

Ref. No-CIPLA/EHS-ENV/KKB-III/015/2021

29.11.2021

Deputy Director General of Forests (Central),
West Central Zone,
Regional Office,
New Secretariate Building,
Opp. VCA Ground,
Civil Lines,
Nagpur-440 001.

Subject: Half Yearly Environment Clearance Compliance Report

Ref. No: Environment clearance No. J-11011/47/2005-IA II (I) dated 13.10.2005

Respected Sir,

With reference to above subject, we are hereby submitting the six-monthly Environment clearance compliance report for the period of June-2021 to Nov-2021

1. Point wise compliance to clearance No. J-11011/48/2005-IA II (I) dated 05.04.2006 as Annexure -1.
2. Data sheet attached as Annexure-2

This is for your information.

Kindly acknowledge the receipt of the same.

Thanking You,

Your's faithfully,

For Cipla Ltd.



Authorized Signatory

Encl: As Above.

**SIX MONTHLY COMPLIANCE STATUSES TO THE CONDITIONS OF
ENVIRONMENTAL CLERANCE FROM MoEF FOR THE PERIOD
June 2021 To November 2021.**

REF.NO. J-11011/47/2005- IAll (I) Dt.13.10.2005

A) SPECIFIC CONDITIONS AND THEIR COMPLIANCE:

Sr No.	Condition	Status
1	The gaseous emissions (SO ₂ , NO _x , NH ₃ & HCl) and particulate matters, from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.	The emission level at present fully conforms to the standards for the current project. The plan for monitoring of AAQ, work- zone air quality and source emissions to check the emission level is already put in place. We assure you that we will put our best efforts on the control measures of pollution control system to achieve highest efficiency to the existing project as well as for the expansion. Photocopy of Reports attached as per Annexure - I
2	Ambient Air Quality Monitoring Stations shall be set up in the down wind direction as well as where maximum ground level concentration are anticipated in consultation with the SPCB.	Site already fixed the locations for AAQ monitoring in the downwind direction as well as where maximum ground level concentration are anticipated in consultation with MPCB & this will be followed in future also (monitoring frequency is quarterly by authorized laboratory/consultancy) Photocopy of Reports attached as per Annexure - II
3	For control of air emissions, the reactors shall be provided with scrubbers and stack height shall be as per the Central Pollution Control Board guidelines.	For control of air emission, scrubbers are provided, and stack height is provided as per CPCB guidelines. Photocopy of Reports attached as per Annexure - III
4	Spent solvents shall be recovered as far as possible & recovery shall not be less than 95 percent. During purification process, solvent vapors are emitted from purification tanks as fugitive emissions. Action shall be taken to reduce the emission as far as possible. Use of toxic solvents like Methylene Chloride (MDC) etc. shall be minimum. All venting equipment shall have recovery system.	Sites recover the solvent wherever possible, two stage condensers have been provided for recovery on the reactors. It will be always our efforts to reduce the consumption of solvents like Methylene Chloride.
5	Industry shall switch over to aqueous based coating film in place of use of Methylene Chloride in coating	Site is currently bulk drug manufacturer & do not carry out any coating activity by

	to authorized reprocessor. Spent catalyst, expired medicines, spent mother liquor; chemical sludge, oil and ETP residue and sludge from the wet scrubber shall be incinerated. Spent solvents shall be sold to authorized reprocesses. The ash obtained after incineration shall be disposed off at TSDF developed by M/s Maharashtra Enviro Power Ltd. at Ranjangaon.	Photocopy of TSDF membership certificate refer as Annexure – IV
12	The company shall develop rainwater harvesting structures to harvest the runoff water for recharge of ground water.	Site has developed rainwater-harvesting tank of approximate 25 m ³ size.
13	Green belt shall be provided in an area of 33 percent of plant area to mitigate the effects of fugitive emissions all around the plant. Development of green belt shall be as per the Central Pollution Control Board guidelines.	Site has earmarked green belt area as per CPCB guideline and at present 57% of total open area (8201 Sq. Mtr.) is covered in green belt area.
14	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories act.	A procedure has been put in place that all the employees undergo pre-employment medical checkup followed by yearly medical checkup from a approved & qualified doctor & records are maintained as per factories act.

B. GENERAL CONDITIONS AND THEIR COMPLANCE

Sr. No	Condition	Status
1	The project authorities shall strictly adhere to the stipulations made by the Maharashtra Pollution Control Board.	Site comply & continue to comply in future with the conditions made by the Maharashtra Pollution Control Board. Copy of Consent to operate attached as Annexure -VI
2	At no time the emissions shall exceed the prescribed limits in the event of Failure of any Pollution control system adopted by the unit, the unit shall be immediately put off operation and shall not be restarted until the desired efficiency has been achieved.	Site maintains emissions as per prescribed limits and continue to follow in future also. The critical spare inventory is maintained to attend the breakdown of system.
3	No further expansion or modifications in the plant shall be carried out without Prior approval of the Ministry of Environment and Forest. In case of deviations or alterations in the project proposal from those submitted to this Ministry for Clearance, a fresh reference shall be made to the Ministry to assess the Adequacy of conditions imposed and to add additional environmental protection Measures required, if any.	Site will seek prior approval of MoEF in case we undergo such an activity of Expansion or Modification.
4	The project authorities shall strictly comply with the rules and regulations Under Manufacture, storage and	Site strictly comply the rules and regulations and continue to follow them.

	by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at website of the Ministry at http://envfor.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 vernacular language of locality concerned and a copy of the same shall be forwarded to the Ministry's Regional Office at Nagpur	Language Newspaper (Loksatta) and in English News Paper (Indian Express). A copy of the same is enclosed herewith as Annexure-IX
12	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.	Manufacturing activity of Completed project started in May 2014.

Monitoring the Implementation of Environmental Safeguards
Ministry of Environment & Forests
Regional Office (w), Bhopal.
Monitoring Report

PART – I

DATA SHEET

Date: 29.11.2021

1. Project type: River –valley /Mining : Industry
Industry /Thermal /Nuclear/ other (specify)
2. Name of the project : Bulk Drug manufacturing Plant
3. Clearance letter (s) / OM no. and date : No. J -11011/47/2005 - IA II (I)
Dated 13th October, 2005
4. Location :
 - a) District (s) Pune
 - b) State (s) Maharashtra
 - c) Latitude/Longitude 18° 21' N / 74° 31' E
5. Address for correspondence:
 - a) Address of concerned project : Mr. Sanjay Berad
Chef Engineer (with pin code & telephone / fax numbers)
Cipla Limited
D -22, MIDC area Kurkumbh
Tal – Daund, Dist: – Pune
Pin code - 413802
Tel No – 02117-**230100**
Tel Fax – 02117- **230232**
Email –Sanjay.Berad@Cipla.com
 - b) Address of Executive Project : Mr. Sanjay Berad
Engineer/ Manager (with pin code/ Fax numbers)
Cipla Limited
D –22, MIDC area Kurkumbh
Tal – Daund, Dist – Pune
Pin code - 413802
Email –Sanjay.Berad@Cipla.com
Tel No –02117-**230515**
Tel Fax – 02117- **230232**
6. Salient features:
 - a) Of the project : Bulk drugs manufacturing plant
 - b) Of the environmental management plans : as per MPCB consent to
Operate norms vide letter No.
Formate1.0/CAC/UAN No
0000109542/CR-2107001039
Valid up to 30.04.2024.

11. The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information : Nil
12. Status of construction :
 - a) Date of commencement (Actual and/or planned) : Project completed in April 2013.
 - b) Date of completion (Actual and /of planned): Phase I Manufacturing is Started from March 2008
Project completed manufacturing started in May 2014.
13. Reasons for the delay if the project is yet to start :
14. Date of site visits : 12/12/ 2007
 - a) The dates on which the project was monitored by the Regional office on Previous occasions, if any :
 - b) Date of site visit for this monitoring report : -
15. Details of correspondence with project Authorities for obtaining action plans/ Information on status of compliance to Safeguards other than the routine letters for logistic support for site visits) : -

(The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently) :



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB. : H-54, Additional M.I.D.C., Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.

Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF. : 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.

Tel. : (022) 25777069 / 70

TEST CERTIFICATE

No. GLH/W/0252/20

Date: 20/02/2020

SUMMARY REPORT OF

INDUSTRIAL HYGIENE MONITORING

AT M/s CIPLA LIMITED (D - 22) UNIT No 3, KURKUMBH - PUNE

Analysis of Organic Vapours / Respirable Dust:-

Sr. No	Date & Shift	Area / Location	Name of Operator	Pollutant	Result	
					Concentration	Limit
01	04.02.20 15:50 to 17:50	BD-I, Finishing Area, JM-102 Room No. 1210	Mr. Pawar D R Emp.No. 26839	Respirable Dust	1.86 mg/m ³	5.0 mg/m ³
02	04.02.20 15:40 to 17:40	BD-IV PP Area Drying Area-I, MM-402 Room No. 3043	Mr. Akshay Dapal Emp.No. 132414	Respirable Dust	1.25 mg/m ³	5.0 mg/m ³

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

CHECKED BY

RESULTS (mg/m³ : ppm)

Compound Name	Respirable Dust
Concentration	1.86 mg/m ³
8 HR TWA Limit	5.0 mg/m ³
O.E.L.	
S.T.E.L.	
CON. / O.E.L.	

ACTIVITIES

1] Routine production activity like Milling.

MATERIALS HANDLED

Solvent :- NA

Solid RM :- Dolutegravir Sodium From C

Product :- Dolutegravir Sodium From C

Conclusion:

Personal exposure to the **Respirable Dust** while carrying out routine production activity like Milling was found out to be **1.86 mg/m³** which is **below** limit of **5.0 mg/m³** TWA for 8 hrs.

For Gadark lab Pvt. Ltd.

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RESULTS (mg/m³ : ppm)

Compound Name	Respirable Dust
Concentration	1.25 mg/m ³
8 HR TWA	5.0 mg/m ³
O.E.L.	
S.T.E.L.	
CON. / O.E.L.	

ACTIVITIES

1] Routine production activity like Milling.

MATERIALS HANDLED

Solvent :- NA
Solid RM :- Dolutegravir
Product :- Dolutegravir

Conclusion:
Personal exposure to the **Respirable Dust** while carrying out the routine production activity like Milling in finishing area was found out to be **1.25 mg/m³** which is below limit of **5.0 mg/m³** TWA for 8 hrs.

For Gadark lab Pvt. Ltd.

Signature





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TEST CERTIFICATE

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/21/11/188	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL. - DAUND, DIST. - PUNE.		
Letter Ref / Date	---	Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	18/11/2021
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	19/11/2021 To 23/11/2021

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Near Main Gate	Near D. G. Set Area
Date of Sampling	16/11/2021	16/11/2021
Time of Sampling [Hrs]	10:30	10:50
Duration of Sampling [Hrs]	24	24
Ambient Temperature [°C]	Min. 22	Max. 30
Relative Humidity [%]	Min. 38	Max. 72

ANALYSIS REPORT :-

Parameters	Unit	Near Main Gate	D. G. Set Area	*N.A.A.Q.S.	Sampling & Analysis Methods
PM ₁₀	µg/m ³	64.65	60.23	100.0	IS 5182 (Part XXIII) 2006
PM _{2.5}	µg/m ³	32.89	30.55	60.0	USEPA FEM, 40 CFR Part 50, Appendix-L, 2014-2016
SO ₂	µg/m ³	35.91	30.87	80.0	IS 5182 (Part II) 2001
NO ₂	µg/m ³	38.23	33.49	80.0	IS 5182 (Part VI) 2006
CO	mg/m ³	1.23	1.18	2.0 for 8 Hrs.	IS 5182 (Part X) 1999
Lead	µg/m ³	0.14	0.13	1.0	IS 5182 (Part XXII) 2004
Ozone	µg/m ³	6.63	5.30	100.0 for 8 Hrs.	ISC Method of Air Sampling & Analysis 3 rd Edition, Method 411 2016
Ammonia	µg/m ³	6.25	4.58	400.0	ISC Method of Air Sampling & Analysis 3 rd Edition, Method 401 2016
Non Methane Hydrocarbon Benzene	µg/m ³	< 1.0	< 1.0	5.0	IS 5182 (Part 11) 2006
Benzo Pyrene	ng/m ³	< 0.1	< 0.1	1.0	IS 5182 (Part XII):2004
Arsenic	ng/m ³	< 0.4	< 0.4	6.0	IS 5182 (Part XXII) 2004
Nickel	ng/m ³	8.68	6.51	20.0	IS 5182 (Part XXII) 2004

*N.A.A.Q.S. – National Ambient Air Quality Standards

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

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Note :

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Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/21/11/189	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL. - DAUND, DIST. - PUNE.		
Letter Ref / Date	---	Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	18/11/2021
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	19/11/2021 To 23/11/2021

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Between BD III & D P Store Area			
Date of Sampling	16/11/2021			
Time of Sampling [Hrs]	11:20			
Duration of Sampling [Hrs]	24			
Ambient Temperature [°C]	Min.	22	Max.	30
Relative Humidity [%]	Min.	38	Max.	72

ANALYSIS REPORT :-

Parameters	Unit	Between BD III & DP Store	*N.A.A.Q.S.	Sampling & Analysis Methods
PM ₁₀	µg/m ³	58.23	100.0	IS 5182 (Part XXIII) 2006
PM _{2.5}	µg/m ³	30.19	60.0	USEPA FEM, 40 CFR Part 50, Appendix-L, 2014-2016
SO ₂	µg/m ³	32.65	80.0	IS 5182 (Part II) 2001
NO ₂	µg/m ³	35.42	80.0	IS 5182 (Part VI) 2006
CO	mg/m ³	1.04	2.0 for 8 Hrs.	IS 5182 (Part X) 1999
Lead	µg/m ³	0.09	1.0	IS 5182 (Part XXII) 2004
Ozone	µg/m ³	4.86	100.0 for 8 Hrs.	ISC Method of Air Sampling & Analysis 3 rd Edition, Method 411 2016
Ammonia	µg/m ³	3.75	400.0	ISC Method of Air Sampling & Analysis 3 rd Edition, Method 401 2016
Non Methane Hydrocarbon Benzene	µg/m ³	< 1.0	5.0	IS 5182 (Part 11) 2006
Benzo Pyrene	ng/m ³	< 0.1	1.0	IS 5182 (Part XII) 2004
Arsenic	ng/m ³	< 0.4	6.0	IS 5182 (Part XXII) 2004
Nickel	ng/m ³	5.26	20.0	IS 5182 (Part XXII) 2004

*N.A.A.Q.S. - National Ambient Air Quality Standards

End

For GADARK LAB PVT. LTD.

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TEST CERTIFICATE

Doc.No : GLPL/QF/7.8/02

Test Report No.	GA/21/11/183	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST.- PUNE		
Letter Ref / Date		Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	18/11/2021
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	19/11/2021 To 22/11/2021

SAMPLING DETAILS - STACK EMISSION

Stack Attached to	D. G. Set No. 3 750 KVA [S-5]
Stack Dimension [Mtr.]	0.2
Stack Height [Mtr.] (from above the Roof)	6.0
Type of Fuel	HSD
Date of Sample collection	16/11/2021
Time of Sampling [Hrs]	14.30
Temperature of flue gas [°C]	149
Average flue gas velocity [m/s]	9.5
Average volume of flue gas discharged [Nm ³ /hr]	755

ANALYSIS REPORT :

Parameters	Unit	Results	M.P.C.B. LIMITS	Sampling & Analysis Methods
TPM / SPM	mg/Nm ³	40.6	150.0	IS 11255 (Part I) 1985
Sulphur Dioxide	mg/Nm ³	111.5	72.0	IS 11255 (Part II) 1985
	ppm v/v	42.6		
	Kg/day	2.02		
Oxide of Nitrogen	mg/Nm ³	31.4	Not Specified	IS 11255 (Part VII) 2005
CO	mg/m ³	25.7	Not Specified	APHA-Edition II-134
CO ₂	mg/m ³	97.2	Not Specified	APHA-Edition II-134
Combustion Efficiency	%	70.7		

End

For GADARK LAB PVT. LTD.

[Signature]

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

[Signature]

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TEST CERTIFICATE

Doc.No : GLPL/QF/7.8/02

Test Report No.	GA/21/11/185	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST. - PUNE.		
Letter Ref / Date .		Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	18/11/2021
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	19/11/2021

SAMPLING DETAILS - SCRUBBER EMISSION

Stack Attached to	Bulk Drug II - Scrubber No. 207 [S - 3.6]
Date of Sample collection	17/11/2021
Time of Sampling [Hrs]	09:55
Duration of Sampling [Min]	15
Ambient Temperature [°C]	30
Flow Rate [LPM]	2
Volume of flue gas sampled [Lit. at 25°C]	29.5

ANALYSIS REPORT :

Parameters	Unit	Scrubber No. 207	M.P.C.B. LIMITS	Sampling & Analysis Methods
Acid Mist as HCl	mg/Nm ³	8.6	35.0	GLPL/SOP/A/10 : 2014
NOx	ppm	1.3	50.0	IS 11255 (Part VII) 2005

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
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TEST CERTIFICATE

Doc.No : GLPL/QF/7.8/02

Test Report No.	GA/21/11/186	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST. - PUNE.		
Letter Ref / Date .		Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	18/11/2021
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	19/11/2021

SAMPLING DETAILS - SCRUBBER EMISSION

Stack Attached to	Bulk Drug II - Scrubber No. 206 [S - 3.5]
Date of Sample collection	17/11/2021
Time of Sampling [Hrs]	09:10
Duration of Sampling [Min]	15
Ambient Temperature [°C]	30
Flow Rate [LPM]	2
Volume of flue gas sampled [Lit. at 25°C]	29.5

ANALYSIS REPORT :

Parameters	Unit	Scrubber No. 206	M.P.C.B. LIMITS	Sampling & Analysis Methods
Acid Mist as HCl	mg/Nm ³	12.0	35.0	GLPL/SOP/A/10 : 2014
NOx	ppm	1.7	50.0	IS 11255 (Part VII) 2005

End

For GADARK LAB PVT. LTD.

@vitalan

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

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Doc.No : GLPL/QF/7.8/02

Test Report No.	GA/21/11/187	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST. - PUNE.		
Letter Ref / Date		Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	18/11/2021
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	19/11/2021

SAMPLING DETAILS - SCRUBBER EMISSION

Stack Attached to	Bulk Drug IV - Scrubber No. 401 [S - 3.7]
Date of Sample collection	16/11/2021
Time of Sampling [Hrs]	15:30
Duration of Sampling [Min]	15
Ambient Temperature [°C]	30
Flow Rate [LPM]	2
Volume of flue gas sampled [Lit. at 25°C]	29.5

ANALYSIS REPORT :

Parameters	Unit	Scrubber No. 401	M.P.C.B. LIMITS	Sampling & Analysis Methods
Acid Mist as HCl	mg/Nm ³	10.3	35.0	GLPL/SOP/A/10 : 2014
NOx	ppm	1.5	50.0	IS 11255 (Part VII) 2005

End

For GADARK LAB PVT. LTD.


AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]


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5. Customer complaint register is available at laboratory.
6. Calibration details of the equipment's used in monitoring and / or analysis is back side of analysis report.



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.

Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.

Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST CERTIFICATE

Doc.No : GI PL/QF/7.8/02

Test Report No.	GA/21/11/179	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST.- PUNE		
Letter Ref / Date .	---	Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	18/11/2021
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	19/11/2021 To 22/11/2021

SAMPLING DETAILS - STACK EMISSION

Stack Attached to	Forbes Marshall Boiler MR No. 15855 (B-01) [S-2]
Stack Dimension [Mtr.]	0.76
Stack Height [Mtr.] (Height from Ground)	33.0
Type of Fuel	F.O.
Date of Sample collection	16/11/2021
Time of Sampling [Hrs]	11.45
Temperature of flue gas [°C]	142
Average flue gas velocity [m/s]	4.9
Average volume of flue gas discharged [Nm ³ /hr]	5718

ANALYSIS REPORT :

Parameters	Unit	Results	M.P.C.B. LIMITS	Sampling & Analysis Methods
TPM / SPM	mg/Nm ³	64.7	150.0	IS 11255 (Part I) 1985
Sulphur Dioxide	mg/Nm ³	213.0	260.0	IS 11255 (Part II) 1985
	ppm v/v	81.4		
	Kg/day	29.24		
Oxide of Nitrogen	mg/Nm ³	30.0	Not Specified	IS 11255 (Part VII) 2005
CO	mg/m ³	28.5	Not Specified	APHA-Edition II-134
CO ₂	mg/m ³	112.1	Not Specified	APHA-Edition II-134
Combustion Efficiency	%	71.4	--	

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

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TEST CERTIFICATE

Doc.No : GLPL/QF/7.8/02

Test Report No.	GA/21/11/180	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST.- PUNE		
Letter Ref / Date .	---	Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	18/11/2021
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	19/11/2021 To 22/11/2021

SAMPLING DETAILS - STACK EMISSION

Stack Attached to	Thermopac W-1701 A [S-1]
Stack Dimension [Mtr.]	0.30
Stack Height [Mtr.] (Height from Ground)	30.0
Type of Fuel	HSD
Date of Sample collection	16/11/2021
Time of Sampling [Hrs]	12.40
Temperature of flue gas [°C]	104
Average flue gas velocity [m/s]	4.3
Average volume of flue gas discharged [Nm ³ /hr]	865

ANALYSIS REPORT :

Parameters	Unit	Results	M.P.C.B. LIMITS	Sampling & Analysis Methods
TPM / SPM	mg/Nm ³	38.1	150.0	IS 11255 (Part I) 1985
Sulphur Dioxide	mg/Nm ³	104.0	23.0	IS 11255 (Part II) 1985
	ppm v/v	39.7		
	Kg/day	2.16		
Oxide of Nitrogen	mg/Nm ³	30.2	Not Specified	IS 11255 (Part VII) 2005
CO	mg/m ³	27.2	Not Specified	APHA-Edition II-134
CO ₂	mg/m ³	113.4	Not Specified	APHA-Edition II-134
Combustion Efficiency	%	72.7	---	

End

For GADARK LAB PVT. LTD.


AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]


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TEST CERTIFICATE

Doc.No: GLPL/QF/7.8/02

Test Report No.	GA/21/11/181	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST.- PUNE		
Letter Ref / Date	---	Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	18/11/2021
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	19/11/2021 To 22/11/2021

SAMPLING DETAILS - STACK EMISSION

Stack Attached to	D. G. Set No. 1 250 KVA [S-3]
Stack Dimension [Mtr.]	0.13
Stack Height [Mtr.] (from above the Roof)	4.0
Type of Fuel	HSD
Date of Sample collection	16/11/2021
Time of Sampling [Hrs]	13.20
Temperature of flue gas [°C]	136
Average flue gas velocity [m/s]	8.6
Average volume of flue gas discharged [Nm ³ /hr]	299

ANALYSIS REPORT :

Parameters	Unit	Results	M.P.C.B. LIMITS	Sampling & Analysis Methods
TPM / SPM	mg/Nm ³	39.3	150.0	IS 11255 (Part I) 1985
Sulphur Dioxide	mg/Nm ³	106.5	24.0	IS 11255 (Part II) 1985
	ppm v/v	40.7		
	Kg/day	0.77		
Oxide of Nitrogen	mg/Nm ³	28.2	Not Specified	IS 11255 (Part VII) 2005
CO	mg/m ³	32.1	Not Specified	APHA-Edition II-134
CO ₂	mg/m ³	117.0	Not Specified	APHA-Edition II-134
Combustion Efficiency	%	69.9	---	---

End

For GADARK LAB PVT. LTD.


AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]


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TEST CERTIFICATE

Doc.No : GLPL/QF/7.8/02

Test Report No.	GA/21/11/182	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST.- PUNE		
Letter Ref / Date .		Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	18/11/2021
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	19/11/2021 To 22/11/2021

SAMPLING DETAILS - STACK EMISSION

Stack Attached to	D. G. Set No. 2 500 KVA [S-4]
Stack Dimension [Mtr.]	0.2
Stack Height [Mtr.] (from above the Roof)	5.0
Type of Fuel	HSD
Date of Sample collection	16/11/2021
Time of Sampling [Hrs]	14.00
Temperature of flue gas [°C]	144
Average flue gas velocity [m/s]	9.3
Average volume of flue gas discharged [Nm ³ /hr]	750

ANALYSIS REPORT :

Parameters	Unit	Results	M.P.C.B. LIMITS	Sampling & Analysis Methods
TPM / SPM	mg/Nm ³	36.8	150.0	IS 11255 (Part I) 1985
Sulphur Dioxide	mg/Nm ³	94.1	48.0	IS 11255 (Part II) 1985
	ppm v/v	35.9		
	Kg/day	1.69		
Oxide of Nitrogen	mg/Nm ³	29.5	Not Specified	IS 11255 (Part VII) 2005
CO	mg/m ³	27.2	Not Specified	APHA-Edition II-134
CO ₂	mg/m ³	106.7	Not Specified	APHA-Edition II-134
Combustion Efficiency	%	71.4	---	---

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

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Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST CERTIFICATE

Doc. No: GLPL/QF/7.8/01

Test Certificate No.	GW/O/21/2880	T.C. Date:	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. UNIT NO 3, D - 22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL. - DAUND, DIST. - PUNE.		
Letter Ref/Date	---		
Lab Reference No.	GW/O/21/2880	Page No.	1 of 1
Sampling Plan	GLPL/QF/7.3/06	Sampling Method	APHA 1060
Sampling Done By	GLPL On 17/11/2021	Sample Received on	18/11/2021
Sample Collected by	GLPL	Analysis Period	18/11/2021 To 23/11/2021
Sample Description	RO permeate Sample, 5 lit in plastic bottle		

ANALYSIS REPORTS:

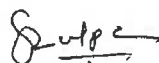
Parameters	Units	Test Result	Specification Range as per MPCB Limits	Methods
pH	---	7.01	5.5 To 9.0	APHA 4500 H ⁺
COD	mg/ltr	52	250 Max.	APHA 5220 B
BOD 3 days 27°C	mg/ltr	8	30 Max.	IS 3025 (Part 44) : 1993
Total Suspended Solids at 105°C	mg/ltr	12	100 Max.	APHA 2540 D
Total Dissolved Solids at 180°C	mg/ltr	380	2100 Max.	APHA 2540 C
Oil & Grease	mg/ltr	< 0.1	10 Max.	APHA 5520 B
Chlorides	mg/ltr	110.5	600 Max.	APHA 4500 Cl ⁻
Sulphates	mg/ltr	21.5	1000 Max.	APHA 4500 SO ₄ ²⁻ E
Sulphides	mg/ltr	< 0.001	0.2 Max	APHA 4500 SF

MODIFIED BIO-ASSAY TEST ON FISH ** :-

The Undiluted Treated Effluent was examined for Modified Bio-assay test on fish, which showed 98% survival in 96 hours. (Test Method : IS 6582/2003)

End

For GADARK LAB PVT. LTD.


AUTHORISED SIGNATORY
[SANTOSH V. ZULPE]


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Note:

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- Customer complaint register is available at laboratory.

**MAHARASHTRA
ENVIRO POWER LTD**

ISO 9001:2008 EMS 14001:2004 OHSAS 18001:2007 Certified Company
(Common Hazardous Waste Treatment, Storage and Disposal Facility)
The Corporate Identity Number (CIN) : U40105MH2005PLC150780

Doc No.: SMS/MEPL/IMS/MKT/PMC
Issue/Rev. No.: 04/00
Rev. Date: 01.02.2017

**MAHARASHTRA
ENVIRO POWER LTD**

*This is to certify that: **M/S. CIPLA LTD.**
Address : **UNIT III, D - 22 , MIDC Kurkumbh, Tal.- Daund, Dist. - Pune**
413802 a Valid member of CHWTSDF (As per MOU with MIDC & MPCB),
at Plot No. P-56, Ranjangaon MIDC, Taluka - Shirur, Pune - 412 220.*

Membership No. : MEPL/CPM014

Membership Period: 21 September 2017 to 20 September 2022

For Maharashtra Enviro Power Ltd.

[Signature]
Authorized signatory



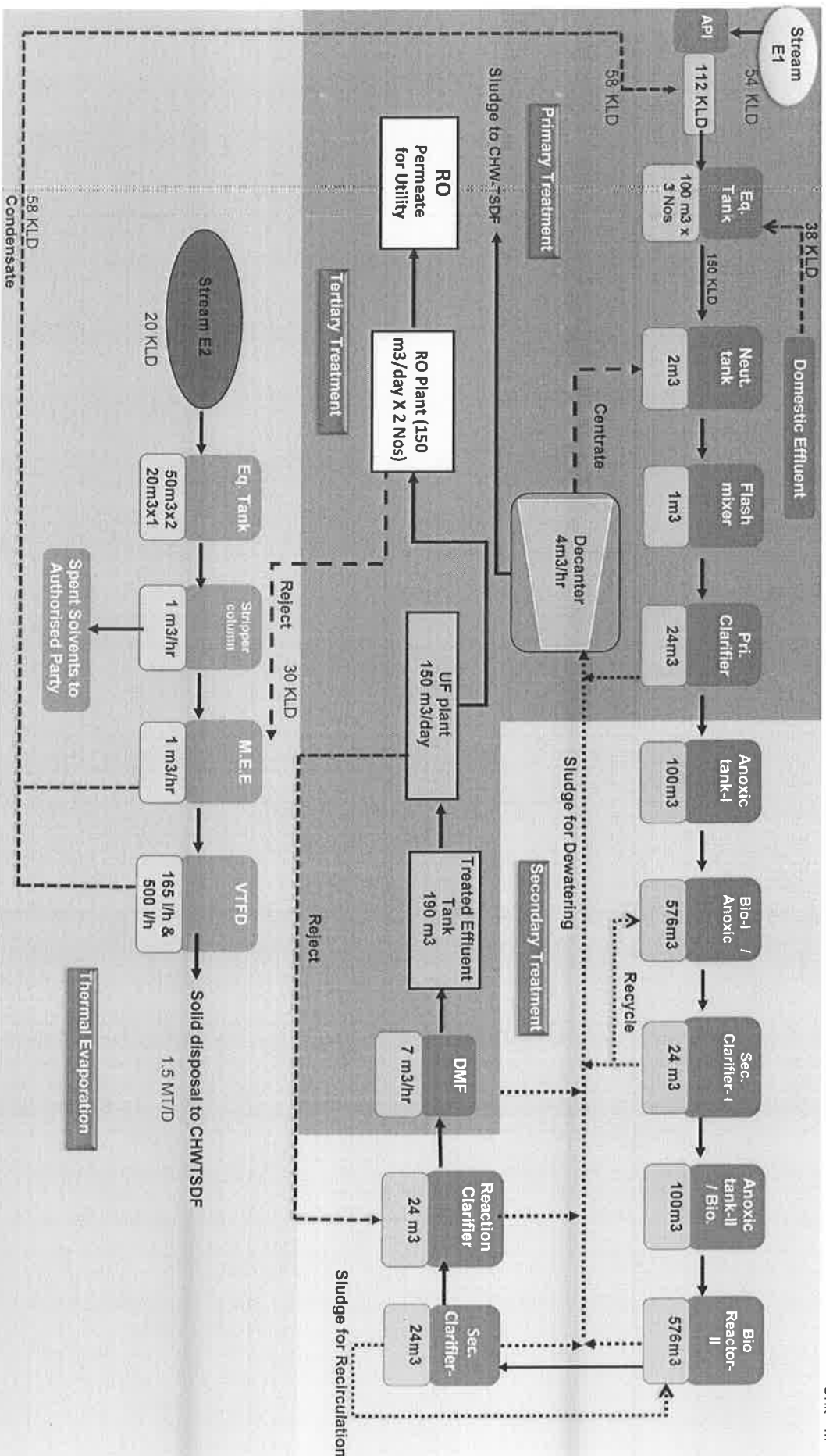
[Signature]
Marketing Coordinator

CHWTSDF : Plot No. P-56, Ranjangaon, Tal. Shirur, Dist. Pune. Pin-412220. Ph : +91-2138-670352, Telefax : +91-2138-670350

Pune Office : 301, Pentagon P-3, Magerpatia Township, Hadapsar,
Pune - 411028, (Mah), India. Ph. : +91-20-66801111 Fax : +91-20-66801100
E-mail : infomepl@smsl.co.in Web : www.smsenvocare.co.in, www.smsl.co.in
Regd. Office : 267, Ganesh Phadnavis Bhavan, Near Triangular Park,
Dharampeth, Nagpur, Ph. : +91-0712-2551952/53 Telefax : +91-0712-6665100

Marketing Office (Abd) : Bihari Bazar Commercial Complex, 1-Wing, 2nd Floor, Near API Corner,
MIDC Area, Chikalthana, Aurangabad - 431210. Ph. : +91-240-2473047 Fax : +91-240-2470145
E-mail : infomepl@smsl.co.in Web : www.smsl.co.in, www.smsmepl.com
Corporate Office : 20, IT Park, Parsodi, Nagpur - 440022
Ph. : +91-0712-6665000 Telefax : +91-0712-6665100

Capacity 150 m³/day





Maharashtra Pollution Control Board

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MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R58)

No:- Format1.0/CAC/UAN No.0000109542/CR - 2107001039

Date: 19/07/2024

To,
M/s Cipla Ltd.,
Plot No. D-22, MIDC Industrial Area, Kurkumbh,
Tal. Daund, Dist. Pune.



Your Service is Our Duty

Sub: Grant of renewal of Consent to Operate.

Ref: 1. Previous Consent to Operate accorded by the Board vide No. Format 1.0/BO/ CAC-Cell/ UAN No. 0000000345/ 4th CAC-10722 dtd. 30.11.2016.
2. Minutes of Consent Appraisal Committee meeting held on 21.05.2021 & 02.06.2021.

Your application No.MPCB-CONSENT-0000109542 Dated 26.02.2021

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to renewal is granted for a period up to 30/04/2024
2. The capital investment of the project is Rs.160.26 Crs. (As per C.A Certificate submitted by industry Previous C.I. Rs. 124.23 Crs + Increase in C.I. Rs. 36.03 Crs)
3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
Products			
Anti-Retroviral/Anti-Viral			
1	Abacavir Sulphate	35	MT/A
2	Dolutegravir Sodium	31	MT/A
3	Tenofovir Disoproxil Fumarate	9	MT/A
4	Tenofovir Alafenamide Fumarate	0.1	MT/A
5	Emtricitabine	8.8	MT/A
6	Nevirapine / Nevirapine Hemihydrate	1.5	MT/A
7	Remdesivir	0.5	MT/A
8	Zidovudine	0.5	MT/A
9	Oseltamivir Phosphate	20	MT/A
10	Valacyclovir Hydrochloride	0.2	MT/A



Maharashtra Pollution Control Board

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Sr No	Product	Maximum Quantity	UOM
38	Trimetazidine	1	MT/A

Total production shall not increase 150 MT/A.

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	112	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	38	As per Schedule-I	Sent to ETP

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Thermopac (2 x 2 Kcal/hr - 1 Standby)	1	As per Schedule -II
2	S-2	Boiler (2 x 2 TPH - 1 Standby)	1	As per Schedule -II
3	S-3 to S-5	DG Sets (250, 500 & 750 KVA)	3	As per Schedule -II
4	S-6 to S-12	Process Vents (7 Nos.)	7	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Plastic, Glass, Ferrous , Wooden & Metal Scrap.	132	MT/A	NA	Sale to Auth. Party/ Vendor

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	2.020	KL/A	Recycle	Sale to Auth. Party/ Recycler/ CHWTSDF
2	20.2 Spent solvents	3651.4	KL/A	Recycle/ Incineration	Sale to Auth. Party/ CHWTSDF
3	28.3 Spent carbon	10.6	MT/A	Incineration	CHWTSDF
4	28.5 Date-expired products	0.210	MT/A	Incineration	CHWTSDF
5	35.3 Chemical sludge from waste water treatment	42.1	MT/M	Landfill	CHWTSDF
6	37.1 Sludge from wet scrubbers	0.10	MT/A	Landfill after treatment	CHWTSDF
7	37.3 Concentration or evaporation residues	287.5	MT/A	Landfill after treatment	CHWTSDF



Maharashtra Pollution Control Board

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SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A) As per your application, you have segregated trade effluent into weak stream & strong stream and provided Effluent Treatment Plant (ETP) comprising of:
 - i) **Strong COD/TDS stream of 30 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank), Multi effect evaporator with design capacity of 30 CMD followed by Sludge treatment (VTFD (10 CMD)). The MEE condensate is treated in weak stream ETP.
 - ii) **Weak COD/TDS stream of 82 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank), Secondary (Any other, Unaerobic tank, Aerobic tank, Clarifier, Tube settler.), Tertiary (Pressure sand filter, Activated carbon filter), Advance treatment (Ultra-filtration and Reverse Osmosis (150 CMD).) with design capacity of 150 CMD.
- B) The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
- C) The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
2. A) As per your application, 38 CMD domestic effluent is send to Effluent Treatment Plant for further treatment & disposal.
- B) Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1B of schedule I.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The Industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mlne pits or boiler feed	60.00
2.	Domestic purpose	40.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	100.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00



Maharashtra Pollution Control Board

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Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant Standard	
S-12	Process Vent-7 (BD-IV)	Water Scrubber	9.00	-	-	HCl	35 Mg/Nm ³
						NOx	50 PPM

- The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- Solvent Management shall be carried out as follows:
 - Reactors shall be connected to Water / Chilled Water /Brine Condenser system.
 - Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
 - The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 97% overall recovery
 - Solvents shall be stored in a separate space specified with all safety measures.
 - Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.
 - Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
 - All the solvent storage tanks shall be connected with vent condensers with Water / chilled water / Brine circulation.
 - Fugitive emissions shall be controlled at 99.95% with effective chillers.
 - Solvent transfer shall be through pump.
 - Metering and control of quantities of active ingredients to minimize wastes.
 - Use of automatic filling to minimize spillage.
 - Use of close feed system into batch reactors.
 - Venting equipment through vapour recovery system.



Maharashtra Pollution Control Board

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- b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
8. The applicant shall maintain good housekeeping.
 9. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
 10. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The Industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
 11. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
 12. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
 13. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
 14. The Industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
 15. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
 16. The Industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 17. The PP shall provide personal protection equipment as per norms of Factory Act
 18. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.



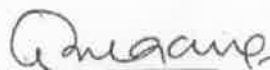
Maharashtra Pollution Control Board

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32. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
33. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
34. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
35. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
36. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
37. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.



For and on behalf of the
Maharashtra Pollution Control Board,


(Ashok Shingare IAS),
Member Secretary



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.

Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.

Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST CERTIFICATE

Doc.No : GLPL/QF/7.8/06

Test Report No.	GA/21/11/190	Test Report Date	23/11/2021
Customer Name and Address.	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL. - DAUND, DIST. - PUNE.		
Letter Ref / Date	---	Page No.	1 of 1
Sampling Plan	GLPL/QF/7.3/06	Measurement Done By	GLPL

NOISE LEVEL MEASUREMENT :

Date of Measurement	16/11/2021
Location	Near Main Gate
Test Method	GLPL/SOP/AA/17:2014

Time (Hrs.)	Noise Level dB(A)	Time (Hrs.)	Noise Level dB(A)
06:00	62.1	22:00	56.9
07:00	63.0	23:00	55.4
08:00	61.4	00:00	54.3
09:00	59.8	01:00	56.1
10:00	53.2	02:00	61.4
11:00	56.4	03:00	62.3
12:00	57.3	04:00	60.0
13:00	55.9	05:00	59.4
14:00	58.0	06:00	62.1
15:00	53.2		
16:00	60.0		
17:00	61.3		
18:00	57.3		
19:00	59.7		
20:00	55.0		
21:00	58.4		
22:00	56.9		
Day Time Leg	59.1	Night Time Leg	59.5
M.P.C.B. LIMIT	75.0	M.P.C.B. LIMIT	70.0

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

CHECKED BY

Note :

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Doc.No : GLPL/QF/7.8/06

Test Report No.	GA/21/11/191	Test Report Date	23/11/2021
Customer Name and Address.	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL. - DAUND, DIST. - PUNE.		
Letter Ref / Date	---	Page No.	1 of 1
Sampling Plan	GLPL/QF/7.3/06	Measurement Done By	GLPL

NOISE LEVEL MEASUREMENT :

Date of Measurement	16/11/2021
Location	Between BD III & D.P Store Area
Test Method	GLPL/SOP/AA/17:2014

Time (Hrs.)	Noise Level dB(A)	Time (Hrs.)	Noise Level dB(A)
06:15	59.8	22:15	54.0
07:15	57.2	23:15	57.5
08:15	54.8	00:15	53.2
09:15	56.4	01:15	55.0
10:15	58.1	02:15	56.7
11:15	59.3	03:15	54.3
12:15	58.3	04:15	57.0
13:15	60.0	05:15	56.9
14:15	57.2		
15:15	58.7		
16:15	53.2		
17:15	59.1		
18:15	57.2		
19:15	55.3		
20:15	54.8		
21:15	53.1		
Day Time Leq	57.3	Night Time Leq	55.8
M.P.C.B. LIMIT	75.0	M.P.C.B. LIMIT	70.0

End

For GADARK LAB PVT. LTD.


AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]


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Test Report No.	GA/21/11/192	Test Report Date	23/11/2021
Customer Name and Address.	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL. - DAUND, DIST. - PUNE.		
Letter Ref / Date	---	Page No.	1 of 1
Sampling Plan	GLPL/QF/7.3/06	Measurement Done By	GLPL

NOISE LEVEL MEASUREMENT :

Date of Measurement	16/11/2021
Location	Near Utility & ETP Area
Test Method	GLPL/SOP/AA/17:2014

Time (Hrs.)	Noise Level dB(A)	Time (Hrs.)	Noise Level dB(A)
06:50	62.2	22:50	59.3
07:50	60.0	23:50	53.2
08:50	61.4	00:50	56.0
09:50	63.2	01:50	58.1
10:50	60.7	02:50	53.2
11:50	62.8	03:50	60.3
12:50	61.0	04:50	61.4
13:50	62.2	05:50	64.8
14:50	58.4		
15:50	57.3		
16:50	58.1		
17:50	59.3		
18:50	58.4		
19:50	59.3		
20:50	52.0		
21:50	57.4		
Day Time Leq	60.0	Night Time Leq	59.9
M.P.C.B. LIMIT	75.0	M.P.C.B. LIMIT	70.0

End

For GADARK LAB PVT. LTD.

Chitalkar

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

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TEST CERTIFICATE

Doc.No : GLPL/QF/7.8/06

Test Report No.	GA/21/11/193	Test Report Date	23/11/2021
Customer Name and Address.	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL. - DAUND, DIST. - PUNE.		
Letter Ref / Date		Page No.	1 of 1
Sampling Plan	GLPL/QF/7.3/06	Measurement Done By	GLPL

NOISE LEVEL MEASUREMENT :

Date of Measurement	16/11/2021
Location	Near D. G. Set Area
Test Method	GLPL/SOP/AA/17:2014

Time (Hrs.)	Noise Level dB(A)	Time (Hrs.)	Noise Level dB(A)
06:30	57.3	22:30	55.8
07:30	58.4	23:30	56.1
08:30	60.0	00:30	53.2
09:30	53.2	01:30	58.4
10:30	57.1	02:30	54.3
11:30	53.3	03:30	56.9
12:30	55.9	04:30	53.2
13:30	58.1	05:30	59.4
14:30	59.0		
15:30	54.8		
16:30	53.2		
17:30	56.1		
18:30	53.0		
19:30	57.1		
20:30	58.9		
21:30	54.3		
Day Time Leq	56.5	Night Time Leq	56.4
M.P.C.B. LIMIT	75.0	M.P.C.B. LIMIT	70.0

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

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TEST CERTIFICATE

Doc.No : GLPL/QF/7.8/05

Test Report No.	GA/21/11/194	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL. - DAUND, DIST. - PUNE.		
Letter Ref / Date	---	Page No.	1 of 1
Sampling Plan	GLPL/QF/7.3/06	Measurement Done By	GLPL

NOISE LEVEL MEASUREMENT :-

Date of Measurement	16/11/2021
Time of Measurement (Hrs.)	13:20
Test Method	GLPL/SOP/AA/17:2014

NEAR D. G. SET NO. 1 (250 KVA) [S-5] :-

Sr. No.	Sampling Location 0.5 Meter Away from D.G. Set	Noise Level Measurement in dB(A)		
		Acoustic Door Open	Acoustic Door Closed	Insertion Loss
		(X)	(Y)	(X - Y)
1.	East	100.8	74.1	26.7
2.	West	99.6	73.6	26.0
3.	South	97.0	71.4	25.6
4.	North	97.4	71.6	25.8
MPCB Limit (X - Y)				> 25.0

End

For GADARK LAB PVT. LTD.


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[KAILAS V. CHITALKAR]


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TEST CERTIFICATE

Doc.No : GLPL/QF/7.8/05

Test Report No.	GA/21/11/195	Test Report Date	23/11/2021
Customer Name and Address	M/s. CIPLA LTD. D-22, MIDC INDUSTRIAL AREA, KURKUMBH, TAL. - DAUND, DIST. - PUNE.		
Letter Ref / Date .	---	Page No.	1 of 1
Sampling Plan	GLPL/QF/7.3/06	Measurement Done By	GLPL

NOISE LEVEL MEASUREMENT :-

Date of Measurement	16/11/2021
Time of Measurement (Hrs.)	14:00
Test Method	GLPL/SOP/AA/17:2014

NEAR D. G. SET NO. 2 (500 KVA) [S-4] :-

Sr. No.	Sampling Location 0.5 Meter Away from D.G. Set	Noise Level Measurement in dB(A)		
		Acoustic Door Open	Acoustic Door Closed	Insertion Loss
		(X)	(Y)	(X - Y)
1.	East	101.4	73.9	27.5
2.	West	99.4	73.7	25.7
3.	South	98.5	72.9	25.6
4.	North	97.9	72.5	25.4
		MPCB Limit (X - Y)		> 25.0

End

For GADARK LAB PVT. LTD.

Chitalkar

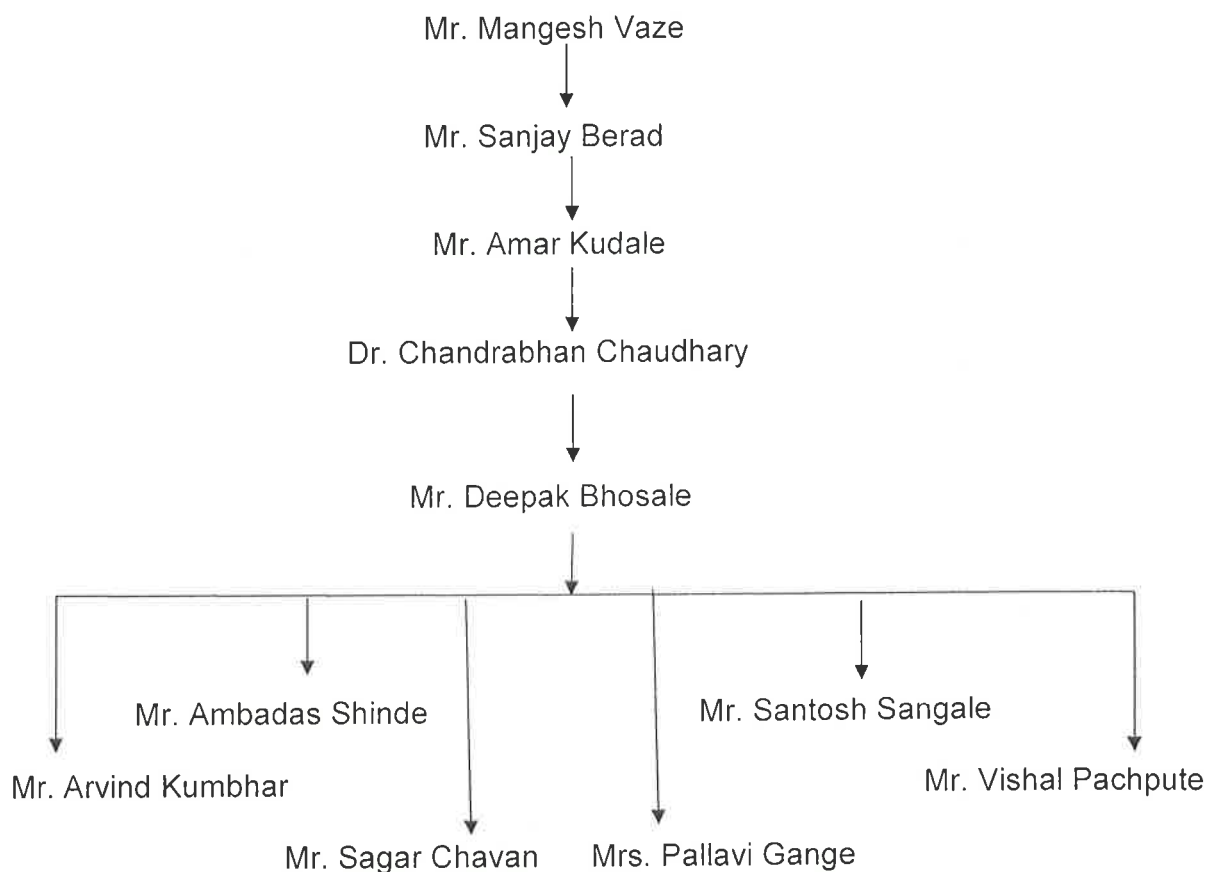
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ENVIRONMENT MANAGEMENT CELL



Sr. No.	Name	Responsibility
1	Mr. Arvind Kumbhar	Documentation in ETP, Lab, O & M of ETP, Water Management.
2	Mr. Ambadas Shinde	AAQM & stack monitoring. Waste audit.
3	Mr. Santosh Sangale	Hazardous waste management, green belt maintenance.
4	Mr. Vishal Pachpute	Documentation in ETP, Lab, MEE VTFD, RO, ETP operation.
5	Mr. Sagar Chavan	MEE VTFD, RO, ETP, Decanter operation, Waste management.
6	Mrs. Pallavi Gange	Lab Analysis, ETP Operation, Documentation of ETP

[illegible]

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Government of India, Ministry of
Environment and Forests, 16
Block, Paryawar Street, CGO
Complex, Lodi Road, New Delhi,
has received Environment
Clearance to set up a 20 MW Solar
Ro. J-110114/2005, N. B. G. Co.
10th October 2005 by the Department
of Public Works and P.W.D., 1992,
Industrial Area, Sector 22,
Phase - 2, Gurgaon, Haryana.
Copies of the Order are being
circulated with Maharashtra
Electricity Department and
Maharashtra State
and Forests Dept.

Director : Medical Specifications Div. 102
D-22, 11000 Leona Ave., Los Angeles
Phone - 413-5211

Annexure-X

Financial details:

a) Capital cost of the project : Rs. 160.26 Crores

b) Cost for Environmental protection measures (Lakhs)

Sr. No.	Environmental protection measures	Recurring Cost per annum	Capital cost
1	Air pollution control	Rs. 10 Lakhs	Rs. 43 Lakhs
2	Water pollution control	Rs. 180 Lakhs	Rs. 400 Lakhs
3	Noise pollution control	Rs. 01 Lakhs	Rs. 16 Lakhs
4	Environmental Monitoring and Management	Rs. 05 Lakhs	Rs. 02 Lakhs
5	Reclamation borrow / mined area	-	-
6	Occupational Health	Rs. 02 Lakhs	Rs. 01 Lakhs
7	Green belt	Rs. 03 Lakhs	Rs. 02 Lakhs
8	MEE+VTFD	Rs. 30 Lakhs	Rs. 186 Lakhs
Total		Rs. 231 Lakhs	Rs. 650 Lakhs