VAIDHATRU PHARMA PVT. LTD.

Survey No. 106, Plot No. 28, Chicksugur, Raichur Growth Center, Industrial Area,
Raichur, Karnataka - 584 134, INDIA, Ph: +91-8532286067, E-mail: info@vaidhatru.com

VPPL/KSPCB-14/2024-2025 **Date: 30th October, 2024.**

To

The Regional Officer,
Karnataka State Pollution Control Board,
Near 3rd Cross,
KSSIDC Industrial Estate, Hyderabad Road,
Raichur- 584 102

Sub: M/s Vaidhatru Pharma Private Limited - Submission of Environmental Statement in Form – V for the Year 2023 - 2024 - Reg.

Dear Sir/Madam,

With reference to above subject, we hereby submitting the Environmental statement in Form - V for the Year 2023 - 24.

This is for your information and kindly acknowledge the receipt of the same for our office records.

Yours faithfully

For Vaidhatru Pharma Pvt. Ltd

VAIDHATRU PHARMA PVT. LTD. RAICHUR

Authorized Signatory

Encl: Environmental Statement FY 2023 - 2024.

ದಿನಾಂಕ: 30.10.24

ENVIRONMENTAL STATEMENT

(FORM – V)

FOR THE YEAR 2023- 2024

VAIDHATRU PHARMA PRIVATE LIMITED
SURVEY NO. 106, PLOT NO. 28
RAICHUR GROWTH CENTRE, INDUSTRIAL AREA
CHICKSUGUR, RAICHUR - 584134

FORM-V

(See rule 14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING WITH 31ST MARCH, 2023

PART-A

i.	*Name and address of the owner: occupier of the industry*	**Vaidhatru Pharma Private Limited Plot No 28, Survey No 106, Industrial Area, Raichur Growth Centre, Chicksugur, Raichur – 584134, Karnataka**
	Operation or Process.	**Manufacturing of Bulk Drugs and Chemicals**
ii.	*Industry category Primary-(STC Code) Secondary- (STC Code)*	**Large Scale - Red Category**
iii.	*Production category - Units.*	**Manufacturing of Bulk Drugs and Chemicals 126 MTPA**

Sl. No.	Name of the Product	Production Capacity (TPM)	Consented Total (Tons / Annum)	Manufactured Total (Tons / Annum)
1.	**Clopidogrel Bisulphate**	**0.5**	**6.00**	**5.50**
2.	**Efavirenz**	**1.0**	**12.00**	**8.00**
3.	Enalapril maleate	0.5	6.00	--
4.	Fexofenadine	0.5	6.00	--
5.	**Levocetirizine. HCl**	**2.0**	**24.00**	**20.50**
6.	Moxifloxacin	0.5	6.00	--
7.	Pantoprazole Sodium	2.0	12.00	--
8.	Rabeprazole Sodium	1.0	24.00	--
9.	Sparfloxacin	1.0	12.00	--
10.	Telmisartan	0.5	6.00	--
11.	Terbinafine	0.5	6.00	--
12.	Tramadol HCl	0.5	6.00	--
	Total	**10.5**	**126.00**	**34.00**

iv.	*Year of establishment*	**July, 2013**
v.	*Date of the last environmental statement submitted.*	13-07-2023

VAIDHATRU PHARMA PVT. LTD. RAICHUR

PART -B

Water and Raw Material Consumption

i. Water consumption in m^3/d

Process: 02.81 *KLD*

Cooling: 07.58 KLD

Boiler: *09.15 KLD*

Domestic: *03.00 KLD*

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
1. Clopidogrel Bisulphate	35.00	35.00
2. Efavirenz	13.00	13.00
3. Levocetirizine	35.65	35.65

ii. Raw material consumption:

a. Clopidogrel Bisulphate:

Name of raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year	During the current financial year
Glycine Methyl Ester	Clopidogrel Bisulphate	1.75	1.75
Methylene Dichloride		6.00	6.00
Sodium Carbonate		2.80	2.80
Tosylate		1.80	1.80
Acetonitrile		1.00	1.00
Toluene		13.70	13.70
Isopropyl Alcohol		2.00	2.00
IPA.HCl (24%)		1.70	1.70
Methanol		0.50	0.50
Paraformaldehyde		0.43	0.43

VAIDHATRU PHARMA P. LTD. RAICHUR

Liquid Ammonia Solution	**Clopidogrel Bisulphate**	0.38	0.38
n-Hexane		5.00	5.00
Activated Carbon		0.14	0.14
Sodium Sulfate		0.26	0.26
Sodium Carbonate		0.38	0.38
Methyl Ethyl Ketone		7.25	7.25
Conc. Sulphuric Acid		0.28	0.28
Acetone		2.90	2.90
Methanol		0.28	0.28

b. Efavirenz:

Name of raw materials	**Name of Products**	**Consumption of raw material per unit of output**	
		During the previous financial year	**During the current financial year**
(S)-5-Chloro-a-(Cyclopropylethylnyl)-2-(4'-methoxy benzylamino) (Trifluromethyl)benzene methanol	**Efavirenz**	1.31	1.31
Toluene		6.50	6.50
DDQ		0.73	0.73
Sodium Bicarbonate		0.05	0.05
Methanol		0.98	0.98
Toluene		1.90	1.90
Sodium Borohydride		0.12	0.12
Acetic Acid		0.38	0.38
Sodium Hydroxide		0.13	0.13
Methanol		0.95	0.95
n-Hexane		2.50	2.50
Acetone		2.00	2.00
Triphosgene		0.94	0.94
Ethyl Acetate		2.00	2.00
n-Hexane		1.00	1.00

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c. Levocetirizine:

Name of raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year	During the current financial year
p-Chloro Benzo Phenone	Levocetirizine	1.20	1.20
Ammonium formate		0.35	0.35
Hydrochloric Acid		0.20	0.20
Toluene		8.00	8.00
Activated Carbon		0.10	0.10
Sodium Hydroxide		0.22	0.22
Tartaric Acid		0.32	0.32
Methylene Dichloride		7.00	7.00
Para toluene sulphonyl chloride		0.52	0.52
N,n-bis(2-chloro ethyl) amine HCl		0.50	0.50
Sodium Hydroxide		0.22	0.22
Methylene Dichloride		0.70	0.70
Ethyl Di Isopropyl Amine		0.28	0.28
Methanol		4.00	4.00
Hydro Bromic Acid		0.21	0.21
Acetic Acid		0.15	0.15
Toluene		4.00	4.00
Chloro Ethanol		0.20	0.20
Tri Ethyl Amine		0.25	0.25
Toluene		4.00	4.00
Sodium Mono Chloro Acetate		0.27	0.27
Hydro Chloric Acid		0.17	0.17
Dimethyl Formamide		1.00	1.00
Methylene Dichloride		2.50	2.50
Activated Carbon		0.10	0.10
Acetone		1.00	1.00

VAIDHATRU PHARMA PVT. LTD. RAICHUR

PART-C

Pollution discharged to environment/unit of output

(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed Standards with reasons.
(a) Water			
COD	0.35 KG/Day	124.00 mg/l	Nil
BOD	0.11 KG/Day	39.42 mg/l	Nil
TSS	0.08 KG/Day	27.83 mg/l	Nil

ETP Treated Water Analysis Report for the year from April – 2023 to March - 2024

Parameter	pH	COD (mg/l)	BOD (mg/l)	TDS (mg/l)	TSS (mg/l)
KSPCB LIMITS	5.5 – 8.5	250	100	2100	100
Apr – 23	7.48	60	15	1648	38
May – 23	7.39	115	42	2032	34
Jun – 23	7.26	120	40	2024	32
Jul – 23	7.57	85	30	1222	12
Aug –23	7.46	140	46	1020	30
Sept – 23	7.57	85	35	994	16
Oct – 23	7.37	168	52	1042	28
Nov – 23	7.5	124	40	1010	26
Dec – 23	7.36	146	46	1220	32
Jan – 24	7.54	150	45	1148	32
Feb – 24	7.35	135	40	1010	28
Mar – 24	7.4	160	42	1106	26
Average	**7.44**	**124.00**	**39.42**	**1289.67**	**27.83**

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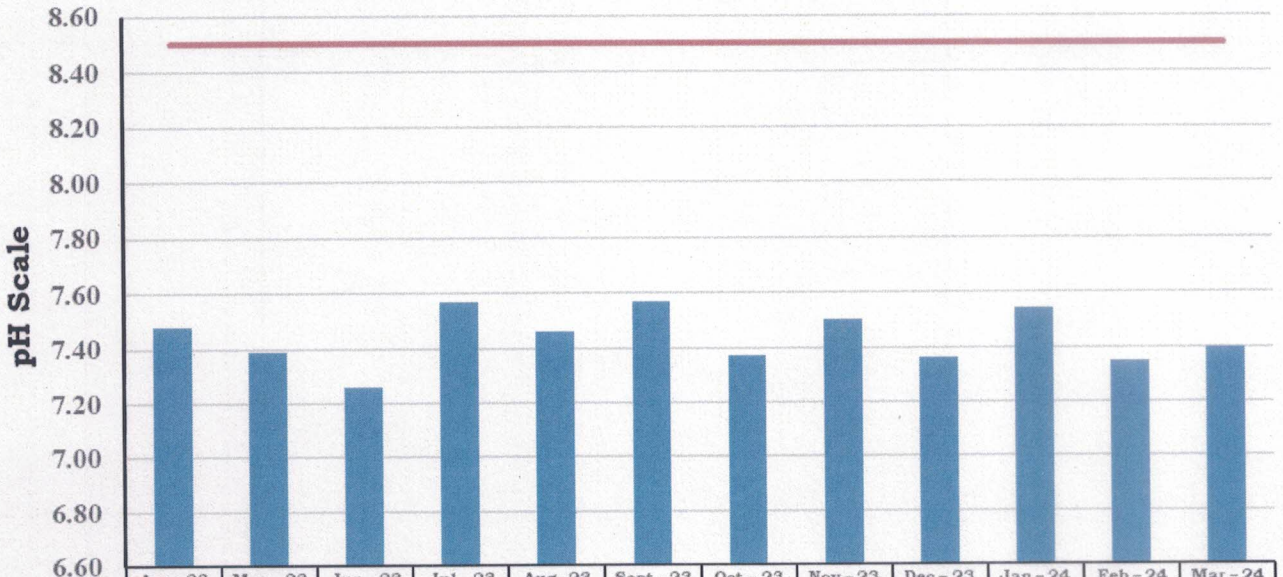
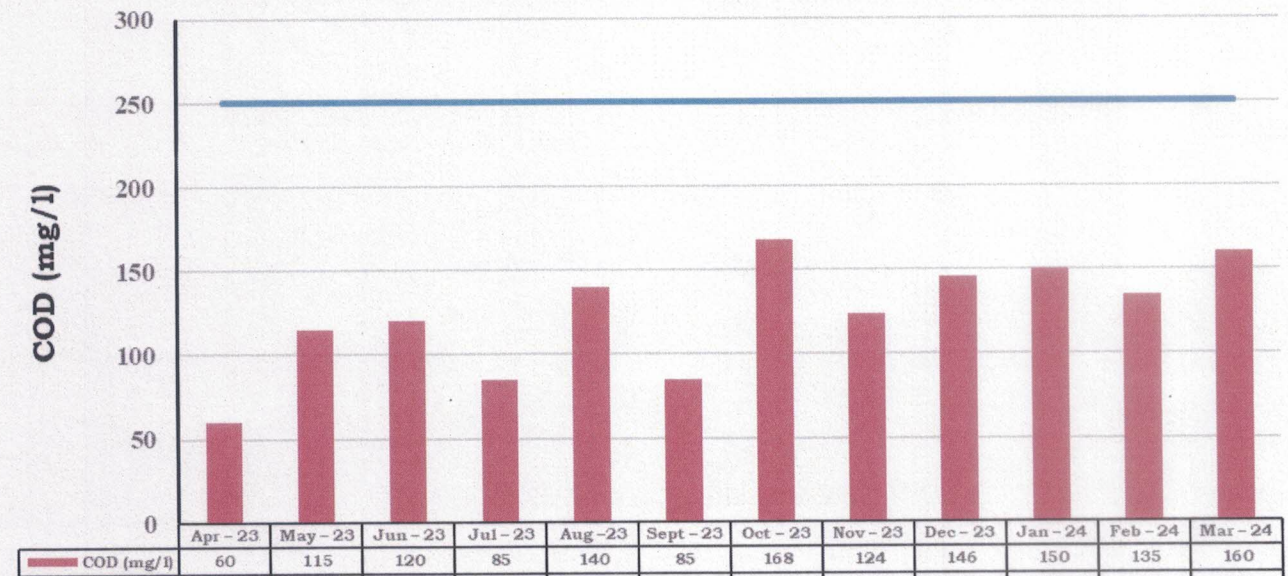
TRENDS OF VARIOUS PARAMETERS IN ETP TREATED WATER

Trends of pH of Treated Water during April - 2023 to March - 2024



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug –23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24
pH	7.48	7.39	7.26	7.57	7.46	7.57	7.37	7.50	7.36	7.54	7.35	7.40
Limit	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5

Trends of COD of Treated Water during April - 2023 to March - 2024



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug –23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24
COD (mg/l)	60	115	120	85	140	85	168	124	146	150	135	160
Limit	250	250	250	250	250	250	250	250	250	250	250	250

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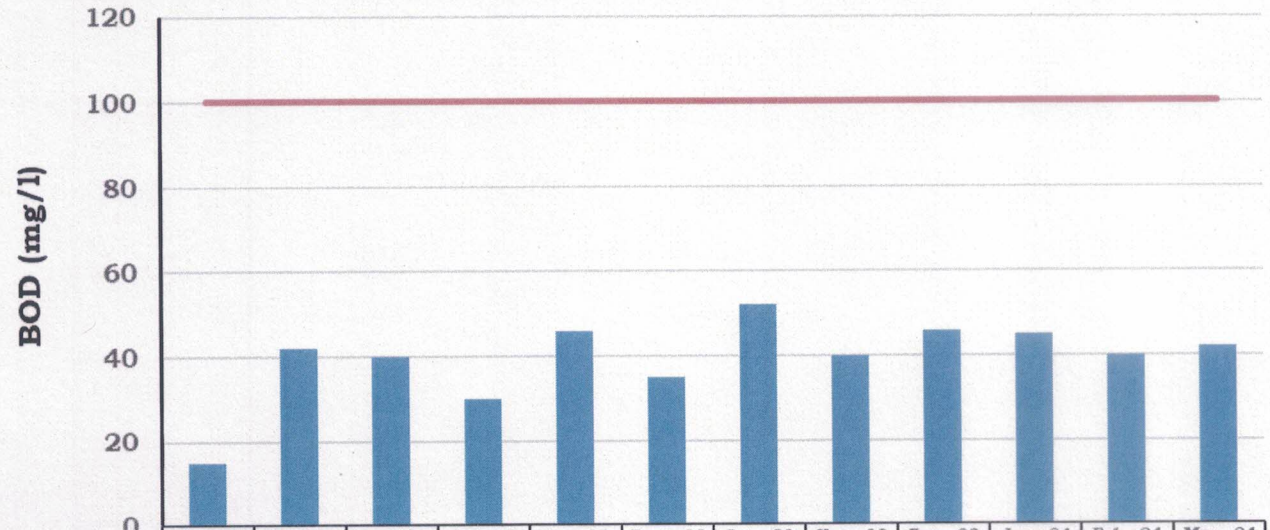
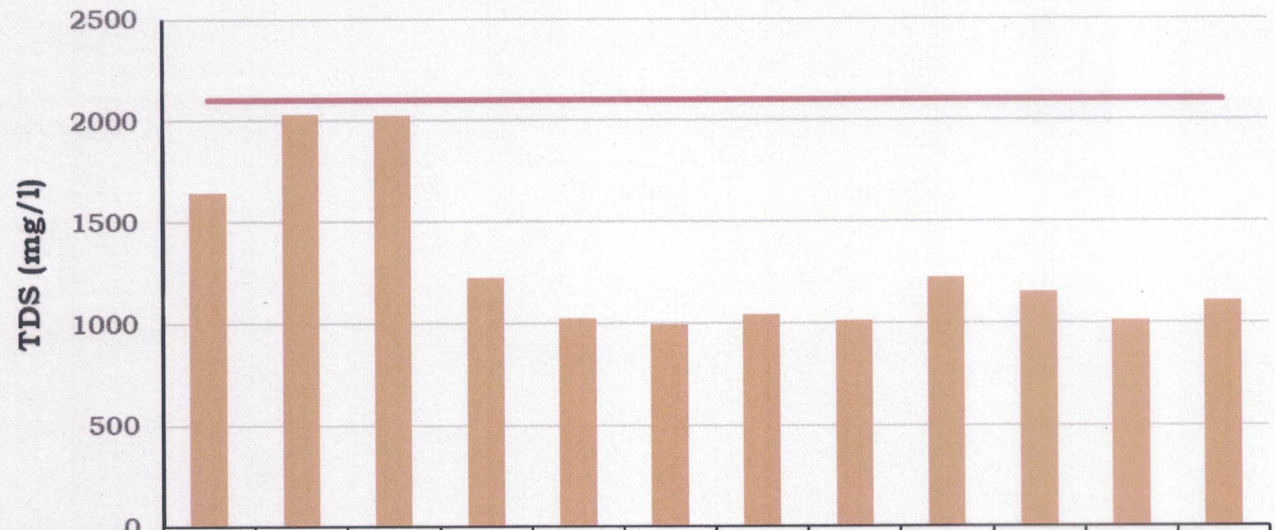
Trends of BOD of Treated Water during April - 2023 to March - 2024



	Apr - 23	May - 23	Jun - 23	Jul - 23	Aug -23	Sept - 23	Oct - 23	Nov - 23	Dec - 23	Jan - 24	Feb - 24	Mar - 24
BOD (mg/l)	15	42	40	30	46	35	52	40	46	45	40	42
Limit	100	100	100	100	100	100	100	100	100	100	100	100

Trends of TDS of Treated Water during April - 2023 to March - 2024



	Apr - 23	May - 23	Jun - 23	Jul - 23	Aug -23	Sept - 23	Oct - 23	Nov - 23	Dec - 23	Jan - 24	Feb - 24	Mar - 24
TDS (mg/l)	1648	2032	2024	1222	1020	994	1042	1010	1220	1148	1010	1106
Limit	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100

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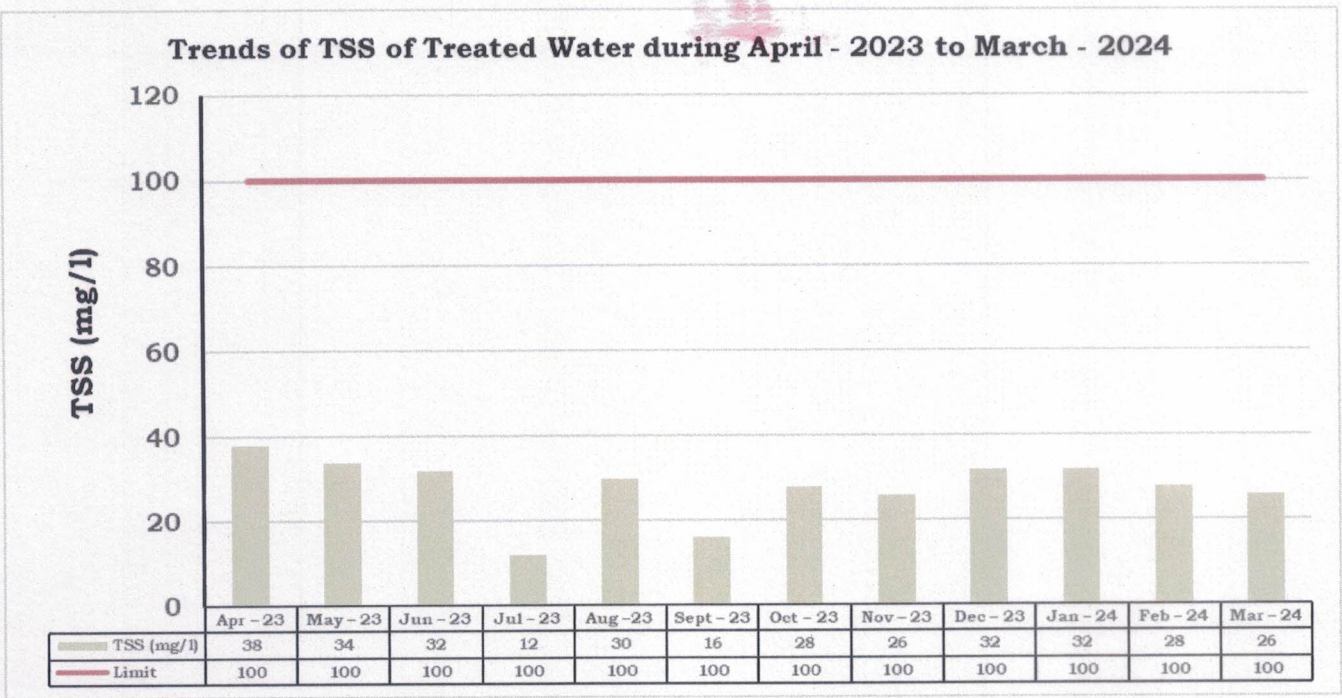
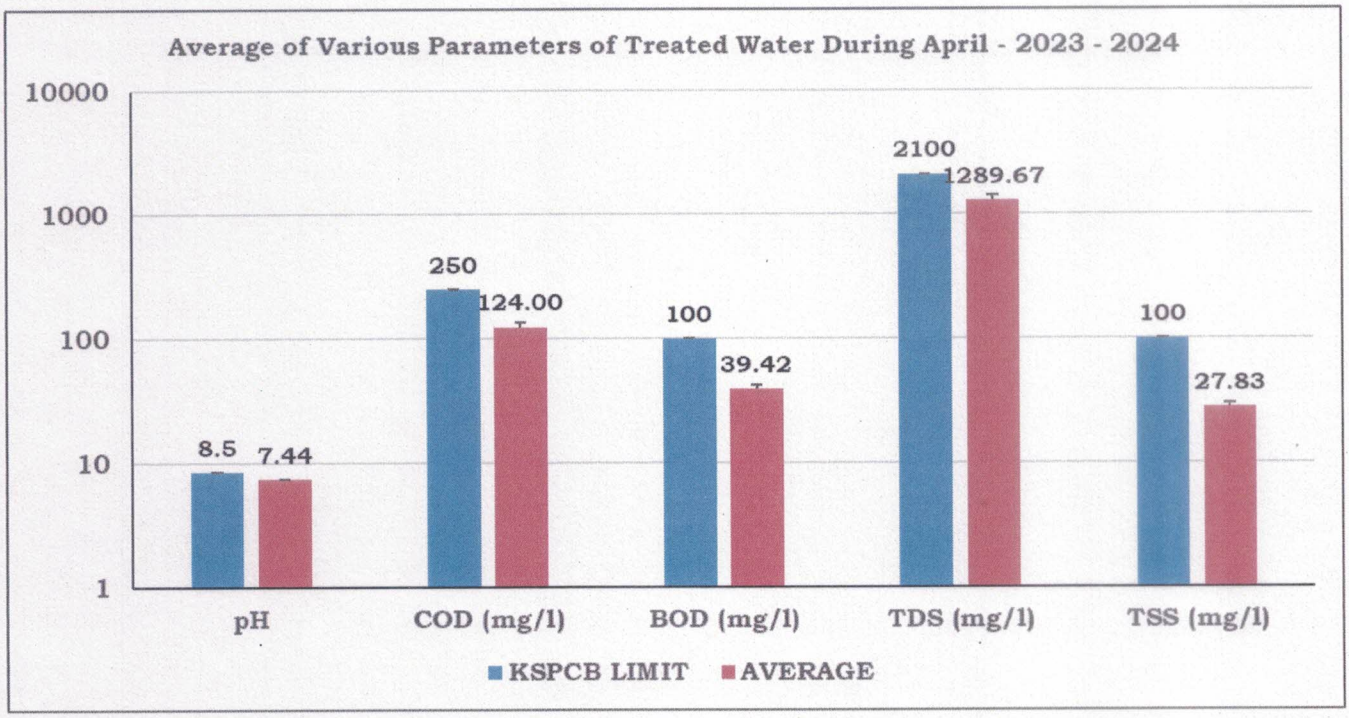


	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug –23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24
TSS (mg/l)	38	34	32	12	30	16	28	26	32	32	28	26
Limit	100	100	100	100	100	100	100	100	100	100	100	100



Conclusion: The mean values obtained for various parameters in ETP Treated Water during the reporting period is within limits by the prescribed KSPCB.

VAIDHATRU PHARMA P. LTD. RAICHUR

(b) Air

(b.1) Ambient Air Quality Monitoring:

Ambient Air Quality Analysis – Near Main Gate Area				
Parameters	**Pollution**	**KSPCB Limits**	**Quantity of Pollutants Discharged (Mass / Day)***	**Percentage of variation from prescribed standards with Reasons**
PM_{10}	**69.86 µg/NM³**	100.00 µg/NM³	**0.000111 kg/day**	**(-) 30.14 %**
$PM_{2.5}$	**26.50 µg/NM³**	60.00 µg/NM³	**0.000042 kg/day**	**(-) 55.83 %**
SO_2	**16.13 µg/NM³**	80.00 µg/NM³	**0.000026 kg/day**	**(-) 79.83 %**
NO_x	**22.78 µg/NM³**	80.00 µg/NM³	**0.000036 kg/day**	**(-) 71.52 %**
CO	**00.55 mg/NM³**	02.00 mg/NM³	**0.000876 kg/day**	**(-) 72.50 %**

Ambient Air Quality Analysis – Near Boiler Area				
Parameters	**Pollution**	**KSPCB Limits**	**Quantity of Pollutants Discharged (Mass / Day)***	**Percentage of variation from prescribed standards with Reasons**
PM_{10}	**73.15 µg/NM³**	100.00 µg/NM³	**0.000116 kg/day**	**(-) 26.85 %**
$PM_{2.5}$	**27.58 µg/NM³**	60.00 µg/NM³	**0.000044 kg/day**	**(-) 54.03 %**
SO_2	**17.67 µg/NM³**	80.00 µg/NM³	**0.000028 kg/day**	**(-) 77.91 %**
NO_x	**24.93 µg/NM³**	80.00 µg/NM³	**0.000039 kg/day**	**(-) 68.84 %**
CO	**00.64 mg/NM³**	02.00 mg/NM³	**0.001007 kg/day**	**(-) 68.00 %**

* **Calculation:** **Total Volume per Day = Quantity of Air in m³/Min (1.1) x Total Run Minutes (24 * 60 = 1440).**

Conclusion: The mean values obtained for various parameters in Ambient Air during the reporting period is well within the prescribed standards by the KSPCB.

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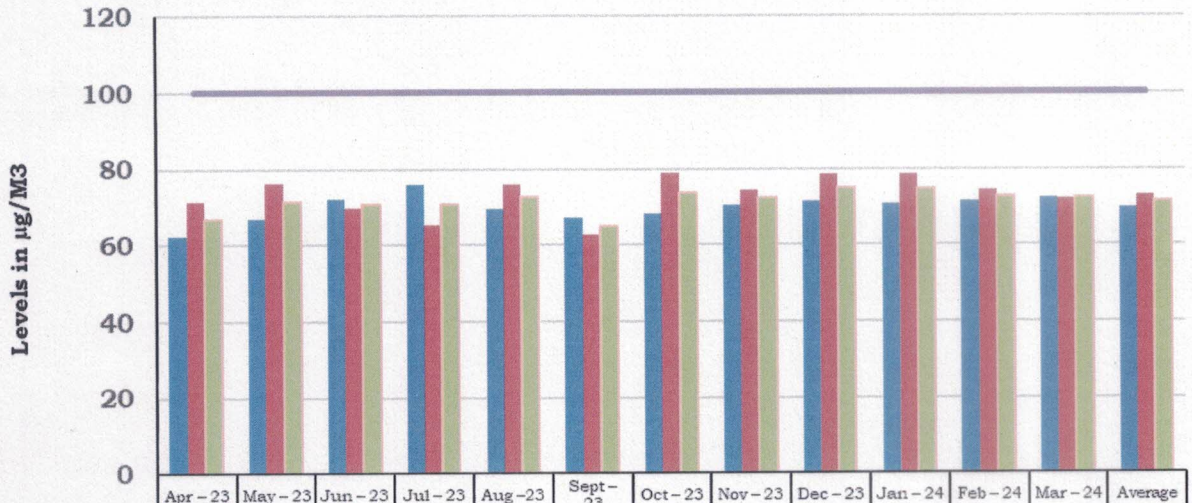
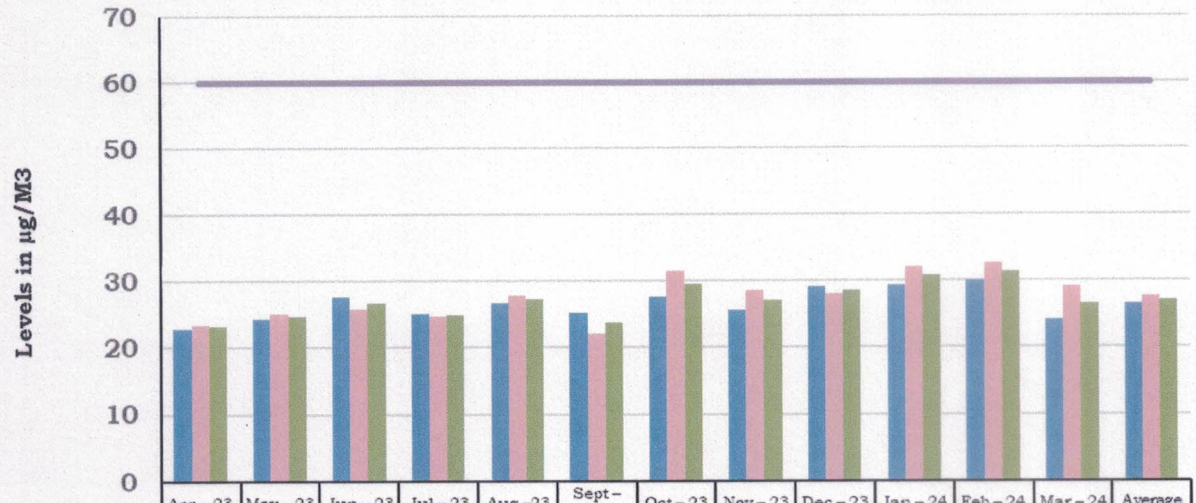
Graphical and Statistical Interpretation of Ambient Air Quality:

PM10 Levels from April 2023 to March 2024 Near Main Gate and Boiler Area



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug –23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24	Average
Near Main Gate	62.4	66.8	72.1	75.8	69.6	67.2	68.2	70.3	71.5	70.6	71.4	72.4	69.86
Near Boiler Area	71.3	76.2	69.7	65.4	75.8	62.6	78.9	74.3	78.6	78.5	74.3	72.2	73.15
Average	66.85	71.5	70.9	70.6	72.7	64.9	73.6	72.3	75.1	74.6	72.9	72.3	71.50
KSPCB Limit (µg/M3)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.00

PM2.5 Levels from April 2023 to March 2024 Near Main Gate and Boiler Area



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug –23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24	Average
Near Main Gate	22.9	24.3	27.6	25.1	26.8	25.3	27.6	25.6	29.2	29.4	30.1	24.1	26.50
Near Boiler Area	23.4	25.1	25.8	24.7	27.8	22.1	31.6	28.6	28.1	32.1	32.6	29.1	27.58
Average	23.15	24.7	26.7	24.9	27.3	23.7	29.6	27.1	28.65	30.75	31.35	26.6	27.04
KSPCB Limit (µg/M3)	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.00

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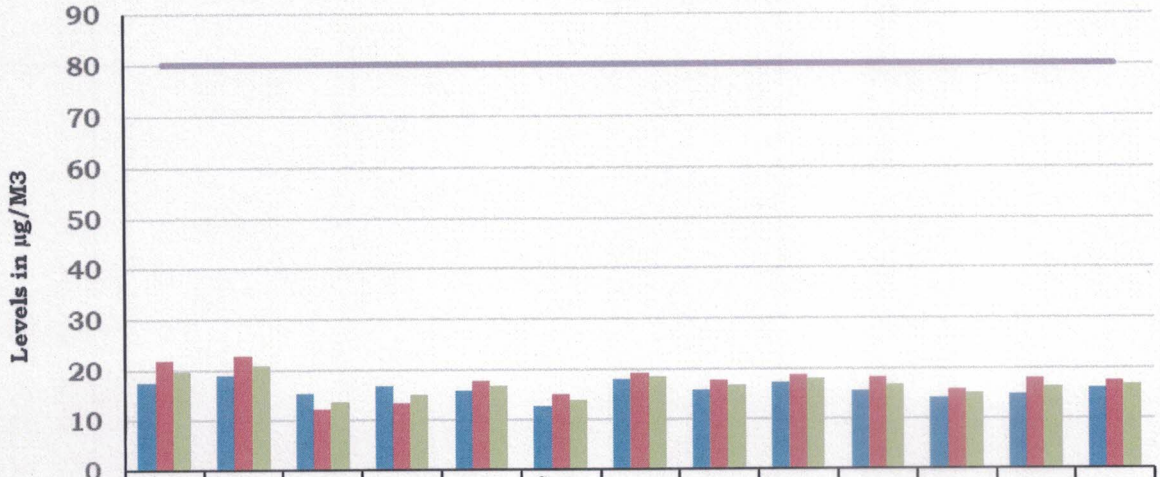
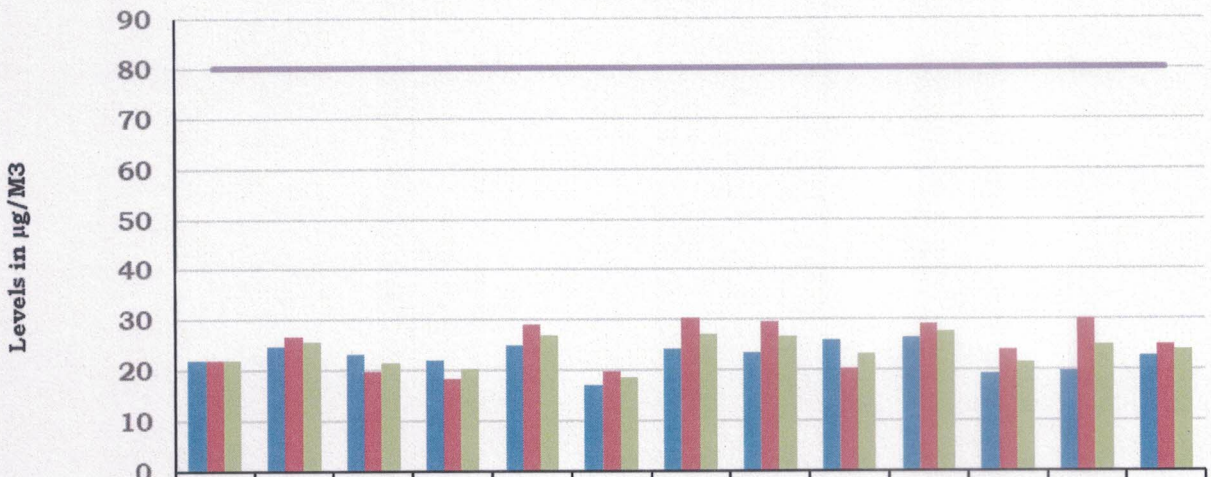
SO_2 Levels from April 2023 to March 2024 Near Main Gate and Boiler Area



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug –23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24	Average
Near Main Gate	17.7	19	15.3	16.8	15.9	12.6	18.2	15.9	17.4	15.6	14.2	14.9	16.13
Near Boiler Area	21.9	23	12.2	13.4	17.9	15.2	19.2	17.9	18.9	18.3	16	18.1	17.67
Average	19.8	21	13.75	15.1	16.9	13.9	18.7	16.9	18.15	16.95	15.1	16.5	16.90
KSPCB Limit (µg/M3)	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.00

NO_x Levels from April 2023 to March 2024 Near Main Gate and Boiler Area



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug –23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24	Average
Near Main Gate	22.1	24.6	23.3	22.1	25	17.2	24.1	23.5	26	26.3	19.2	19.9	22.78
Near Boiler Area	22.1	26.7	19.7	18.4	29	19.8	30.4	29.6	20.3	29	24	30.1	24.93
Average	22.1	25.65	21.5	20.25	27	18.5	27.25	26.55	23.15	27.65	21.6	25	23.85
KSPCB Limit (µg/M3)	80	80	80	80	80	80	80	80	80	80	80	80	80.00

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(b.2) Stack Emission Monitoring:

Stack Emission – Boiler (3.5 TPH)				
Parameters	**Pollution**	**KSPCB Limits**	**Quantity of Pollutants Discharged (Mass / Day)***	**Percentage of variation from prescribed standards with Reasons**
SPM	**72.59 mg/NM³**	100.00 mg/NM³	**1.46 kg/day**	**(-) 27.41 %**
SO_2	**24.85 mg/NM³**	600.00 mg/NM³	**0.50 kg/day**	**(-) 95.86 %**
NO_2	**28.65 mg/NM³**	300.00 mg/NM³	**0.57 kg/day**	**(-) 90.45 %**

*Stack CSA (M^2): 0.314; Velocity: 7.4; Flue Gas Flow Rate: 836 NM^3/Hr.

Conclusion: The mean values obtained for various parameters in Boiler Stack Emissions during the reporting period is well within the prescribed the standards by KSPCB.

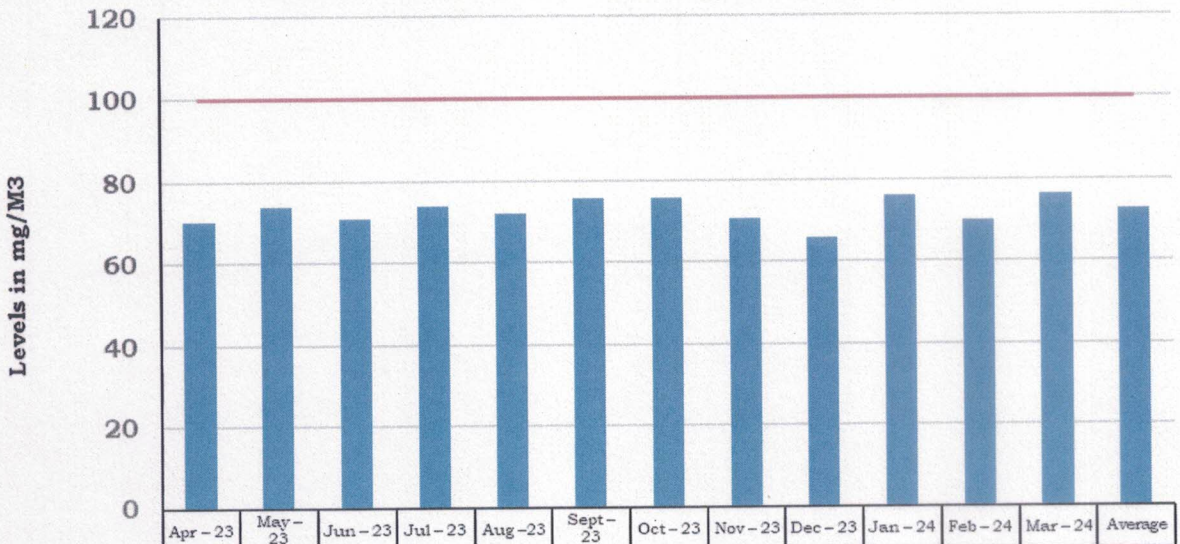
Stack Emission – DG SET (400 KVA)				
Parameters	**Pollution**	**KSPCB Limits**	**Quantity of Pollutants Discharged (Mass / Day)***	**Percentage of variation from prescribed standards with Reasons**
SPM	**70.59 mg/NM³**	NS	**0.44 kg/day****	--
SO_2	**22.91 mg/NM³**	NS	**0.14 kg/day****	--
NO_2	**28.08 mg/NM³**	NS	**0.17 kg/day****	--

*Stack CSA (M^2): 0.01; Velocity: 7.56; Flue Gas Flow Rate: 258.51 NM^3/Hr.
** Maximum discharged quantity for 24 hours continuous operation.

VAIDHATRU PHARMA PVT. LTD. RAICHUR

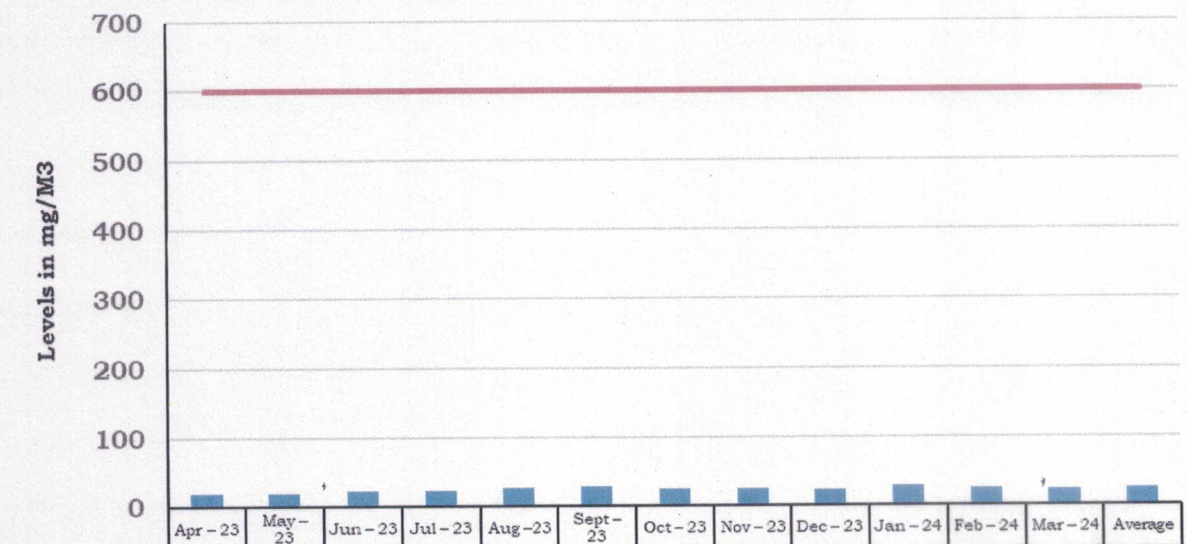
Graphical and Statistical Interpretation of Stack Emissions:

SPM Levels of Boiler (3.5 TPH) Stack Emissions from April 2023 to March 2024



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug –23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24	Average
PM	70.3	73.8	70.9	73.8	72.1	75.6	75.8	70.6	65.8	76.1	70.1	76.2	72.59
KSPCB Limit (mg/NM3)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.00

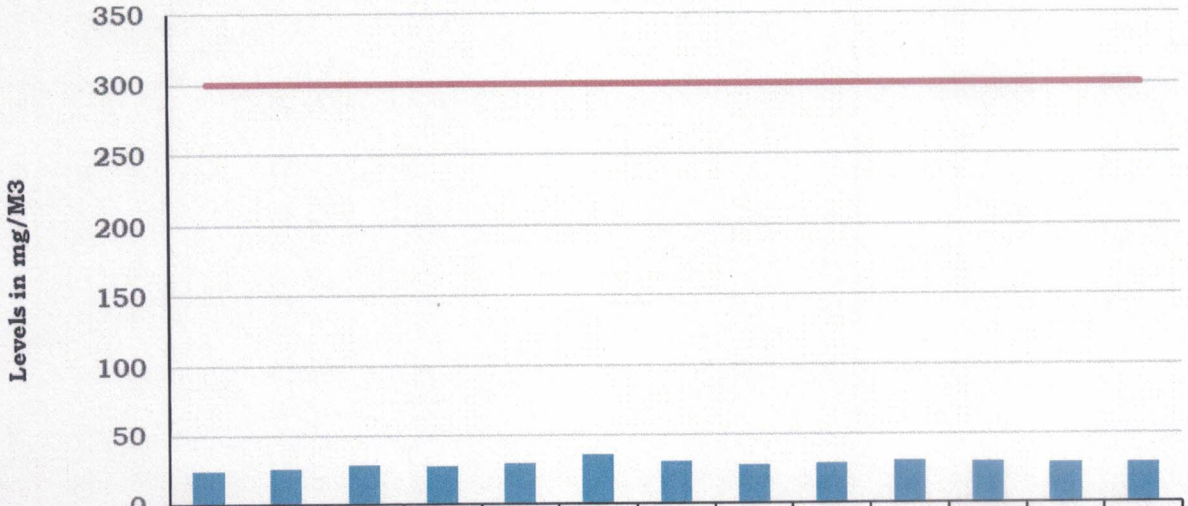
SO_2 Levels of Boiler (3.5 TPH) Stack Emissions from April 2023 to March 2024



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug –23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24	Average
SO2	20.7	19.6	24.6	23.7	27.4	28.8	25.6	25.3	24.6	28.4	25.4	24.1	24.85
KSPCB Limit (mg/NM3)	600	600	600	600	600	600	600	600	600	600	600	600	600.00

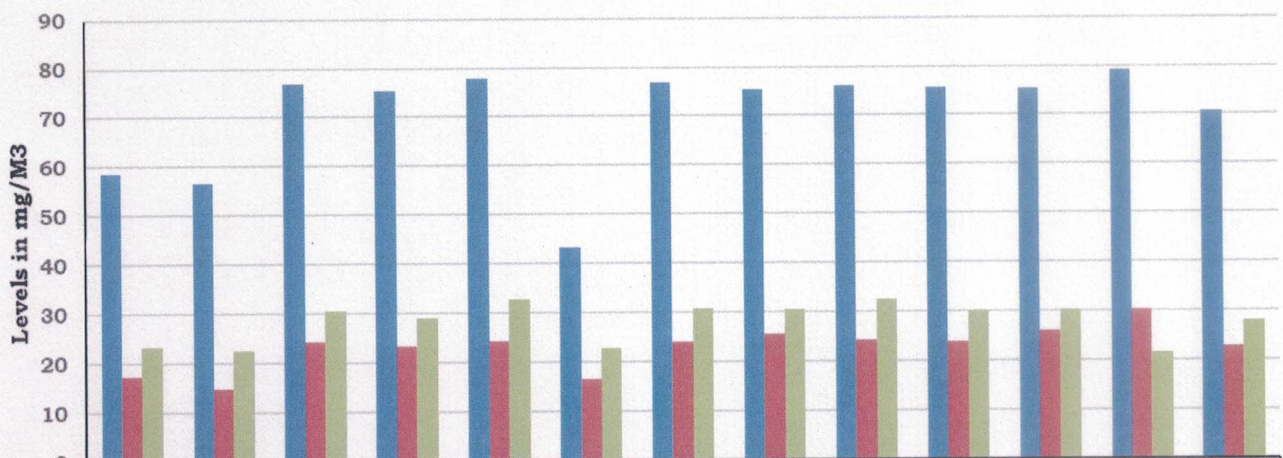
VAIDHATRU PHARMA PVT. LTD. RAICHUR

NOx Levels of Boiler (3.5 TPH) Stack Emissions from April 2023 to March 2024



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug – 23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24	Average
Nox	24.1	25.7	28.1	27.5	29.1	35.3	30.2	27.6	28.7	30.1	29.2	28.2	28.65
KSPCB Limit (mg/NM3)	300	300	300	300	300	300	300	300	300	300	300	300	300.00

Generator (400 KVA) Stack Emission Levels Monitoring from April 2023 to March 2024



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug – 23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24	Average
PM	58.6	56.6	76.8	75.4	77.8	43.4	76.9	75.3	76.2	75.6	75.4	79.1	70.59
SO2	17.3	14.7	24.4	23.3	24.3	16.6	24.1	25.6	24.2	23.9	26.1	30.4	22.91
Nox	23.4	22.6	30.6	29.1	32.8	22.7	30.8	30.5	32.6	30.1	30.2	21.6	28.08

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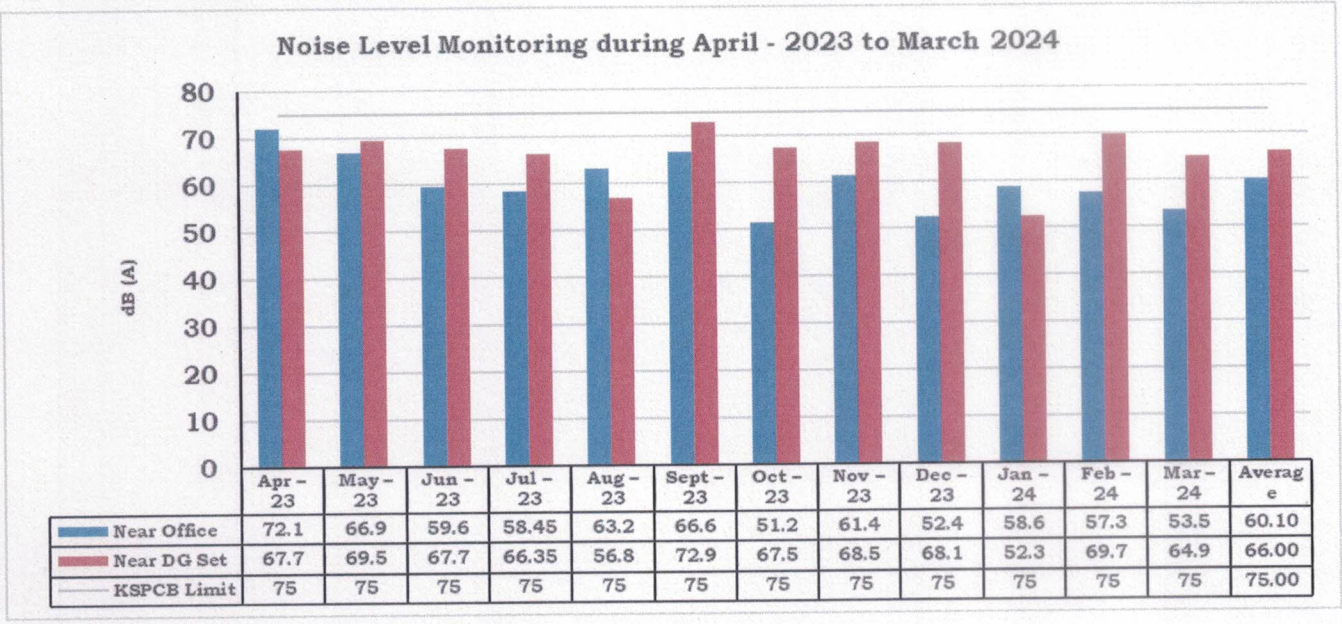
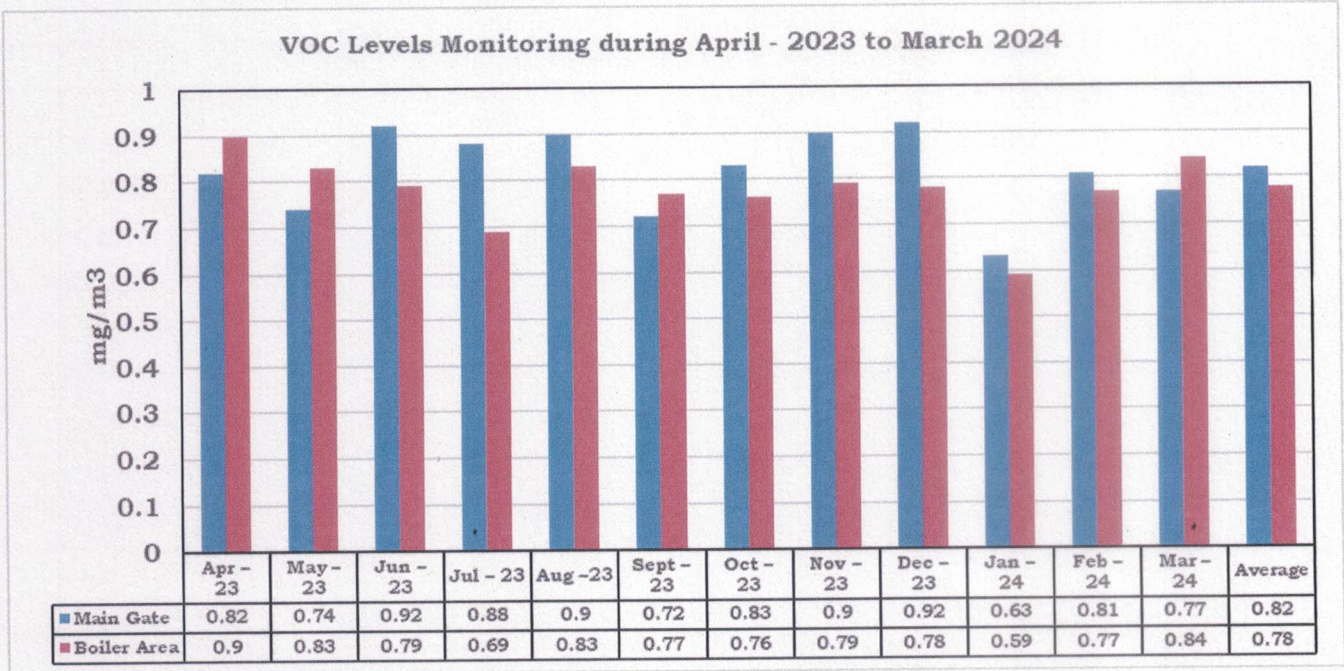
(b.3) Noise Level Monitoring:



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug – 23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24	Average
Near Office	72.1	66.9	59.6	58.45	63.2	66.6	51.2	61.4	52.4	58.6	57.3	53.5	60.10
Near DG Set	67.7	69.5	67.7	66.35	56.8	72.9	67.5	68.5	68.1	52.3	69.7	64.9	66.00
KSPCB Limit	75	75	75	75	75	75	75	75	75	75	75	75	75.00

Conclusion: The mean values obtained for Noise Level Monitoring during the reporting period is within the standards prescribed by KSPCB.

(b.4) Volatile Organic Compounds (VOC) Monitoring:



	Apr – 23	May – 23	Jun – 23	Jul – 23	Aug –23	Sept – 23	Oct – 23	Nov – 23	Dec – 23	Jan – 24	Feb – 24	Mar – 24	Average
Main Gate	0.82	0.74	0.92	0.88	0.9	0.72	0.83	0.9	0.92	0.63	0.81	0.77	0.82
Boiler Area	0.9	0.83	0.79	0.69	0.83	0.77	0.76	0.79	0.78	0.59	0.77	0.84	0.78

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PART-D

HAZARDOUS WASTES

(As specified under Hazardous Wastes (Management & Handling Rules, 2016).

Hazardous Wastes	Total Quantity	
	During the previous financial year	During the current financial year
1. From Process		
Used Spent Oil -5.1	**00.15 KL**	**00.20 KL**
Process Residue and Wastes – 28.1	**30.92 MT**	**16.68 MT**
Spent Solvents – 28.6	**55.54 KL**	**53.60 KL**
Empty Barrels/ Containers/liners contaminated with Hazardous Chemicals / Wastes – 33.1	**02.50 MT**	**01.50 MT**
2. From Pollution Control Facilities		
Chemical Sludge from Waste Water Treatment - 35.3	**56.00 MT**	**21.05 MT**

PART - E

SOLID WASTES

Solid Wastes	Total Quantity	
	During the previous financial year	During the current financial year
a. From Process		
Recyclable Fiber Drums	250 Nos	150 Nos
b. From Pollution Control Facility	--	21.64 MT
c. Quantity recycled or re-utilized within the unit.	NIL	50 Nos

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PART - F

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

Sl. No.	Category Number	Waste Description	Nature of the Waste and Collected in	Disposal Practice
1	**5.1**	Used Spent Oil	Liquid, *Collected in leak proof MS/PVC drums and securely stored in hazardous waste storage room*	*Disposed to CPCB and KSPCB authorized re-processors.*
2	**28.1**	Process Residue and Wastes	Solid, *Collected in LDPE /HDPE Bags and securely stored in hazardous waste storage room*	*Disposed to KSPCB authorized Incinerator*
3	**28.6**	Spent Solvents	Liquid, *Collected in leak proof MS/HDPE drums and securely stored in hazardous waste storage room*	*Disposed to KSPCB authorized re-processors/recyclers.*
4	**33.1**	Empty Barrels / Containers / Liners contaminated with Hazardous Chemicals / Wastes	Solid, *Collected and de contaminated, stored at hazardous waste storage room*	*Disposed to authorized recyclers.*
5	**35.3**	Chemical Sludge from Waste Water Treatment	Solid, *Collected in HDPE bags and securely stored in Dedicated Hazardous waste storage area*	*Disposed to TSDF /M/s Mother Earth Environ Tech Pvt. Ltd for secured Land fill*
6	--	Recyclable Fiber Drums	*Securely stored in Dedicated Area*	Authorized Recycler

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PART-G

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

Installation of Effluent Treatment Plant comprising Multiple Effect Evaporation (MEE) and drying systems (ATFD) has successfully achieved Zero Liquid Discharge. Significantly reducing and eliminate water pollution and its environmental impact. With the implementation of BETP and MEE we have completely eliminated the need for effluent discharge. The water recovered from our recycling process is reused in cooling towers, which has led to a marked reduction in fresh water intake, effectively conserving this vital natural resource.

Additionally, this year, we serviced the existing MEE Calandria and commissioned a dedicated steam line operating at 7 kg pressure to enhance the efficiency of both the MEE and ATFD systems. This upgrade has enabled us to produce fully dried sludge HTDS effluent. Furthermore, we recycle solvents used in our process back into our chilling plants as coolant, allowing us to reuse recovered solvents in production and minimize spent solvent generation. Overall these pollution control measures not only conserve natural resources but also contribute to a reduction in our production costs.

PART - H

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

1. Proposed to enhance the existing BETP to improve the quality of condensate water specially focusing on reducing the TDS content.

PART -I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.

- **Planted around 300 saplings this year in the areas of our premises in addition to existing green belt.**

For **Vaidhatru Pharma Private Limited**

Authorized Signatory

VAIDHATRU PHARMA PVT. LTD. RAICHUR