid	169.56
		3a, hydroxy-7-keto-Cholanic acid	108.00
3	Praziquantel	4-(Cyclohexanecarbonyl)-1-Phenethyl-3,4-dihydropyrazine-2(1H)-one	82.70
4	Citicoline	Citicoline Crude	67.93
5	Levetiracetam	(S)-2-(2-oxopyrrolidin-1-yl)butanamide	157.50
6	AbacavirSulfate	(1S,4R)-methyl-4-aminocyclopent-2-enecarboxylate(2R,3R)-2,3-dihydroxysuccinate	88.11
		((1S,4R)-4-aminocyclopent-2-en-1-yl)methanol(2S,3S)-2,3-dihydroxysuccinate	75.24
		N-(2-amino-4-chloro-6-((1R,4S)-4-(hydroxymethyl)cyclopent-2-en-1-yl)amino)pyrimidin-5-yl)formamide	64.85
		((1S,4R)-4-(2-amino-6-chloro-9H-purin-9-yl)cyclopent-2-en-1-yl)methanol	49.01
		((1S,4R)-4-(2-amino-6-(Cyclopropylamino)-9H-purin-9-yl)cyclopent-2-en-1-yl)methanol	49.01

5. Existing land area is 121410 m^2. Industry will develop greenbelt in an area of 33% i.e., 40065.3 m^2 out of total area of the project. The estimated project cost is Rs.175 crores. Total capital cost earmarked towards environmental pollution control measures is Rs.11.7 crores and the Recurring cost (operation and maintenance) will be about Rs.3.757 crores per annum. Total employment will be 350 persons as direct after expansion. Industry proposes to allocate Rs.2.625 Crores towards Corporate Environment Responsibility (CER).

6. There are no National parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. River/water body River Bhima, tributary of perennial River Krishna is about 8.2 km south west and River Krishna is about 12.3 km south direction of the site.

7. Total water requirement is 1097.36 m^3/day of which fresh water requirement of 451.853 m^3/day will be met from KIADB supply by tapping water from Bhima River. Effluent of 608.512 KLD quantity out of which 30 KLD is domestic sewage, this will be treated in Sewage treatment plant and Industrial effluents will be segregated into HTDS and LTDS. HTDS effluent is treated in solvent stripper, MEE and the concentrated is dried in ATFD. The condensate is treated in RO unit I. RO permeate will be further treated in Biological treatment plant unit I. RO reject will be treated in RO unit II. RO permeate of 234.65 KLD from RO plant -1 & 35.848 KLD from RO plant-2 will be treated in Biological Treatment Unit-I. Treated water of 269.298 KLD will be used in cooling tower makeup. The plant will be based on Zero Liquid discharge system.

8. Power requirement after expansion will be 2500 kVA and will be met from Gulbarga Electricity Supply Company, Karnataka State power distribution corporation limited (GESCOM). 3 DG sets of 1500 kVA. Capacity each is proposed to install. They are used as standby during power failure. Stack height 6 m AGL will be provided as per CPCB norms to the proposed DG sets.

9. Proposed unit will have 2 X 10 TPH Rice husk/coal/ briquette fired boilers. Bag filters with a stack of height of 37 m AGL for each will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm^3 for the proposed boilers.

10. Details of Process emissions generation and its management:

Stack attached	Capacity and Numbers	Fuel type & Quantity	Stack height	Air Pollution control measures	Predicted emissions
Process emissions	-	-	3 m ARL	4 Nos. of Scrubbers with scrubbing liquid	Acid Mist, VOCs &odour
Boilers	2 x 10 TPH	Rice Husk: 5 TPH or Coal: 4.1 TPH or Briquettes: 4.5 TPH	37 m AGL	Bag Filters	SO_2, NO_x, PM
Thermic fluid heater	1 x 12 Lakh kcal	FO: 50 LPH	21 m AGL	Stack	
DG set*	3 x 1500 kVA	HSD: 420 LPH	6 m ARL for each DG Set	Acoustic Enclosure	SO_2, NO_x, PM

11. Details of Solid waste & Hazardous waste generation and its management:

Solid Waste

Sl. No.	Type	Quantity (in TPA)	Mode of disposal
1	Domestic Solid Waste	25.2	Organic waste will be composted and inorganic waste will be segregated and disposed through Local Municipality.
2	Boiler Ash	15940	Sent to Brick manufacturer
3	STP Sludge	5.4	Used as manure in greenbelt

Hazardous Waste

Hazardous waste	Category	Quantity (in TPA)	Mode of disposal
Used Oil (in KL)	5.1	3	Authorized recycler
Spent Solvent	26.4	764	Authorized recycler
Process residue and Wastes	28.1	2920	Incineration / co-processing
Inorganic Salts	28.1	79.05	To TSDF
Spent carbon	28.3	63.58	Incineration / co-processing
Date Expired Products	28.5	1	Incineration / co-processing
Empty barrels / containers / liners contaminated with hazardous chemicals	33.1	8000 Nos.	Authorized recycler
ETP Sludge / MEE Salts	35.3	3900	To TSDF

12. Public hearing is not required since the proposed project falls under category B2, the proposed project is located in industrial area. It was informed that no litigation is pending against the proposal.

13. The industry has provided scrubbing systems in the process area to neutralize the fugitive emissions and GPS system is installed for effluent movement from Unit I & Unit II. The records are downloaded & submitted to KSPCB, the same will be followed. Further, the wastes generated are packed in closed containers, bags & stored in the covered shed, on the impervious concrete floor.

14. The proposal was considered by the EAC (Industry-3) in its 2nd meeting held during **8-9 December, 2020.** The project proponent and their consultant M/s. Samrakshan, made a detailed presentation through Video Conferencing (VC) and have presented the PFR/EMP report. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with PFR & EMP report 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 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 PFR & EMP report. 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 PFR/EMP report reflects the present environmental concerns and the projected scenario for all the environmental components. The committee deliberated the action plan and budget allocation for green belt development, mitigation measure towards Air, Water, Noise and Soil pollution. The committee suggested to use scrubbing system while loading and unloading of waste and to use GPS enabled vehicle for solvent and spent solvent movement. The EAC has deliberated the proposal and has made 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 have found the proposal in order and have **recommended** for grant of environmental clearance.

15. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its 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.

16. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-3), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project for **Setting up of Active Pharmaceutical Ingredients (APIs), Intermediates and Recombinant Human Albumin manufacturing Industry by M/s Shilpa Albumin Private Limited, located at Plot No 286, 287, 288, Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka**, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

A. Specific Condition

(i). The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.

(ii). Fugitive emissions shall be controlled at 99.98% with effective chillers. Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.997% with effective chillers/modern technology. Regular VOCs monitoring should be carried out.

(iii). As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture.

(iv). 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.

(v). 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.

(vi). 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.

(vii). Total fresh water requirement shall not exceed 451.653 m^3/day will be met from KIADB supply by tapping water from Bhima River. Prior permission in this regard shall be obtained from the concerned regulatory authority.

(viii). 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.

(ix). 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 ZLD, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

(x). Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled water 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 water brine circulation.

(xi). Process organic residue and spent carbon, if any, shall be sent to Cement other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.

(xii). The company 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.

(xiii). The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. 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.

(xiv). 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 EMP report in letter and spirit. All the commitments made shall be satisfactorily implemented. Preference shall be given to local villagers for employment in the unit. Preference shall be given to local villagers for employment in the unit.

(xv). 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 Condition:

(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 energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.

(iii) 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).

(iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

(v) 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.

(vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZillaParishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.

(vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&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.

(viii) 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 Regional Offices of MoEF&CC by e-mail.

(ix) 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.

(x) 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.

(xi) 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.

17. 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.

18. 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 Environment (Protection) Act, 1986.

19. 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.

20. The above conditions will 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, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

21. This issues with the approval of the competent authority.

25/01/2021

(Dr. R. B. Lal)
Scientist 'E'/Additional Director
Email: rb.lal@nic.in
Tele-fax: 91-11-24695362

(DR. R. B. LAL)
वैज्ञानिक 'ई'/Scientist E
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Min.of Environment,Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

Copy to: -

1. Additional Chief Secretary (FEE) Forest, Environment and Ecology Department, Karnataka Government Secretariat, Room No. 447, 4th Floor, Gate No. 2, M. S. Building, Bengaluru-560001
2. The Deputy DGF (C), MoEF&CC Regional Office (SZ), KendriyaSadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore - 34
3. The Secretary, Department of Forest, Environment & Ecology, Government of Karnataka, Room No. 708, Gate 2, Multi Storey Building, Dr.AmbedkarVeedhi, Bangalore - 1
4. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 32
5. The Member Secretary, Karnataka State Pollution Control Board, ParisaraBhavan, #49, 4th& 5th Floor, Church Street, Bangalore -1
6. The District Collector, District Raichur, Karnataka
7. Guard File/Monitoring File/Website/Record File/Parivesh Portal

(Dr. R. B. Lal)
Scientist 'E'/Additional Director

F. No. IA-J-11011/302/2020-IA-II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan
Jor Bagh, New Delhi-03

Dated: 26.09.2022

To

M/s. Shilpa Biocare Private Limited
Plot no. 286, 287, 288, Kadechur Industrial Area
Kadechur Village, Yadgir Taluk and District
Karnataka
Email: eouexcise@vbshilpa.com

Project: **Setting up of Active Pharmaceutical Ingredients (APIs), Intermediates and Recombinant Human Albumin Manufacturing Industry located at Plot No. 286, 287, 288 Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka by M/s. Shilpa Biocare Private Limited –** ***Amendment in Environmental Clearance***

Sir,

This has reference to your online proposal No. IA/KA/IND3/241033/2021 for amendment in Environment Clearance granted vide letter of even no. dated 25.01.2021 for the Setting up of Active Pharmaceutical Ingredients (APIs), Intermediates and Recombinant Human Albumin Manufacturing Industry located at Plot No. 286, 287, 288 Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka by M/s. Shilpa Albumin Private Limited and subsequently transferred to M/s. Shilpa Biocare Private Limited vide letter of even no. dated 09.11.2021.

2. The proposal was considered in 35th EAC (Industry-3) held on 28-29, July, 2022, wherein the EAC recommended the following amendment in the EC dated 25.01.2021:

S. No.	Para of EC issued by MoEF&CC	Details as per the EC	To be revised/ read as
1.	F. No. IA-J-11011/302/2020-IA-II(I) dated 25.01.2021; **Pg. 3; Sl. No. 7**	".....Effluent of 608.512 KLD quantity out of which 30 KLD is domestic sewage, this will be treated in Sewage treatment plant and Industrial effluents will be segregated into HTDS and LTDS. HTDS effluent is treated in solvent stripper, MEE..... RO	.... Effluent of 608.512 KLD quantity out of which 30 KLD is domestic sewage, this will be treated in Sewage Treatment Plant and industrial effluents will be segregated into HTDS and LTDS.

		permeate will be further treated in Biological treatment plant unit I. RO reject will be treated in RO unit II. ..... Treated water of 269.298 KLD will be used in cooling tower makeup. The plant will be based on Zero Liquid Discharge system."	**The effluent will be treated within the factory premises with an option of sending industrial effluent to Common Effluent Treatment Plant for treatment.** ..... The plant will be based on Zero Liquid Discharge system **with an option of sending industrial effluent to Common Effluent Treatment Plant for treatment**.
2.	F. No. IA-J-11011/302/2020-IA-II(I) dated 25.01.2021; **Pg. 5, Part A: Specific condition no. iii**	"As already committed by the PP, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture."	"As already committed by the PP, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture **Or with an option to send the industrial effluent to Common Effluent Treatment Plant of M/s. Mother Earth Environ Tech Private Limited (MEETPL), Kadechur Industrial Area for treatment".**"

3. In addition to above, *If ZLD is not being implemented, as committed by the PP, the treated effluent from CETP to an extent of 270 KLD shall be taken back for use in cooling tower water make-up, floor wash etc.* All other terms and conditions stipulated in the EC dated 25.01.2021 shall remain unchanged.

This issues with approval of the Competent Authority.

Ramesh

(Dr. Motipalli Ramesh)
Scientist 'E'

Copy to:

1. The Deputy DGF (C), MoEF&CC Regional Office (SZ), KendriyaSadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore – 34
2. The Secretary, Department of Forest, Environment & Ecology, Government of Karnataka, Room No. 708, Gate 2, Multi Storey Building, Dr. Ambedkar Veedhi, Bangalore – 1
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavan, #49, Church St, Bengaluru, Karnataka 560001
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 Yadgir, Karnataka
7. Guard File/Monitoring File/PARIVESH

Ramesh

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

सत्यमेव जयते

Speed Post/Online

F. No.IA-J-11011/302/2020-IA-II(I)
Government of India
Ministry of Environment, Forest & Climate Change
Impact Assessment Division
***

Indira ParyavaranBhavan,
Vayu Wing, 3rd Floor, Aliganj,
JorBagh Road, New Delhi-110 003

Dated: 25th January, 2021

To,

M/s Shilpa Albumin Private Limited,
Kadechur Industrial Area,
Village Kadechur,
Taluk and District Yadgir,
Karnataka
Email: madhav@vbshilpa.com

Sub: Setting up of Active Pharmaceutical Ingredients (APIs), Intermediates and Recombinant Human Albumin manufacturing Industry by M/s Shilpa Albumin Private Limited located at Plot No 286, 287, 288, Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka - Environmental Clearance regarding.

Sir,

This has reference to your online proposal No. IA/KA/IND2/176047/2020 dated 23rd November, 2020 and letter dated 18.12.2020 for environmental clearance to the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for Setting up of Active Pharmaceutical Ingredients (APIs), Intermediates and Recombinant Human Albumin manufacturing Industry by M/s Shilpa Albumin Private Limited located at Plot No 286, 287, 288, Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka.

3. The project/activities are covered under Category 'B2'of item 5 (f) 'Synthetic, Organic Chemicals Industry' of the Environment Impact Assessment (EIA) Notification, 2006, as amendment on 27-03-2020. Due to applicability of general condition (interstate boundary within 5 km), the project requires appraisal at central level by the sectoral Expert Appraisal Committee (EAC) in the Ministry.

4. The details of products and capacity are as under:-

PRODUCTS

S. No.	Name of the proposed Products	Proposed to be Manufactured Quantity in TPA
1.	Phenyl EphrineHCl	100
2.	Ursodeoxycholic Acid	80
3.	Praziqentel	50
4.	Citicoline	50
5.	Levetiracetam	150

6.	AbacavirSulfate	49.5
7.	Recombinant Human Albumin	43.2
Total		**522.7**

BY-PRODUCTS

S. No	Name of the Product	By Product	By Products generated Qty in TPA	Remarks
1	Phenylephrine HCl	Palladium Carbon	2.57	Recovered & Reused/sold
		Phenyl Ephirinelsomer Salt	33.00	Recovered & Reused
2	Ursodeoxycholic acid	Potassium Acetate	192.65	Sale
		Cholic Acid	471.91	Recovered & Reused
		Caustic Potash Lye	230.62	Sale
		Caustic Soda Lye	126.93	Sold, Recovered & Reused

THE LIST OF INTERMEDIATES WITH CAPACITIES

S. No.	Name of the Product	Name of the intermediates	Intermediates Quantity (in TPA)
1	Phenyl ephirineHCl	Bromo-metahydroxyacetophenone	66.53
		DL-Phenyl ephirineHcl	93.06
2	Ursodeoxycholic acid	Cholic acid methyl ester	192.78
		3a, 7a-diacetyl,12a-hydroxy-methyl cholanate	192.78
		3a, 7a-diacetyl-12-keto-methyl cholanate	169.56
		3a, 7a-dihydroxy-5b-Cholanic acid	169.56
		3a, hydroxy-7-keto-Cholanic acid	108.00
3	Praziquantel	4-(Cyclohexanecarbonyl)-1-Phenethyl-3,4-dihydropyrazine-2(1H)-one	82.70
4	Citicoline	Citicoline Crude	67.93
5	Levetiracetam	(S)-2-(2-oxopyrrolidin-1-yl)butanamide	157.50
6	AbacavirSulfate	(1S,4R)-methyl-4-aminocyclopent-2-enecarboxylate(2R,3R)-2,3-dihydroxysuccinate	88.11
		((1S,4R)-4-aminocyclopent-2-en-1-yl)methanol(2S,3S)-2,3-dihydroxysuccinate	75.24
		N-(2-amino-4-chloro-6-((1R,4S)-4-(hydroxymethyl)cyclopent-2-en-1-yl)amino)pyrimidin-5-yl)formamide	64.85
		((1S,4R)-4-(2-amino-6-chloro-9H-purin-9-yl)cyclopent-2-en-1-yl)methanol	49.01
		((1S,4R)-4-(2-amino-6-(Cyclopropylamino)-9H-purin-9-yl)cyclopent-2-en-1-yl)methanol	49.01

5. Existing land area is 121410 m^2. Industry will develop greenbelt in an area of 33% i.e., 40065.3 m^2 out of total area of the project. The estimated project cost is Rs.175 crores. Total capital cost earmarked towards environmental pollution control measures is Rs.11.7 crores and the Recurring cost (operation and maintenance) will be about Rs.3.757 crores per annum. Total employment will be 350 persons as direct after expansion. Industry proposes to allocate Rs.2.625 Crores towards Corporate Environment Responsibility (CER).

6. There are no National parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. River/water body River Bhima, tributary of perennial River Krishna is about 8.2 km south west and River Krishna is about 12.3 km south direction of the site.

7. Total water requirement is 1097.36 m^3/day of which fresh water requirement of 451.653 m^3/day will be met from KIADB supply by tapping water from Bhima River. Effluent of 608.512 KLD quantity out of which 30 KLD is domestic sewage, this will be treated in Sewage treatment plant and Industrial effluents will be segregated into HTDS and LTDS. HTDS effluent is treated in solvent stripper, MEE and the concentrated is dried in ATFD. The condensate is treated in RO unit I. RO permeate will be further treated in Biological treatment plant unit I. RO reject will be treated in RO unit II. RO permeate of 234.65 KLD from RO plant -1 & 35.848 KLD from RO plant-2 will be treated in Biological Treatment Unit-I. Treated water of 269.298 KLD will be used in cooling tower makeup. The plant will be based on Zero Liquid discharge system.

8. Power requirement after expansion will be 2500 kVA and will be met from Gulbarga Electricity Supply Company, Karnataka State power distribution corporation limited (GESCOM). 3 DG sets of 1500 kVA. Capacity each is proposed to install. They are used as standby during power failure. Stack height 6 m AGL will be provided as per CPCB norms to the proposed DG sets.

9. Proposed unit will have 2 X 10 TPH Rice husk/coal/ briquette fired boilers. Bag filters with a stack of height of 37 m AGL for each will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm^3 for the proposed boilers.

10. Details of Process emissions generation and its management:

Stack attached	Capacity and Numbers	Fuel type & Quantity	Stack height	Air Pollution control measures	Predicted emissions
Process emissions	-	-	3 m ARL	4 Nos. of Scrubbers with scrubbing liquid	Acid Mist, VOCs &odour
Boilers	2 x 10 TPH	Rice Husk: 5 TPH or Coal: 4.1 TPH or Briquettes: 4.5 TPH	37 m AGL	Bag Filters	SO_2, NO_x, PM
Thermic fluid heater	1 x 12 Lakh kcal	FO: 50 LPH	21 m AGL	Stack	
DG set*	3 x 1500 kVA	HSD: 420 LPH	6 m ARL for each DG Set	Acoustic Enclosure	SO_2, NO_x, PM

11. Details of Solid waste & Hazardous waste generation and its management:

Solid Waste

Sl. No.	Type	Quantity (in TPA)	Mode of disposal
1	Domestic Solid Waste	25.2	Organic waste will be composted and inorganic waste will be segregated and disposed through Local Municipality.
2	Boiler Ash	15940	Sent to Brick manufacturer
3	STP Sludge	5.4	Used as manure in greenbelt

Hazardous Waste

Hazardous waste	Category	Quantity (in TPA)	Mode of disposal
Used Oil (in KL)	5.1	3	Authorized recycler
Spent Solvent	26.4	764	Authorized recycler
Process residue and Wastes	28.1	2920	Incineration / co-processing
Inorganic Salts	28.1	79.05	To TSDF
Spent carbon	28.3	63.58	Incineration / co-processing
Date Expired Products	28.5	1	Incineration / co-processing
Empty barrels / containers / liners contaminated with hazardous chemicals	33.1	8000 Nos.	Authorized recycler
ETP Sludge / MEE Salts	35.3	3900	To TSDF

12. Public hearing is not required since the proposed project falls under category B2, the proposed project is located in industrial area. It was informed that no litigation is pending against the proposal.

13. The industry has provided scrubbing systems in the process area to neutralize the fugitive emissions and GPS system is installed for effluent movement from Unit I & Unit II. The records are downloaded & submitted to KSPCB, the same will be followed. Further, the wastes generated are packed in closed containers, bags & stored in the covered shed, on the impervious concrete floor.

14. The proposal was considered by the EAC (Industry-3) in its 2nd meeting held during **8-9 December, 2020.** The project proponent and their consultant M/s. Samrakshan, made a detailed presentation through Video Conferencing (VC) and have presented the PFR/EMP report. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with PFR & EMP report 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 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 PFR & EMP report. 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 PFR/EMP report reflects the present environmental concerns and the projected scenario for all the environmental components. The committee deliberated the action plan and budget allocation for green belt development, mitigation measure towards Air, Water, Noise and Soil pollution. The committee suggested to use scrubbing system while loading and unloading of waste and to use GPS enabled vehicle for solvent and spent solvent movement. The EAC has deliberated the proposal and has made 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 have found the proposal in order and have **recommended** for grant of environmental clearance.

15. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its 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.

16. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-3), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project for **Setting up of Active Pharmaceutical Ingredients (APIs), Intermediates and Recombinant Human Albumin manufacturing Industry by M/s Shilpa Albumin Private Limited, located at Plot No 286, 287, 288, Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka**, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

A. Specific Condition

(i). The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.

(ii). Fugitive emissions shall be controlled at 99.98% with effective chillers. Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.997% with effective chillers/modern technology. Regular VOCs monitoring should be carried out.

(iii). As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture.

(iv). 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.

(v). 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.

(vi). 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.

(vii). Total fresh water requirement shall not exceed 451.653 m^3/day will be met from KIADB supply by tapping water from Bhima River. Prior permission in this regard shall be obtained from the concerned regulatory authority.

(viii). 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.

(ix). 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 ZLD, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

(x). Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled water 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 water brine circulation.

(xi). Process organic residue and spent carbon, if any, shall be sent to Cement other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.

(xii). The company 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.

(xiii). The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. 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.

(xiv). 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 EMP report in letter and spirit. All the commitments made shall be satisfactorily implemented. Preference shall be given to local villagers for employment in the unit. Preference shall be given to local villagers for employment in the unit.

(xv). 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 Condition:

(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 energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.

(iii) 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).

(iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

(v) 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.

(vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZillaParishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.

(vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&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.

(viii) 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 Regional Offices of MoEF&CC by e-mail.

(ix) 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.

(x) 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.

(xi) 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.

17. 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.

18. 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 Environment (Protection) Act, 1986.

19. 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.

20. The above conditions will 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, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

21. This issues with the approval of the competent authority.

25/01/2021

(Dr. R. B. Lal)
Scientist 'E'/Additional Director
Email: rb.lal@nic.in
Tele-fax: 91-11-24695362

(DR. R. B. LAL)
वैज्ञानिक 'ई'/Scientist 'E'
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Min.of Environment,Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

Copy to: -

1. Additional Chief Secretary (FEE) Forest, Environment and Ecology Department, Karnataka Government Secretariat, Room No. 447, 4th Floor, Gate No. 2, M. S. Building, Bengaluru-560001
2. The Deputy DGF (C), MoEF&CC Regional Office (SZ), KendriyaSadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore - 34
3. The Secretary, Department of Forest, Environment & Ecology, Government of Karnataka, Room No. 708, Gate 2, Multi Storey Building, Dr.AmbedkarVeedhi, Bangalore - 1
4. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 32
5. The Member Secretary, Karnataka State Pollution Control Board, ParisaraBhavan, #49, 4th& 5th Floor, Church Street, Bangalore -1
6. The District Collector, District Raichur, Karnataka
7. Guard File/Monitoring File/Website/Record File/Parivesh Portal

(Dr. R. B. Lal)
Scientist 'E'/Additional Director

Annexure-III

MSV Analytical Laboratories

Recognition by MoEF Under Environment (Protection) Act, 1986 and Accredited by NABL
(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)
C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1st & 2nd Floor)
Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (O):9945456764, 08392-255169
E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

TC- 4071

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	**M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2.	Stack ID	:	**1010 KVA DG Set**
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	11.07.2024
5.	Date of Sample Receipt	:	12.07.2024
6.	Sample Code	:	24040
7.	Analysis Starting Date	:	13.07.2024
8.	Analysis Completion Date	:	13.07.2024
9.	Report Issue date	:	18.07.2024

Discipline: Chemical **Group: Atmospheric Pollution** **Sub Group: Stack emission** **ULR No: TC407124000015816F**

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	Diesel
Ambient Temperature (°C)	32
Stack Temperature (°C)	128
Velocity (m/s)	7.7
Height (m)	30 mtr AGL
Diameter (m)	0.2
Cross sectional area (m^2)	0.03143

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) – 2019	mg/Nm^3	63.7	Not Stipulated
Sulphur dioxide	IS-11255(Part-2) - 2019	PPM	17.8	---
Nitrogen dioxide	IS-11255(Part-7) – 2017	PPM	29.6	---
Carbon Monoxide as CO	IS 13270 (Orsat Apparatus USEPA 3A:1989)	PPM	3.68	---
NMHC (C)	MSVAL/SOP/SE/003	PPM	7.20	---

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

-: END OF REPORT:-

Note : 1. The results listed only to the tested samples & applicable parameters.
2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
5. Sampling is not done by us unless otherwise specified

Annexure-IV

MSV Analytical Laboratories

Recognition by MoEF Under Environment (Protection) Act, 1986 and Accredited by NABL
(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)
C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1st & 2nd Floor)
Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (O):9945456764, 08392-255169
E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

TC- 4071

MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: TC407124000014257F **Report Issued Date: 28.06.2024**

1. **Name of the Industry** : **M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2. **Sample Collected By** : MSV Analytical Laboratories, Bellary.
3. **Particulars of the sample collected** : Sample collected with FDS GTI-151 & PHD RDS -21
4. **Date of Sampling** : 22.06.2024
5. **Date of Sample Receipt** : 24.06.2024
6. **Sample Code** : 21557
7. **Analysis Starting Date** : 24.06.2024
8. **Analysis Completion Date** : 27.06.2024

Name of the location	PM_{10} µg/ m^3		$PM_{2.5}$ µg/ m^3		SO_2 µg/ m^3		NO_X µg/ m^3		CO mg/ m^3	
	Result	Std.	Result	Std.	Result	Std.	Result	Std.	Result	Std.
	IS-5182 (Part-23) – 2006		MSVAL/SOP /AA/005		IS-5182 (Part-2) – 2001		IS-5182 (Part-6) – 2006		MSVAL/SOP /AA/007	
Near Main Gate Area	63.4	100	31.6	60	14.6	80	18.9	80	0.42	02

INFERENCE	**As per NAAQS Standards** **Report Status: - The analyzed values for above measured parameter are within the limits.**

Analysed by

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT:-

Note : 1. The results listed only to the tested samples & applicable parameters.
2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
5. Sampling is not done by us unless otherwise specified

MSV Analytical Laboratories

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(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)
C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1st & 2nd Floor)
Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (O):9945456764, 08392-255169
E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

TC- 4071

MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: TC407124000014258F **Report Issued Date: 28.06.2024**

1.	**Name of the Industry**	:	**M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2.	**Sample Collected By**	:	MSV Analytical Laboratories, Bellary.
3.	**Particulars of the sample collected**	:	Sample collected with FDS GTI-151 & PHD RDS -21
4.	**Date of Sampling**	:	22.06.2024
5.	**Date of Sample Receipt**	:	24.06.2024
6.	**Sample Code**	:	21558
7.	**Analysis Starting Date**	:	24.06.2024
8.	**Analysis Completion Date**	:	27.06.2024

Name of the location	PM_{10} µg/ m^3		$PM_{2.5}$ µg/ m^3		SO_2 µg/ m^3		NO_X µg/ m^3		CO mg/ m^3	
	Result	Std.	Result	Std.	Result	Std.	Result	Std.	Result	Std.
	IS-5182 (Part-23) – 2006		MSVAL/SOP /AA/005		IS-5182 (Part-2) – 2001		IS-5182 (Part-6) – 2006		MSVAL/SOP /AA/007	
Near Office	57.4	100	26.3	60	12.7	80	15.5	80	0.42	02

INFERENCE	**As per NAAQS Standards** **Report Status: - The analyzed values for above measured parameter are within the limits.**

Analysed by

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT :-

MSV Analytical Laboratories BALLARI

Note : 1. The results listed only to the tested samples & applicable parameters.
2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
5. Sampling is not done by us unless otherwise specified

MSV Analytical Laboratories

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E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

TC- 4071

MSVAL/A/F/17/04

NOISE LEVEL MONITORING REPORT

Test Report No: TC407124000014259F **Report Issued Date: 28.06.2024**

1. **Name of the Industry** : **M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2. **Sample Collected By** : MSV Analytical Laboratories, Bellary.
3. **Date of Monitoring** : 22.06.2024
4. **Particulars of Sample Collected** : Noise meter
5. **Report Date** : 27.06.2024
6. **Method Adopted** : Instrument Manual Method

Sample Location	Sample Code	Time Frequency	Results			
			Maximum in Db(A) Leq	Minimum in Db(A) Leq	Avg. in Db(A) Leq	Permissible limits in Db(A) Leq
Near Main Gate Area	21559	10.00 am to 10.15 am	58.9	56.5	57.7	75
Near Office	21560	01.00 pm to 01.15 pm	52.7	50.1	51.4	

INFERENCE	**As per KSPCB Standards** **Report Status: - The Noise level for the all locations is within the limits.**

Analysed by

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT :-

MSV Analytical Laboratories BALLARI

Note : 1. The results listed only to the tested samples & applicable parameters.
2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

TC- 4071

MSVAL/W/F/13/03

ANALYSIS REPORT OF WATER QUALITY

Test Report No: TC407124000014260F **Report Issued Date: 28.06.2024**

1. **Name of the Industry** : **M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2. **Name of the Sample** : **Bore Well Water**
3. **Sample Collected By** : MSV Analytical Laboratories, Bellary.
4. **Sample Quantity** : 2 Liters
5. **Sample Description/condition** : Good/Satisfactory
6. **Date of sample Collecting** : 22.06.2024
7. **Date of Sample Receipt** : 24.06.2024
8. **Sample Code** : 21561
9. **Analysis Starting Date** : 24.06.2024
10. **Analysis Completion Date** : 27.06.2024

S.No	Parameters	Protocol	Unit	Result	IS 10500-2012	
					Acceptable limit	Permissible limit
Physical parameters						
1	Color	IS : 3025(part-4)	Hazen	<5	5	15
2	Odor	IS : 3025(part-5)	---	Agreeable	Agreeable	Agreeable
3	pH	IS : 3025(part-11)	---	7.8	6.5 - 8.5	No Relaxation
4	Turbidity	IS : 3025(part-10)	NTU	0.50	1	5
Chemical parameters						
5	Alkalinity	IS : 3025(part-23)	mg/l	231	200	600
6	Total Dissolved Solids	IS : 3025(part-16)	mg/l	710	500	2000
7	Total Hardness as $CaCO_3$	IS : 3025(part-21)	mg/l	872	200	600
8	Calcium as Ca	IS : 3025(part-40)	mg/l	61.8	75	200
9	Magnesium as Mg	IS : 3025(part-46)	mg/l	174.3	30	100
10	Sulphate as SO_4	IS : 3025(part-24)	mg/l	90.1	200	400
11	Chloride as Cl	IS : 3025(part-32)	mg/l	118.6	250	1000
12	Nitrate as NO_3	IS : 3025(part-34)	mg/l	3.1	45	No Relaxation
13	Iron as Fe	IS : 3025(part-53)	mg/l	BDL(0.01)	0.3	No Relaxation
14	Fluoride as F	IS : 3025(part-60)	mg/l	0.51	1.0	1.5

INFERENCE	**IS 10500 – 2012 Standards** **BDL – Below Detectable Limit** **Report Status: - The above parameters are within the Permissible limits.**

Analysed by

Authorized Signatory

Ramana Gouda
Senior Chemist

MSV Analytical Laboratories BALLARI

Note : 1. The results listed only to the tested samples & applicable parameters.
2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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TC- 4071

MSVAL/A/F/16/01

ANALYSIS REPORT OF SOIL QUALITY

Test Report No: TC407124000014261F **Report Issued Date: 28.06.2024**

1.	**Name of the Industry**	:	**M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2.	**Name of the sample**	:	**Soil Sample**
3.	**Sample Collected By**	:	MSV Analytical Laboratories, Bellary.
4.	**Date of Sample Collection**	:	22.06.2024
5.	**Date of Sample Receipt**	:	24.06.2024
6.	**Sample code**	:	21562
7.	**Analysis Start Date**	:	24.06.2024
8.	**Analysis Completion Date**	:	27.06.2024

S. No	Parameter	Protocol	Units	Results
Parameters				
1	pH	IS: 2720 (P26) – 1987	---	7.46
2	Electrical Conductivity	IS: 14767 – 2000	mS/cm	0.403
3	Moisture content	IS: 2720 (P2)	%	6.26
4	Organic Carbon	IS: 2720 (P17) – 1972	%	0.42

Analysed by

Authorized Signatory
Ramana Gouda
Senior Chemist

MSV Analytical Laboratories BALLARI

Note : 1. The results listed only to the tested samples & applicable parameters.
2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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TC- 4071

MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: TC407124000021120F **Report Issued Date: 28.09.2024**

1. **Name of the Industry** : **M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2. **Sample Collected By** : MSV Analytical Laboratories, Bellary.
3. **Particulars of the sample collected** : Sample collected with FDS GTI-151 & PHD RDS -21
4. **Date of Sampling** : 20.09.2024
5. **Date of Sample Receipt** : 21.09.2024
6. **Sample Code** : 32419
7. **Analysis Starting Date** : 21.09.2024
8. **Analysis Completion Date** : 27.09.2024

Name of the location	PM_{10} µg/ m^3		$PM_{2.5}$ µg/ m^3		SO_2 µg/ m^3		NO_X µg/ m^3		CO mg/ m^3	
	Result	Std.	Result	Std.	Result	Std.	Result	Std.	Result	Std.
	IS-5182 (Part-23) – 2006		MSVAL/SOP /AA/005		IS-5182 (Part-2) – 2001		IS-5182 (Part-6) – 2006		MSVAL/SOP /AA/007	
Near Main Gate Area	62.4	100	28.6	60	12	80	19.9	80	0.28	02

INFERENCE	**As per NAAQS Standards** **Report Status: - The analyzed values for above measured parameter are within the limits.**

Analysed by

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT :-

Note : 1. The results listed only to the tested samples & applicable parameters.
2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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TC- 4071

MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: TC407124000021121F **Report Issued Date: 28.09.2024**

1.	**Name of the Industry**	:	**M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2.	**Sample Collected By**	:	MSV Analytical Laboratories, Bellary.
3.	**Particulars of the sample collected**	:	Sample collected with FDS GTI-151 & PHD RDS -21
4.	**Date of Sampling**	:	20.09.2024
5.	**Date of Sample Receipt**	:	21.09.2024
6.	**Sample Code**	:	32420
7.	**Analysis Starting Date**	:	21.09.2024
8.	**Analysis Completion Date**	:	27.09.2024

Name of the location	PM_{10} µg/ m^3		$PM_{2.5}$ µg/ m^3		SO_2 µg/ m^3		NO_X µg/ m^3		CO mg/ m^3	
	Result	Std.	Result	Std.	Result	Std.	Result	Std.	Result	Std.
	IS-5182 (Part-23) – 2006		MSVAL/SOP /AA/005		IS-5182 (Part-2) – 2001		IS-5182 (Part-6) – 2006		MSVAL/SOP /AA/007	
Near Office	50.2	100	21.6	60	11	80	13.9	80	0.20	02

INFERENCE	**As per NAAQS Standards** **Report Status: - The analyzed values for above measured parameter are within the limits.**

Analysed by

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT :-

MSV Analytical Laboratories BALLARI

Note : 1.The results listed only to the tested samples & applicable parameters.
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E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

TC- 4071

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	**Name and Address of the Industry**	:	**M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2.	**Stack ID**	:	**1010 KVA DG Set**
3.	**Sample Collected By**	:	MSV Analytical Laboratories, Bellary
4.	**Date of Monitoring**	:	20.09.2024
5.	**Date of Sample Receipt**	:	21.09.2024
6.	**Sample Code**	:	32916
7.	**Analysis Starting Date**	:	21.09.2024
8.	**Analysis Completion Date**	:	27.09.2024
9.	**Report Issue date**	:	28.09.2024

Discipline: Chemical **Group: Atmospheric Pollution** **Sub Group: Stack emission**

ULR No: TC407124000021118F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	Diesel
Ambient Temperature (°C)	33
Stack Temperature (°C)	126
Velocity (m/s)	6.8
Height (m)	30 mtr AGL
Diameter (m)	0.2
Cross sectional area (m^2)	0.03143

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) – 2019	mg/Nm^3	66.9	Not Stipulated
Sulphur dioxide	IS-11255(Part-2) - 2019	PPM	16.7	---
Nitrogen dioxide	IS-11255(Part-7) – 2017	PPM	33.5	---
Carbon Monoxide as CO	IS 13270 (Orsat Apparatus USEPA 3A:1989)	PPM	3.74	---
NMHC (C)	MSVAL/SOP/SE/003	PPM	6.59	---

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

-: END OF REPORT :-

Note : 1. The results listed only to the tested samples & applicable parameters.
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TC- 4071

MSVAL/A/F/17/04

NOISE LEVEL MONITORING REPORT

Test Report No: TC407124000021122F **Report Issued Date: 28.09.2024**

1. **Name of the Industry** : **M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2. **Sample Collected By** : MSV Analytical Laboratories, Bellary.
3. **Date of Monitoring** : 20.09.2024
4. **Particulars of Sample Collected** : Noise meter
5. **Report Date** : 27.09.2024
6. **Method Adopted** : Instrument Manual Method

Sample Location	Sample Code	Time Frequency	Results			
			Maximum in Db(A) Leq	Minimum in Db(A) Leq	Avg. in Db(A) Leq	Permissible limits in Db(A) Leq
Near Main Gate Area	32421	10.00 am to 10.15 am	59.4	57.2	58.3	75
Near Office	32422	01.00 pm to 01.15 pm	53.1	51.7	52.4	

INFERENCE	**As per KSPCB Standards** **Report Status: - The Noise level for the all locations is within the limits.**

Analysed by

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT:-

MSV Analytical Laboratories BALLARI

Note : 1. The results listed only to the tested samples & applicable parameters.
2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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TC- 4071

MSVAL/W/F/13/03

ANALYSIS REPORT OF WATER QUALITY

Test Report No: TC407124000021123F **Report Issued Date: 28.09.2024**

1. **Name of the Industry** : **M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2. **Name of the Sample** : **Bore Well Water**
3. **Sample Collected By** : MSV Analytical Laboratories, Bellary.
4. **Sample Quantity** : 2 Liters
5. **Sample Description/condition** : Good/Satisfactory
6. **Date of sample Collecting** : 20.09.2024
7. **Date of Sample Receipt** : 21.09.2024
8. **Sample Code** : 32423
9. **Analysis Starting Date** : 21.09.2024
10. **Analysis Completion Date** : 27.09.2024

S.No	Parameters	Protocol	Unit	Result	IS 10500-2012	
					Acceptable limit	Permissible limit
Physical parameters						
1	Color	IS : 3025(part-4)	Hazen	<5	5	15
2	Odor	IS : 3025(part-5)	---	Agreeable	Agreeable	Agreeable
3	pH	IS : 3025(part-11)	---	7.28	6.5 - 8.5	No Relaxation
4	Turbidity	IS : 3025(part-10)	NTU	0.4	1	5
Chemical parameters						
5	Alkalinity	IS : 3025(part-23)	mg/l	236	200	600
6	Total Dissolved Solids	IS : 3025(part-16)	mg/l	694	500	2000
7	Total Hardness as $CaCO_3$	IS : 3025(part-21)	mg/l	296	200	600
8	Calcium as Ca	IS : 3025(part-40)	mg/l	64	75	200
9	Magnesium as Mg	IS : 3025(part-46)	mg/l	33	30	100
10	Sulphate as SO_4	IS : 3025(part-24)	mg/l	84	200	400
11	Chloride as Cl	IS : 3025(part-32)	mg/l	190	250	1000
12	Nitrate as NO_3	IS : 3025(part-34)	mg/l	2.8	45	No Relaxation
13	Iron as Fe	IS : 3025(part-53)	mg/l	BDL(0.01)	0.3	No Relaxation
14	Fluoride as F	IS : 3025(part-60)	mg/l	0.46	1.0	1.5

INFERENCE	IS 10500 – 2012 Standards BDL – Below Detectable Limit Report Status: - The above parameters are within the Permissible limits.

Analysed by

Authorized Signatory

Ramana Gouda
Senior Chemist

MSV Analytical Laboratories BALLARI

Note : 1.The results listed only to the tested samples & applicable parameters.
2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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TC- 4071

MSVAL/A/F/16/01

ANALYSIS REPORT OF SOIL QUALITY

Test Report No: TC407124000021124F **Report Issued Date: 28.09.2024**

1.	**Name of the Industry**	:	**M/s. Shilpa Biocare Private Limited, Plot No.286, 287, 288, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk & District, Karnataka.**
2.	**Name of the sample**	:	**Soil Sample**
3.	**Sample Collected By**	:	MSV Analytical Laboratories, Bellary.
4.	**Date of Sample Collection**	:	20.09.2024
5.	**Date of Sample Receipt**	:	21.09.2024
6.	**Sample code**	:	32424
7.	**Analysis Start Date**	:	21.09.2024
8.	**Analysis Completion Date**	:	27.09.2024

S. No	Parameter	Protocol	Units	Results
Parameters				
1	pH	IS: 2720 (P26) – 1987	---	7.25
2	Electrical Conductivity	IS: 14767 – 2000	mS/cm	0.326
3	Moisture content	IS: 2720 (P2)	%	6.41
4	Organic Carbon	IS: 2720 (P17) – 1972	%	0.29

Analysed by

Authorized Signatory

Ramana Gouda
Senior Chemist

Note : 1.The results listed only to the tested samples & applicable parameters.
2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
5. Sampling is not done by us unless otherwise specified

Annexure-V

ಕೋವಿಡ್: 7 ಜನರು ಗುಣಮುಖ

ವಿದ್ಯಾರ್ಥಿಗಳ ಮನವಿಗೆ ಸಿಗದ ಸ್ಪಂದನೆ: ಡಿಪೊ ವ್ಯವಸ್ಥಾಪಕರ ನಿರ್ಲಕ್ಷ್ಯ-ಆರೋಪ

ಇಲ್ಲದ ಬಸ್ ಸೌಕರ್ಯ: ನಿತ್ಯ ಕಾಲ್ನಡಿಗೆ!

• ಡಿ.ಜಿ.ಕುಮಾರ್



ಬಸ್ಸಿಗಾಗಿ ವಿದ್ಯಾರ್ಥಿಗಳು ಬೆಳಿಗ್ಗೆಯಿಂದಲೂ ಕಾಯುತ್ತಿರುವುದು

ಸ್ಥಳೀಯ ಪ್ರತಿನಿಧಿಗಳ ವಿರುದ್ಧ ಆಕ್ರೋಶ

ಸೌಲಭ್ಯ ಕಲ್ಪಿಸುವಲ್ಲಿ ವಿಫಲ

ಸಂಚಾರ ಮಾರ್ಗದಲ್ಲಿ ಬದಲಾವಣೆ

ಅಧಿಕಾರಿಗಳ ವಿರುದ್ಧ ಆಕ್ರೋಶ

ಸೌಲಭ್ಯ ಕಲ್ಪಿಸಲು ಮನವಿ

ಮಸ್ಕಿ: ಫೆಬ್ರುವರಿಯಲ್ಲಿ ಪ್ರಥಮ ಸಾಹಿತ್ಯ ಸಮ್ಮೇಳನ

ಹೆಣ್ಣುಮಕ್ಕಳಿಗೆ ಸ್ವಾವಲಂಬಿ ಜೀವನ ಕಲಿಸಿ: ಉಮಾ

ಎಲ್ಲಂದರಲ್ಲಿ ಕಸದ ರಾಶಿ: ಆನಾರೋಗ್ಯದ ಭೀತಿ

ಹಟ್ಟಿ ಪಟ್ಟಣಕ್ಕಿಲ್ಲ ಕಸ ವಿಲೇವಾರಿ ಘಟಕ!

• ಅಮರೇಶ ಸುಬಾಷ



ಹಟ್ಟಿ ಪಟ್ಟಣದ ಹೊರ ಬದಿ ರಸ್ತೆಯಲ್ಲಿ ರಾಶಿಯಾಗಿ ಬಿದ್ದಿರುವ ಕಸ

ಕಸ ವಿಲೇವಾರಿ ಮಾಡಲು ಸ್ಥಳ ಗುರುತಿಸಲಾಗಿದೆ. ಜಾಗ ಸ್ವಚ್ಛಗೊಳಿಸಿ ಕಾಂಪೌಂಡ್ ನಿರ್ಮಿಸಿ, ಮಾಹಿತಿ ಫಲಕ ಅಳವಡಿಸಲಾಗುವುದು.

ಪಿಡಿಒ ಹಟ್ಟಿ ಪಟ್ಟಣ ಪಂಚಾಯಿತಿ

ಬಿಜೆಪಿ ವಿಗರ ಘಟಕ ಅಧ್ಯಕ್ಷ, ಕಾರ್ಯದರ್ಶಿ ನೇಮಕ

ಕಲ್ಲುಡಿ ಚೌಡೇಶ್ವರಿ ರಥೋತ್ಸವ

ಮನೆಗಳ ಸ್ಥಳಾಂತರಕ್ಕೆ ಒತ್ತಾಯ

ಸೌಕರ ಒಕ್ಕೂಟಕ್ಕೆ ಬಿರಾದಾರ್ ನೇಮಕ

ಸ್ಲಂ ಹಬ್ಬ ಇಂದು

'₹2.5 ಕೋಟಿ ಅನುದಾನ ಬಿಡುಗಡೆ'

ಶೋಷಿತರು ಕುಲಿಗಮ್ಮ ದೇಗು ಉತ್ಸವ: ಪೊಲೀಸರಿಗೆ ನಡುವೆ ಮಾತಿನ ಚಕಮಕಿ

'ಜಾತ್ರೆ ವಿಧಿವಿಧಾನಕ್ಕೆ ಅವಕಾಶ ನೀಡಿ'



ಮುಜರಾಯಿ ಸಚಿವ ಕೋಟಾ ಶ್ರೀನಿವಾಸ ಪೂಜಾರಿ ಅವರಿಗೆ ಮನವಿ ಪತ್ರ ನೀಡಿದ ಪೂಜಾರಿ ಸಮುದಾಯದ ಮುಖಂಡರು

SHILPA ALBUMIN PRIVATE LIMITED
Plot No:256, 257, 258, Kaivanchar Industrial Area, Village Siddechur, Taluk and District Raigad, Karnataka.
Environmental Clearance obtained for the Shilpa Albumin Private Limited for Setting up of active pharmaceutical ingredients (APIs), Intermediates and Recombinant Human Albumin Manufacturing Industry.
EC No:F.No.IA-J-11011/382/2020-IA-II(I)
Dated:25-01-2021
Details are available at www.moef.nic.in
Sd/- MANAGING DIRECTOR.

ಸಣ್ಣ ನೀರಾವರಿ ಇಲಾಖೆ, ಕಲಬುರಗಿ
ದೂ. : 08472-278672, ಫ್ಯಾಕ್ಸ್ : 08472-278804
ಇ-ಪ್ರೊಕ್ಯೂರ್‌ಮೆಂಟ್ ಮೂಲಕ ಪ್ರಕಟಣೆ
www.eproc.karnataka.gov.in

ನೀರಾವರಿ ಯೋಜನೆಗಳು, ಕಲಬುರಗಿ ವಿಭಾಗ, ಕಲಬುರಗಿ
ಇ-ಪ್ರೊಕ್ಯೂರ್‌ಮೆಂಟ್ e-procurement portal

Annexure-VI

O/C

Shilpa Albumin Private Limited
Registered Office: # 12-6-214/A-1, Hyderabad Road,
Raichur – 584 135, Karnataka, India
Tel: +91-8532-238704, Fax: +91-8532-238876
Email: info@vbshilpa.com

CIN: U24304KA2020PTC131457

SAPL/EHS/01/20-2021 Date: 28.01.2021

To
The President,
Kadechur Grama Panchayath,
Yadgir District,
Karnataka - 585221.

Respected Sir,

Sub : Regarding Submission of Environmental Clearance copy of Shilpa Albumin Private Limited.
Ref : EC No F.No.IA-J-11011-302-2020-IA-II(I) dated 25-01-2021

We are pleased to inform your kind office that M/S Shilpa Albumin Private Limited., Plot No: 286,287,288,Kadechur Industrial Area, Village Kadechur, Taluk and District Yadgir, Karnataka have been granted Environmental Clearance (EC) for Setting up of active pharmaceutical ingredients (APIs), Intermediates and Recombinant Human Albumin Manufacturing Industry.by Ministry of Environment, Forest & Climate Change, Government of India. The copy of the EC is attached here with.

Kindly acknowledge the receipt of the same.

Yours faithfully,

For Shilpa Albumin Private Limited.

Authorized Signatory.

Enclosed 8 pages

Rcvd 3-02-2021 P.D.O Kadechur