

No: CIP/PCB/2021/09/07

Date: 20.09.2021

To,  
**The Regional Officer (Anekal Division)**  
Karnataka State Pollution Control Board  
'NisargaBhavan' 2<sup>nd</sup> Floor.  
Timmeriah Main Road, 7<sup>th</sup> D. Main,  
Basaweshwaranagar  
Bangalore-560001

Dear Sir,

**Subject: Submission of Environmental Statement in Form V for the year 2020-2021**

We are herewith submitting Environmental statement in Form V under Environment (Protection) Act 1986 [Rule (14)] for the Year 2020-21 (April 2020 to March 2021).

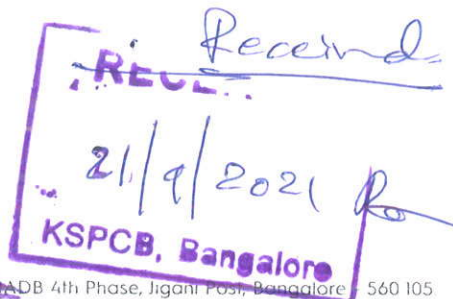
Kindly accept and acknowledge the receipt of the same

Thanking you  
Sincerely Yours  
For Cipla Limited

*Pradeep*  
Pradeep Gupta  
(Site Head)

Copy to:

1. **The Senior Environmental Officer, 17 Category**  
'Parisara Bhavan'  
4<sup>th</sup> & 5<sup>th</sup> Floor, Church Street  
Bangalore-560001.
2. **Hazardous Waste cell**  
Parisara Bhavan' 4<sup>th</sup> Floor,  
Bangalore-560001.



**Cipla Ltd.**

100% EOU, Plot No. 285, 286 & 287, Bommasandra-Jigani Link Road Industrial Area, 4<sup>th</sup> Phase, Jigani Post, Bangalore - 560 105  
P +91 80 22059200 F +91 80 22059220 E-Mail adminbms@cipla.com

Regd. Office - Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013, India.

P +91 22 24826000 F +91 22 24826120 W www.cipla.com E-Mail contactus@cipla.com Corporate Identity Number L24239MH1935PLC002380

**ENVIRONMENTAL  
STATEMENT  
(FORM-V)  
2020 – 2021**

CIPLA LIMITED.,  
PLOT NO.: 285,286 &287  
KIADB IV TH PHASE  
JIGANI-BOMMASANDRA LINK ROAD,  
BOMMASANDRA, BANGALORE-560105

### GENERAL INFORMATION

1	A) Name of the Industry :	<b>CIPLA LIMITED</b>
	Address :	<b>Plot No.285,286 &amp; 287, 4<sup>th</sup> Phase, KIADB Indl. Area, Bommasandra- Jigani Link Road, Anekal Taluk, Bangalore-560105.</b>
	State :	<b>Karnataka</b>
	Phone :	<b>080-22059200</b>
	Email :	<b>harikrishnan.n@Cipla.com</b>
2	Ownership :	<b>Public Limited Company</b>
3	Products Manufactured :	<b>Bulk Drugs – 114.220 MT/A</b>
	a) Consented Capacity :	
4	Year of establishment :	<b>2007</b>
5	<b>OPERATION DURING THE PERIOD OF AUDIT</b>	
	a) Working days per year :	<b>365 Days</b>
	b) Working days per week :	<b>7 Days</b>
	c) No. of working shifts :	<b>3</b>
6	No. of Employees :	<b>240</b>
7	Current Approvals :	<b>Factory License: MYB-15789 Pollution Control Board CFO (Water &amp; Air), Authorization for Hazardous Waste Storage &amp; disposal</b>
	Water Consent :	<b>AW303985</b>
	Air Consent :	
	Hazardous waste authorization :	<b>308282</b>

## INTRODUCTION

### 1. PREFACE :

**M/s. Cipla Limited**, is a professionally managed Public Limited Company established in 1935. It manufactures and markets a wide range of Pharmaceutical Formulations and Bulk Drugs.

The Corporate headquarters are in Mumbai Central, where senior qualified corporate personnel are available for providing support to the manufacturing plants in the areas of Technology, Research and Development, Manufacturing, Quality Control, Quality Assurance and Health, Safety & Environment.

### BRIEF DESCRIPTION OF THE SITE:

The Cipla manufacturing facilities at Bommasandra Industrial area was started in 2007. It is situated on the Bommasandra-Jigani Link Road at a distance of about 28 km from Bangalore City.

The total area of the site is 28.23 Acres. Currently no activity other than manufacture of bulk drug is carried out at the site. The factory has strength of about 265 employees, which are in the management category. Site is well laid out for providing safety to the employees and environment.

### 1.1 QUALITY MANAGEMENT:

The company's quality policy states that 'The Company is committed to ensure that every product it manufactures and distributes consistently meets with present standards of quality, purity, efficacy and safety.'

---



Quality is a collective responsibility. Excellence in products, processes and systems is achieved through the team efforts of trained personnel of the company”.

Implementation of the Quality Policy is done through quality systems based on Current Good Manufacturing Practices in the conformity with national and international standards. The role of Quality Assurance is to co-ordinate the development and maintenance of the Company's quality procedures and systems. This is achieved by a combination of systematic sampling, testing, validating, monitoring and auditing of materials, facilities, systems and procedures which can influence the quality of the Company's products throughout their shelf-life.

There are authorized Standard Operating Procedures for all operations including production, quality control, materials management, warehousing and distribution, safety, environmental controls, housekeeping, sanitation and engineering. The role of Quality Assurance is to ensure that these procedures are adhered to and records maintained. Any deviation or discrepancy is investigated and documented. Corrective action is taken wherever necessary.

Periodic self-inspection and audits are conducted to monitor the effective implementation of quality, Safety and Environmental Management systems. The self-inspection and audits are conducted by designated personnel of the Company and / or by external agencies.

---

## **1.2 PROCESSING:**

Manufacturing is done in batch quantities. Batches are planned as and when required for captive consumption or export. Reactions are carried out in closed reactors. Final stages of manufacture such as drying, milling or blending are carried out in closed cubicles under appropriate environmental controls.

## **1.3 SAFETY, HEALTH AND ENVIRONMENT:**

Protecting the health of all personnel and others and ensuring safety at work is one of the prime objectives of the company.

Safety is the responsibility of individual departments supported by a team of specialists in Safety Management. The site is provided with firefighting facilities including fire hydrant systems. Personnel are continuously trained in all aspects of safety. Smoke detector, Heat detector, PA system, MCP, Central Communication systems are provided to tackle emergency situations.

The unit has a full-fledged Zero liquid discharge Effluent treatment plant with a conventional extended aeration activated sludge process followed by Reverse Osmosis effluent recycling plant.

High TDS effluent stream is completely segregated and is treated in a Stripper/Multiple effect evaporator and Agitated thin film drier. (Refer Annexure-1 for Effluent treatment scheme).

Water usage Details enclosed (Refer Annexure- 2 for Water usage for Production)

---

Production List enclosed (Refer Annexure- 3 for Manufacturing Production list)

Emissions are well within the permissible limits (Refer Annexure-4 for Emission Details) and statistical interpretation of the emissions is enclosed to this statement.

Water consumption is within the Limit (Refer Annexure-5 for Water Consumption Details) Water consumption from April-2020 to March-2021 enclosed to this statement.

---

**ENVIRONMENTAL STATEMENT FORM-V**  
**(See rule 14)**

Environmental Statement for the financial year ending with 31st March 2019

**PART-A**

I. Name and address of the owner/ Occupier of the industry

**Mr. Umang Vohra**  
**Managing Director and Global CEO**  
**Cipla Limited.,**  
**Plot No: 285,286,287, KIADB Industrial Area, IVth Phase,**  
**Bommasandra – Jigani link road**  
**Bangalore - 560 105**

II. Industry category Primary- (STC Code) Secondary- (STC Code)

**Large scale-Red category**

III. Production capacity (Units): **Bulk Drugs 114.220 MT/A**

IV. Year of establishment: **July 2007**

---

V. Date of the last environmental statement submitted: **07.09.2020**

**PART. B**

**Water and Raw Material Consumption:**

I. Water consumption in m3/d

- **Process: 48.93 KLD**
  - **Cooling: 21.49 KLD**
  - **Domestic: 11.74 KLD**
-



PART C				
POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF OUTPUT				
*Parameters as specified in the consent issued				
AIR				
Ambient Air Analysis -Near Production Area (East Side)				
Parameters	Pollution	KSPCB Limits	Quantity of pollutants discharged(mass/day)	Percentage of variation from prescribed standards with reasons
Parameters	mg/NM3	Limits	kg/day	%(Below permissible limit)
PM <sub>10</sub>	61.93	100.00	0.000098	38.070
PM <sub>2.5</sub>	25.00	60.00	0.000040	58.333
SO <sub>2</sub>	11.19	80.00	0.000018	86.013
Lead	-	1.00	0.000000	100.000
NOX	18.07	80.00	0.000029	77.413
Quantity of Air in m3/Min			1.1	
Total run minutes			1440	
Total Volume			1584	

Ambient Air Analysis- Near Material Security Gate (South Side)				
Parameters	Pollution	KSPCB Limits	Quantity of pollutants discharged(mass/day)	Percentage of variation from prescribed standards with reasons
	mg/NM3	Limits	kg/day	%(Below Permissible limit)
PM <sub>10</sub>	65.50	100.00	0.000104	34.500
PM <sub>2.5</sub>	30.51	60.00	0.000048	49.153
SO <sub>2</sub>	12.28	80.00	0.000019	84.656
Lead	-	1.00	0.000000	100.000
NOX	20.13	80.00	0.000032	74.844
Quantity of Air in m3/Min			1.1	
Total run minutes			1440	
Total Volume			1584	

Ambient Air Analysis- Near Boiler Area (West Side)				
Parameters	Pollution	KSPCB Limits	Quantity of pollutants discharged(mass/day)	Percentage of variation from prescribed standards with reasons
	mg/NM3	Limits	kg/day	%(Below Permissible limit)
PM <sub>10</sub>	59.07	100.00	0.000094	40.930
PM <sub>2.5</sub>	27.69	60.00	0.000044	53.847
SO <sub>2</sub>	12.75	80.00	0.000020	84.063
Lead	-	1.00	0.000000	100.000
NOX	22.53	80.00	0.000036	71.844
Quantity of Air in m3/Min			1.1	
Total run minutes			1440	
Total Volume			1584	

Ambient Air Analysis -Near ETP (North Side)				
Parameters	Pollution	KSPCB Limits	Quantity of pollutants discharged(mass/day)	Percentage of variation from prescribed standards with reasons
	mg/NM3	Limits	kg/day	%(Below permissible limit)
PM <sub>10</sub>	54.60	100.00	0.000086	45.400
PM <sub>2.5</sub>	22.22	60.00	0.000035	62.967
SO <sub>2</sub>	10.84	80.00	0.000017	86.448
Lead	-	1.00	0.000000	100.000
NOX	19.13	80.00	0.000030	76.083
Quantity of Air in m3/Min			1.1	
Total run minutes			1440	
Total Volume			1584	

Stack Emission – Boiler					
Parameters	mg/Nm3	Limits	kg/day	kg/ltr	%
	Pollution	KSPCB Limits	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges(mass/volume)	Percentage of variation from prescribed standards with reasons
SPM	37.69	150.00	0.6946		74.873
Flue gas discharged flow nm3/hr				767.94	
Total flue gas discharged per day				18430.56	

Stack Emission - DG Set (1500 KVA)					
Parameters	mg/NM3	Limits	kg/day		%(Below permissible limit)
SPM	48.13	150.00	1.6842		67.913
Flue gas discharged flow nm3/hr				1458	
Total flue gas discharged per day				34992	

Stack Emission - Scrubber System (SCB-201)					
Parameters	mg/NM3	Limits	kg/day		%(Below permissible limit)
Acid Mist	2.11	35.00	0.0466		93.971
Flue gas discharged flow nm3/hr				920	
Total flue gas discharged per day				22080	

Stack Emission - Scrubber System (SCB-202)					
Parameters	mg/NM3	Limits	kg/day		%(Below permissible limit)
Acid Mist	1.85	35.00	0.0408		93.857
Flue gas discharged flow nm3/hr				920	
Total flue gas discharged per day				22080	



Stack Emission - Scrubber System (SCB-203)					
Parameters	mg/NM3	Limits	kg/day		%(Below permissible limit)
Acid Mist	2.15	35.00	0.0475		93.857
Flue gas discharged flow nm3/hr				920	
Total flue gas discharged per day				22080	

Stack Emission - Scrubber System (SCB-204)					
Parameters	mg/NM3	Limits	kg/day		%(Below permissible limit)
Acid Mist	2.29	35.00	0.0506		93.457
Flue gas discharged flow nm3/hr				920	
Total flue gas discharged per day				22080	

Stack Emission - Scrubber System (SCB-205)					
Parameters	mg/NM3	Limits	kg/day		%(Below permissible limit)
Acid Mist	2.21	35.00	0.0488		93.686
Flue gas discharged flow nm3/hr				920	
Total flue gas discharged per day				22080	

Stack Emission - Scrubber System (SCB-206)					
Parameters	mg/NM3	Limits	kg/day		%(Below permissible limit)
Acid Mist	1.92	35.00	0.0424		94.514
Flue gas discharged flow nm3/hr				920	
Total flue gas discharged per day				22080	



Stack Emission - Scrubber System (SCB-207)					
Parameters	mg/NM3	Limits	kg/day		%(Below permissible limit)
Acid Mist	1.77	35.00	0.0391		93.943
Flue gas discharged flow nm3/hr				920	
Total flue gas discharged per day				22080	

Stack Emission - Scrubber System (SCB-101)					
Parameters	mg/NM3	Limits	kg/day		%(Below permissible limit)
Acid Mist	2.50	35.00	0.0552		92.857
Flue gas discharged flow nm3/hr				920	
Total flue gas discharged per day				22080	

Stack Emission - Scrubber System (SCB-17)					
Parameters	mg/NM3	Limits	kg/day		%(Below permissible limit)
Acid Mist	2.57	35.00	0.0567		92.657
Flue gas discharged flow nm3/hr				920	
Total flue gas discharged per day				22080	

**PART-D**  
**HAZARDOUS WASTES**

*as specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.*

Hazardous Wastes	Total Quantity (Kg)			
	During the previous financial year		During the current financial year	
1. From Process	Used oil (Ltrs)	4.73 KL	Used oil (Ltrs)	2.42 KL
	Oil soaked Cotton Waste	0.222 MT	Oil soaked Cotton Waste	0.212
	Distillation residue	Nil	Distillation residue	Nil
	Process Residue	34.93 MT	Process Residue	23.93 MT
	Spent organic solvent	830.39 KL	Spent organic solvent	428.14 KL
	Discarded containers contaminated with HW/chemicals	1193 Nos	Discarded containers contaminated with HW/chemicals	830 Nos
2. From Pollution Control Facilities	Scrubbed liquid	81 KL	Scrubbed liquid	85 KL
	Chemical sludge from Wastewater Treatment and MEE salts	19.37 MT	Chemical sludge from Wastewater Treatment and MEE salts	11.84 MT

**PART -E**  
**SOLID WASTES**

	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
a. From process	1. Recyclable Fiber Drums – 1240 No's 2. Plastic waste- 1313 Kgs 3. Paper waste – 1509 Kgs	1. Recyclable Fiber Drums – 943 No's 2. Plastic waste- 1200 Kgs 3. Paper waste - 1027 Kgs
b. From Pollution Control Facility	--	--
c. Quantity recycled or re- Utilized within the unit.	Nil	Nil

### **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.

<b>Sr. No</b>	<b>Category number</b>	<b>Waste description</b>	<b>Collected in</b>	<b>Disposal option</b>
1	28.6	Spent solvents/ recovered organic solvents	Tankers/MS drums	KSPCB authorized recyclers
2	5.1	Used oil	MS/PVC Drums	CPCB & KSPCB authorized Re Processors
3	5.2	Oil soaked cotton waste	Leak proof bags	CPCB & KSPCB authorized Incinerator
4	33.1	Discarded containers (MS drums/HDPE Drums/ barrels/carboys)	-	authorized recyclers
5	20.3	Distillation Residue	MS Drums	CPCB & KSPCB
6	28.1	Process Residue and waste	LDPE/HDPE Bags	authorized Incinerator
7	31.1	Electronic waste	-	KSPCB authorized E-waste handlers
8	35.3	Salts from evaporator Chemical sludge from Waste Water Treatment	Leak proof Bags	TSDF
9	-	Paper waste	LDPE Bags	Authorized Recycler
10	-	Plastic waste	LDPE bags	Authorized recyclers

### **PART-G**

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

**Zero Liquid Discharge Facility is operational and there will not be any adverse effect on the Environment Due to our operations.**



### **PART-H**

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

1. **A Full-Fledged Combined Effluent Treatment Plant is in place to take care of entire effluent from process.**
  2. **Volute installation of for ETP sludge to reducing the noise.**
  3. **Boiler chimney bottom portion is replaced with new one.**
  4. **300 No's of saplings belonging to to Saraca asoca, Dypsis lutescens, Prunus dulcis, Caesalpinia pulcherrima, Casuarina equisetifolia, Magnolia champaca, Araucaria Coochii, Wodyetia bifurcate, Galpinia tranvaalica, Melaleuca bracteate, Delonix regia, Pongamia pinnata, Muntingia calabura, Artocarpus heterophyllus, Syzygium cumini, Mangifera indica, Swietenia mahagoni, Azadirachta indica, Eucalyptus, Ficus benghalensis, Musa acuminata, Carica papaya, Phoenix canariensis, Punica granatum, Quercus, Grevillea, robusta, Santalum album, Tectona grandis Linn, Thorn Acacia, Leucaena leucocephala, Sapodilla, etc were planted in the premises.**
- 
5. **Solar panel installed at top roof to generate green energy from that everyday 1200 units power generated and utilized.**

### **PART-I**

#### **MISCELLANEOUS:**

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

#### **ENCLOSURE:**

Annexure-1: ETP Flow scheme

Annexure-2: Water for Production details

Annexure-3: Product list

Annexure-4: Statistical Interpretation of Ambient air quality and stack monitoring data's

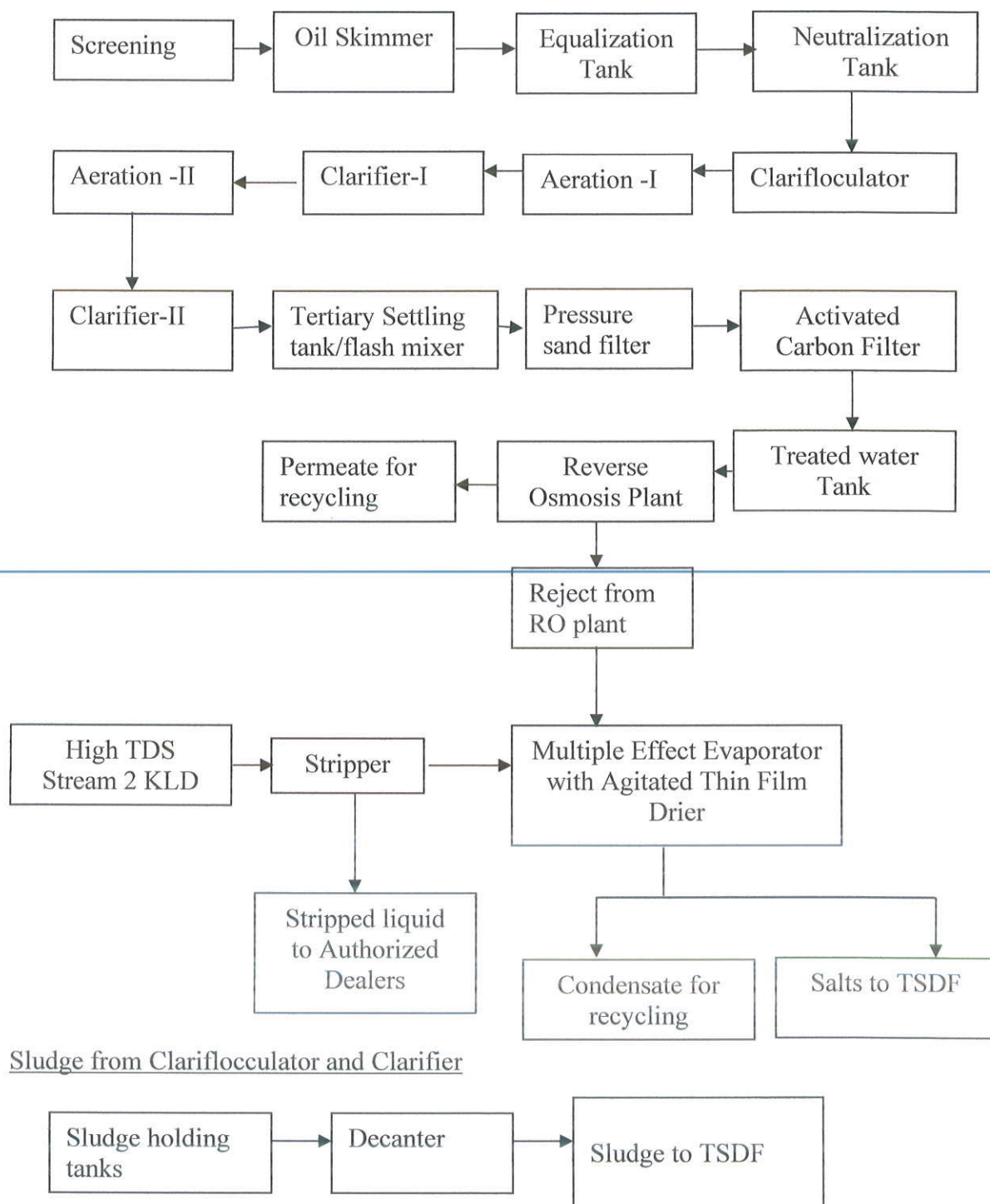
Annexure-5: Water consumption pattern from April 2020 to March 2021

---



## Annexure-1

### EFFLUENT TREATMENT PLANT-FLOW SCHEME



Annexure-2

S.No	NAME OF THE PRODUCT	Water Usage Ltr/Kg of Product
1	AMLODIPINE BESYLATE	0
2	AMLODIPINE MESYLATE	0.48
3	ANAGRELIDE	0
4	BICALUTAMIDE	9.81
5	CARBOPLATIN	258.33
6	CIOLASTRAZOLE	0
7	CISPLATIN	0.104
8	DANAZOL	12.6
9	DIDANOSINE	0
10	DULOXETINE	0
11	ESOMEPRAZOLE	0
12	ETOPOSIDE	28.24
13	FELODIPINE	0
14	FLUTAMIDE	70.17
15	LANSOPRAZOLE	15.15
16	LEFLUNOMIDE	14.55
17	LEVOFLOXACIN	0
18	MITOXANTRONE HCL	360
19	OFLOXACIN USP	0
20	OMEPRAZOLE	66.67
21	OXCARBAZEPINE	23.07
22	PANTOPRAZOLE	36.36
23	RABEPRAZOLE SODIUM	2.4
24	RALOXIFENE	45
25	REPROTEROLE	0.77
26	RIBAVIRIN	2.5
27	RILUZOLE	1
28	RISPERIDONE	35
29	STAVUDINE	0
30	TOPIRAMATE	10
31	VALACICLOVIR HCL	0
32	VENLAFAXINE	0
33	ZIDOVUDINE	12

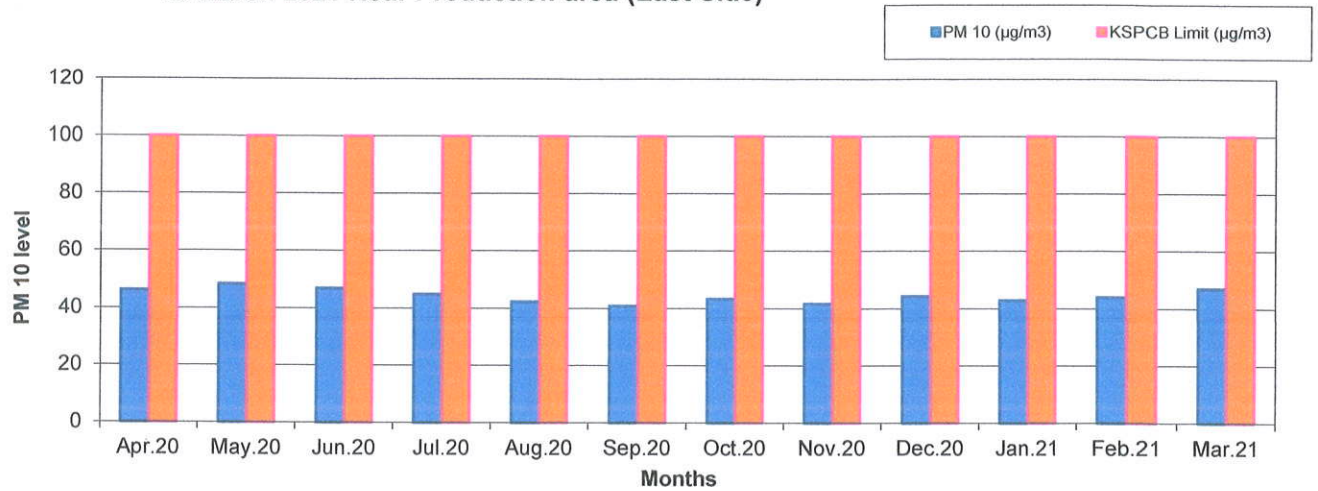
**Annexure-3**  
**Products list**

<b>S. No</b>	<b>PRODUCT NAME</b>	<b>Capacity/Annum</b>
1	AMLODIPINE BESYLATE	500
2	AMLODIPINE MESYLATE	500
3	ANAGRELIDE	25
4	BICALUTAMIDE	2000
5	CARBOPLATIN	25
6	CIOLASTRAZOLE	3000
7	CISPLATIN	25
8	DANAZOL	5000
9	DIDANOSINE	2000
10	DULOXETINE	3000
11	ESOMEPRAZOLE	2000
12	ETOPOSIDE	250
13	FELODIPINE	3000
14	FLUTAMIDE	5000
15	LANSOPRAZOLE	10000
16	LEFLUNOMIDE	1000
17	LEVOFLOXACIN	15000
18	MITIXANTRONE HCL	20
19	OFLOXACIN USP	500
20	OMEPRAZOLE	10000
21	OXCARBAZEPINE	7000
22	PANTOPRAZOLE	1000
23	RABEPRAZOLE SODIUM	1000
24	RALOXIFENE	5000
25	REPROTEROLE	3000
26	RIBAVIRIN	3000
27	RILUZOLE	3000
28	RISPERIDONE	1000
29	STAVUDINE	1000
30	TOPIRAMATE	10000
31	VALACICLOVIR HCL	2000
32	VENLAFAXINE	5000
33	ZIDOVUDINE	5000

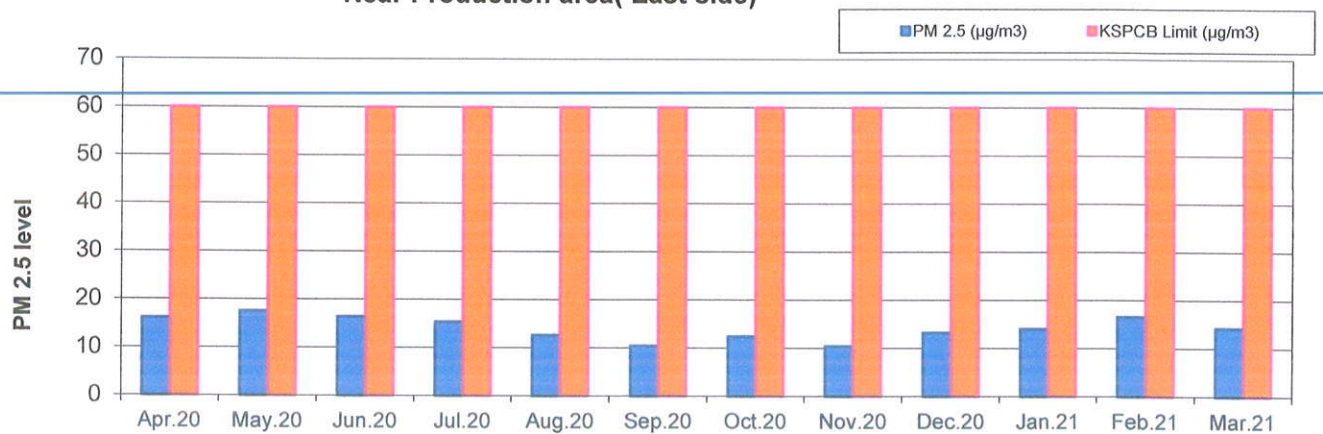
## Annexure-2

### Statistical interpretation of Ambient air quality, stack emission results with standards stipulated

**Fig-1: Variation in PM 10 levels from April 2020 to March 2021 Near Production area (East Side)**

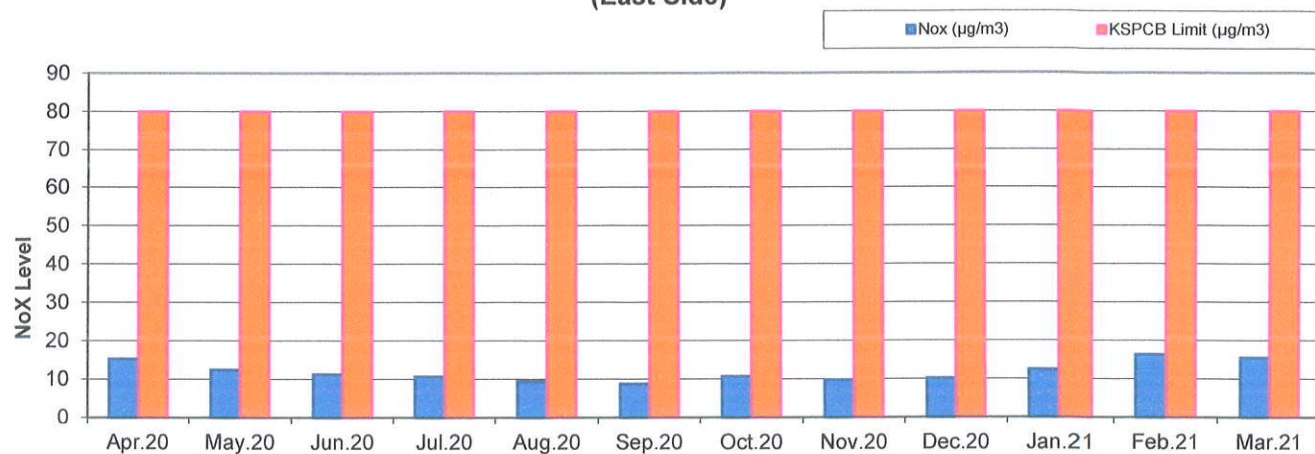


**Fig-2: Variation in PM 2.5 Levels from April 2020 to March 2021 Near Production area( East side)**

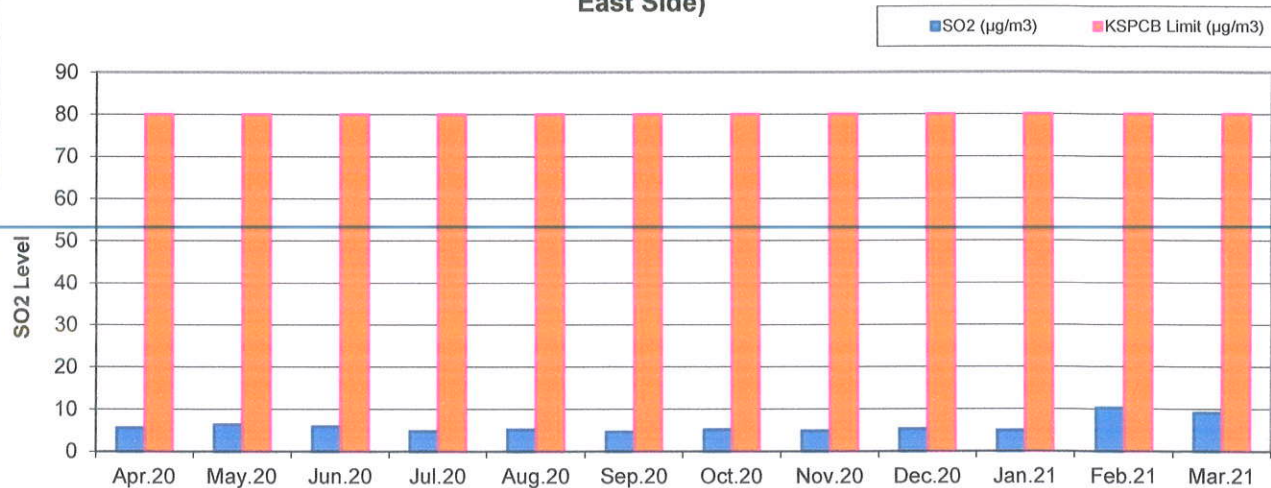




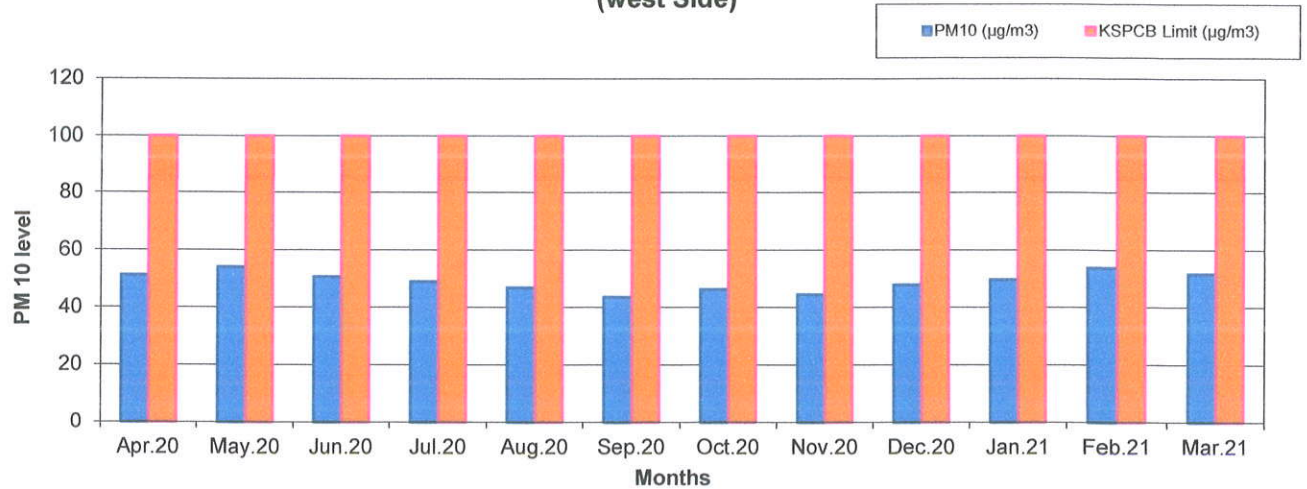
**Fig-3: Variation in NoX levels from April 2020 to March 2021 Near Production area (East Side)**



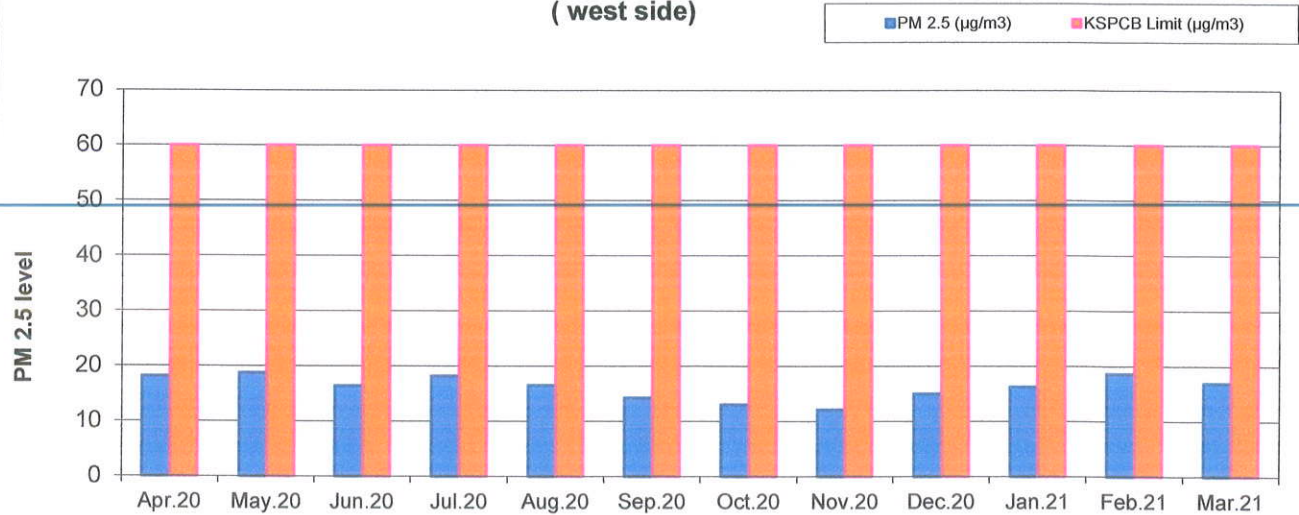
**Fig-4: Variation in SO<sub>2</sub> levels April 2020 to March 2021 Near Production area (East Side)**



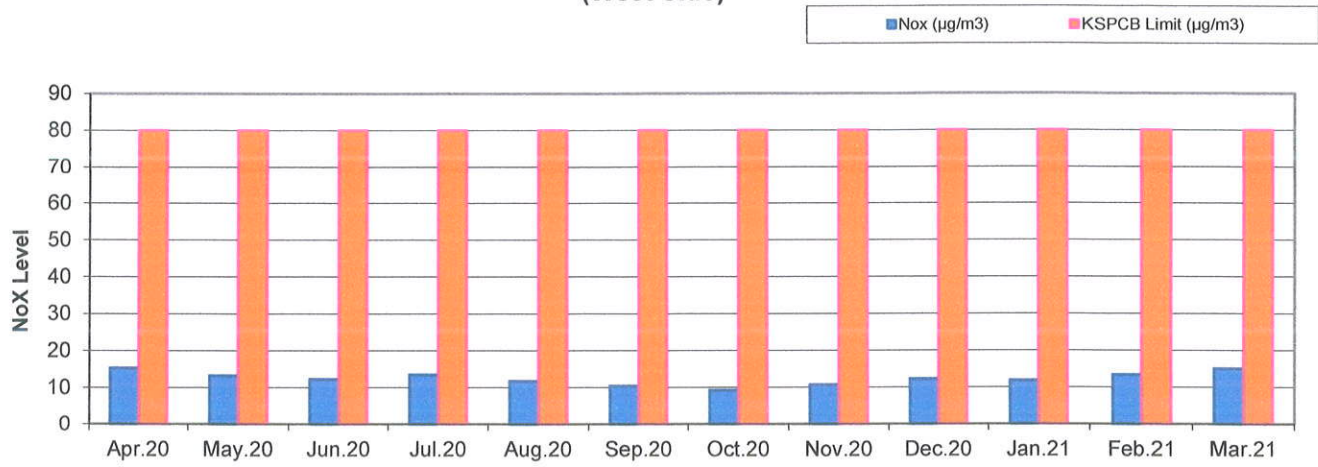
**Fig-1: Variation in PM 10 levels from April 2020 to March 2021 Near Bioler House (west Side)**



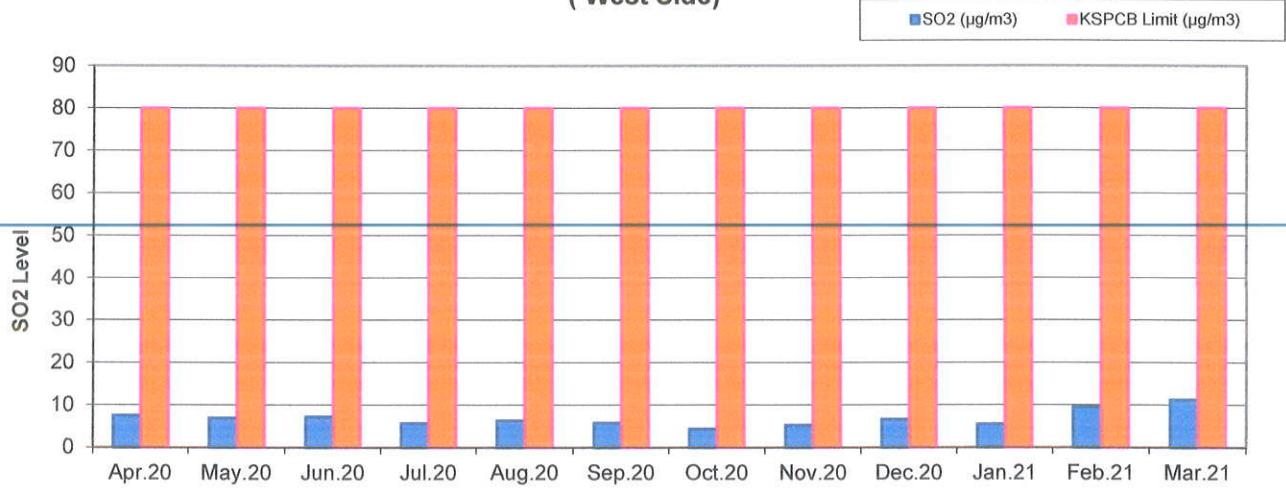
**Fig-2: Variation in PM 2.5 Levels from April 2020 to March 2021 Near Bioler House ( west side)**



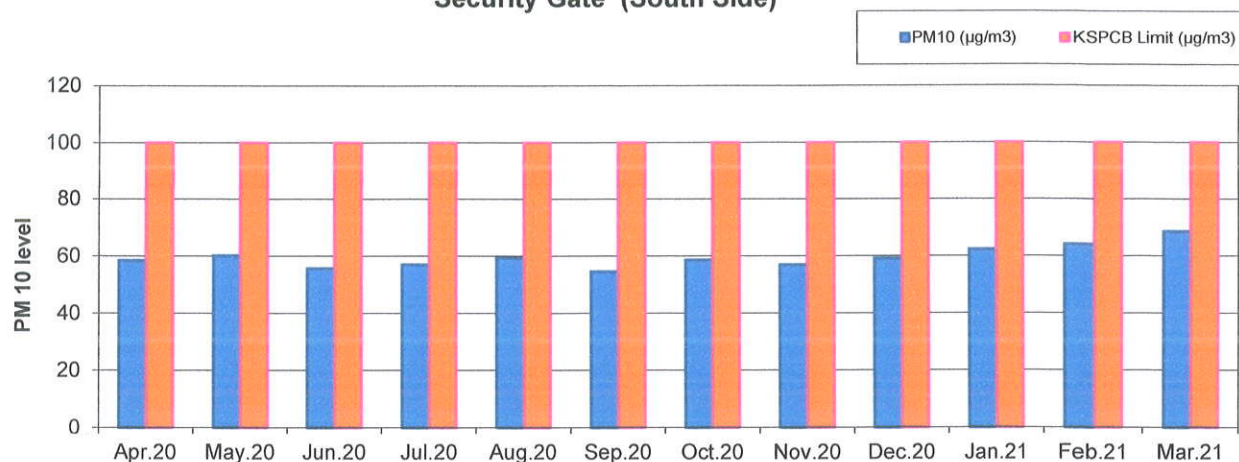
**Fig-3: Variation in NoX levels from April 2020 to March 2021 Near Bioler House (West Side)**



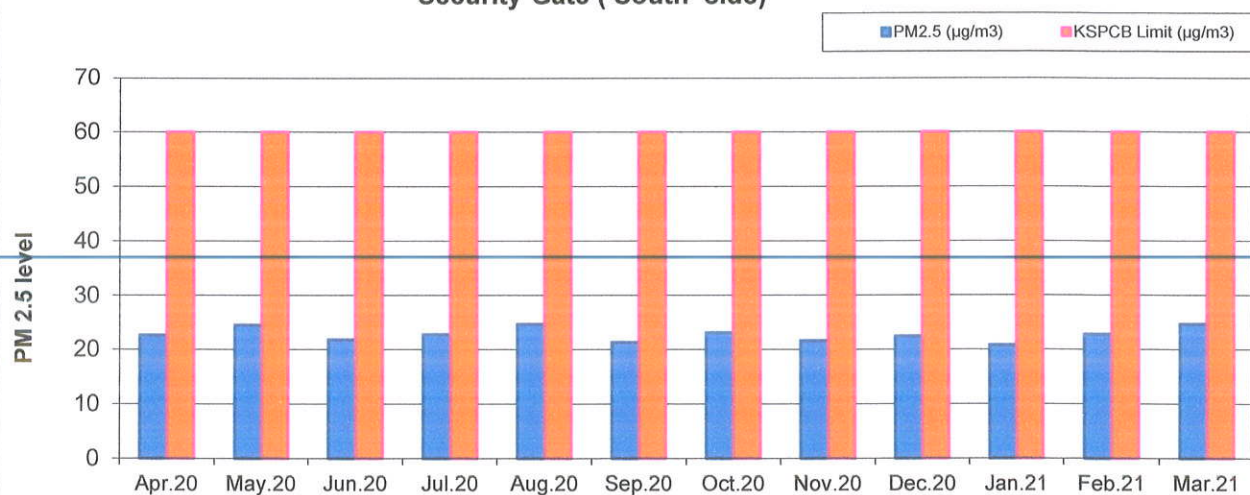
**Fig-4: Variation in SO2 levels from April 2020 to March 2021 Near Bioler House ( West Side)**



**Fig-1: Variation in PM 10 levels from April 2020 to March 2021 Near Materail Security Gate (South Side)**

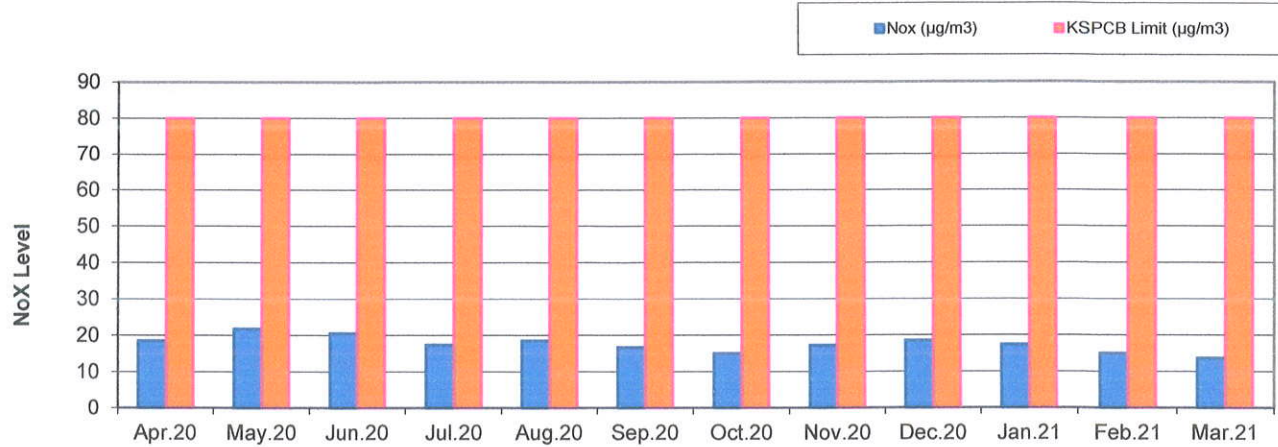


**Fig-2: Variation in PM 2.5 Levels from April 2020 to March 2021 Near Materail Security Gate ( South side)**





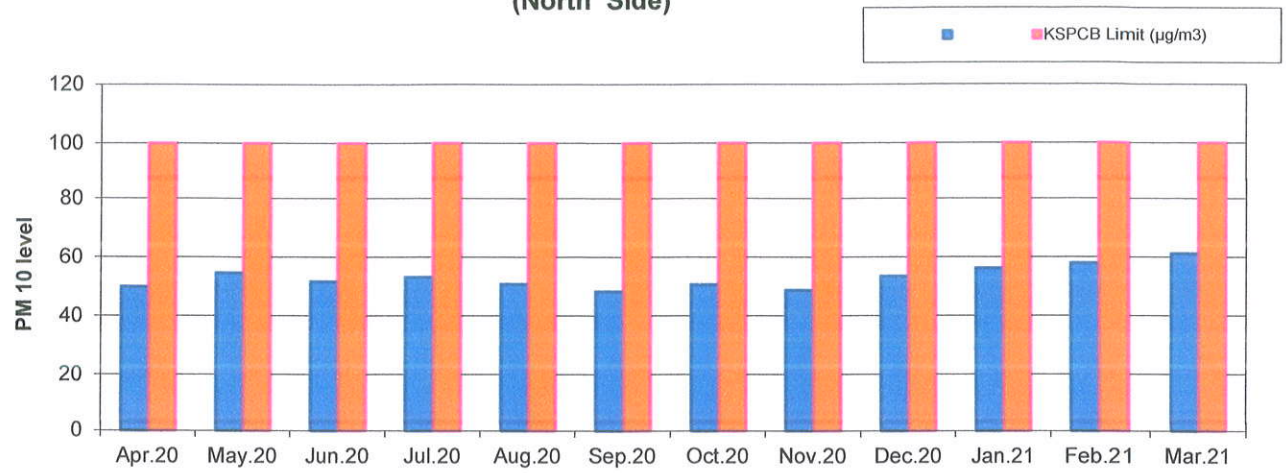
**Fig-3: Variation in NoX levels from April 2020 to March 2021 Near Materail Security Gate (South Side)**



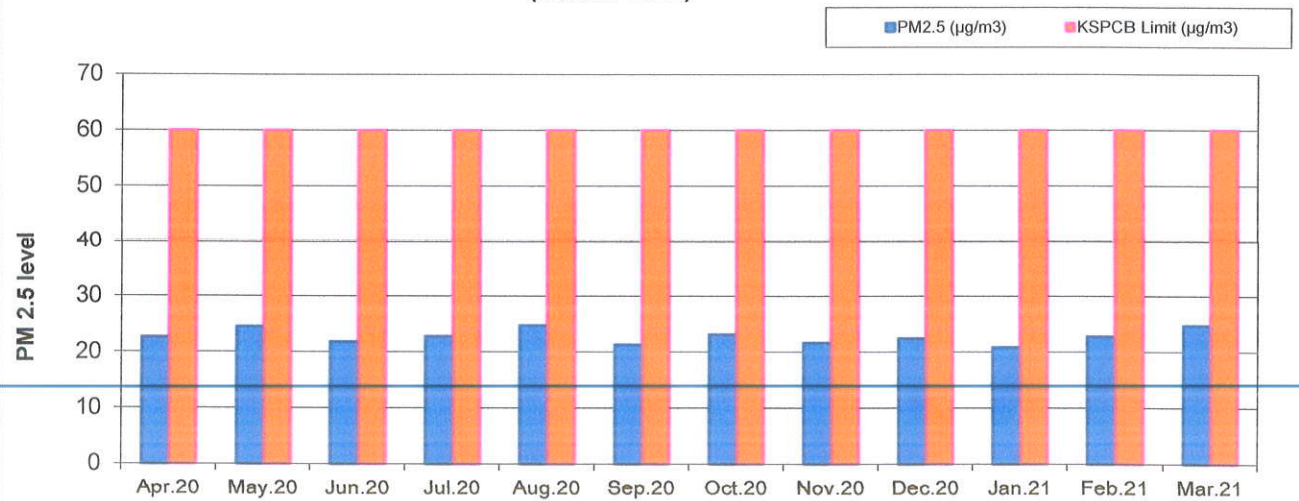
**Fig-4: Variation in SO<sub>2</sub> levels from April 2020 to March 2021 Near Materail Security Gate (South Side)**



**Fig-1: Variation in PM 10 levels from April 2020 to March 2021 Near ETP Area (North Side)**

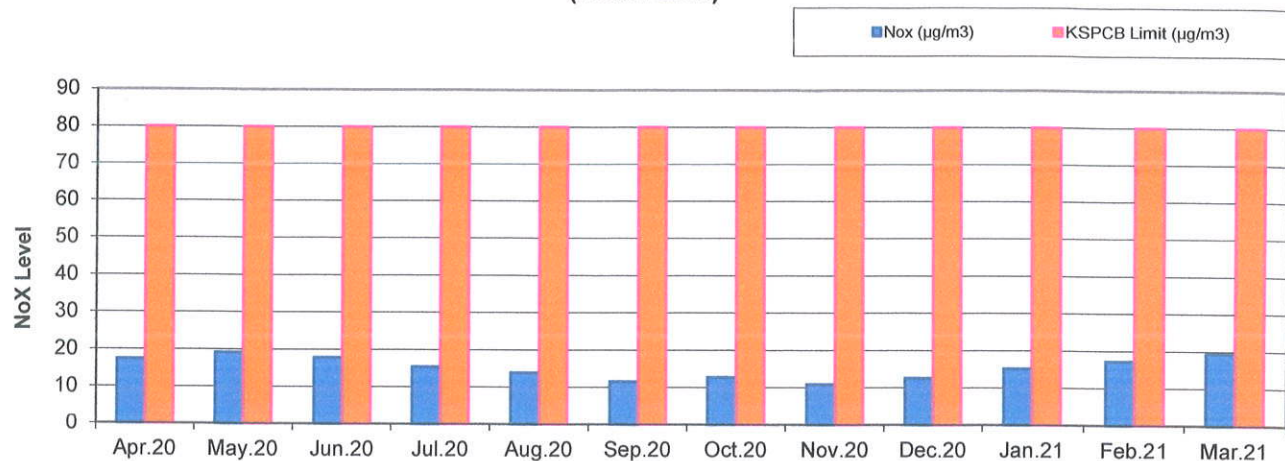


**Fig-2: Variation in PM 2.5 Levels from April 2020 to March 2021 Near ETP Area (North side)**



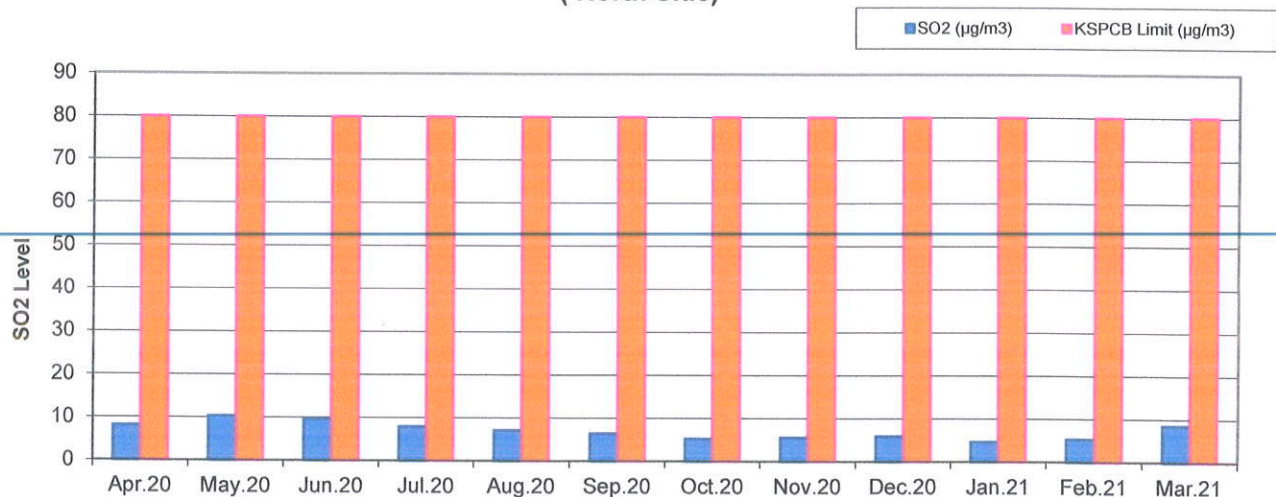
**Fig-3: Variation in NoX levels from April 2020 to March 2021 Near (North Side)**

**ETP Area**



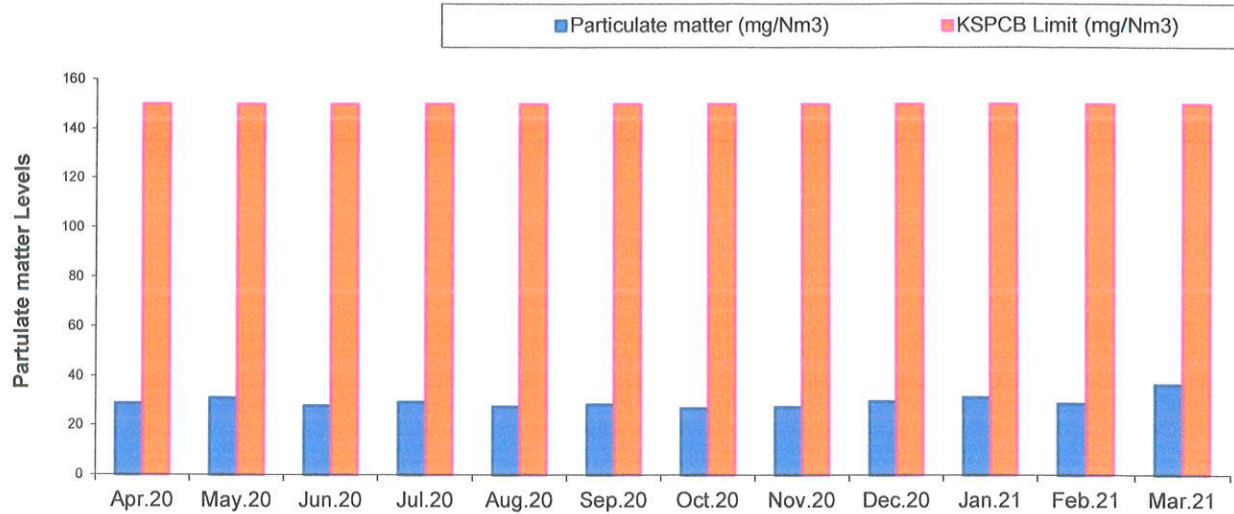
**Fig-4: Variation in SO2 levels from April 2020 to March 2021 Near (North Side)**

**ETP Area**

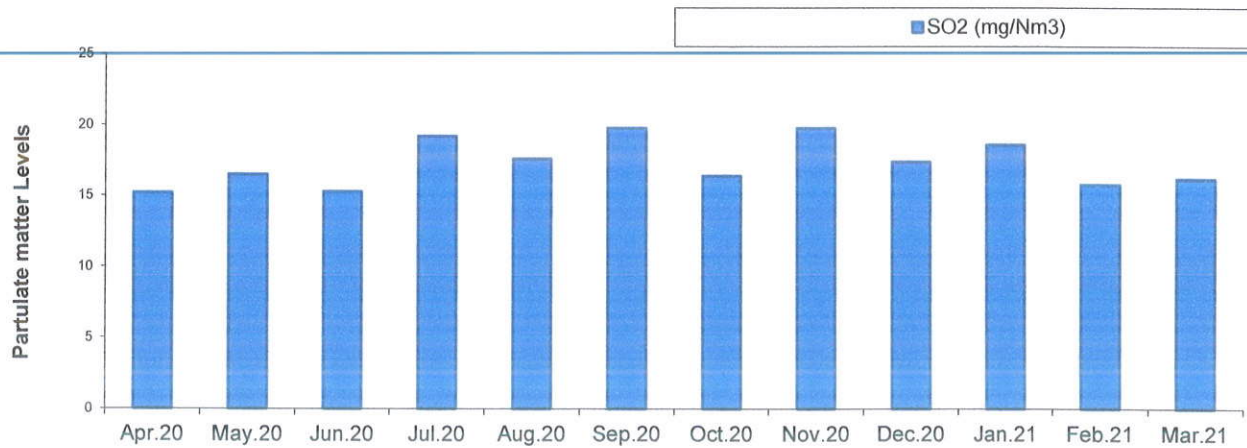




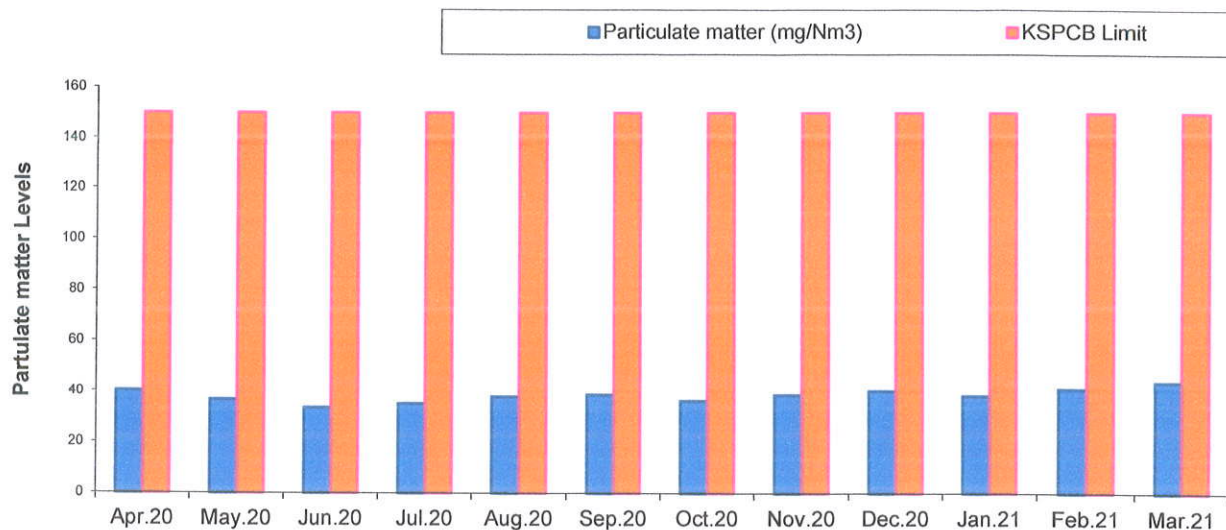
**Fig-01: Variation in emission of Particulate matter Levels of stack attached to Boiler from April 2020 to March 2021**



**Fig-02: Variation in emission of SO2 Levels of stack attached to Boiler from April 2020 to March 2021**



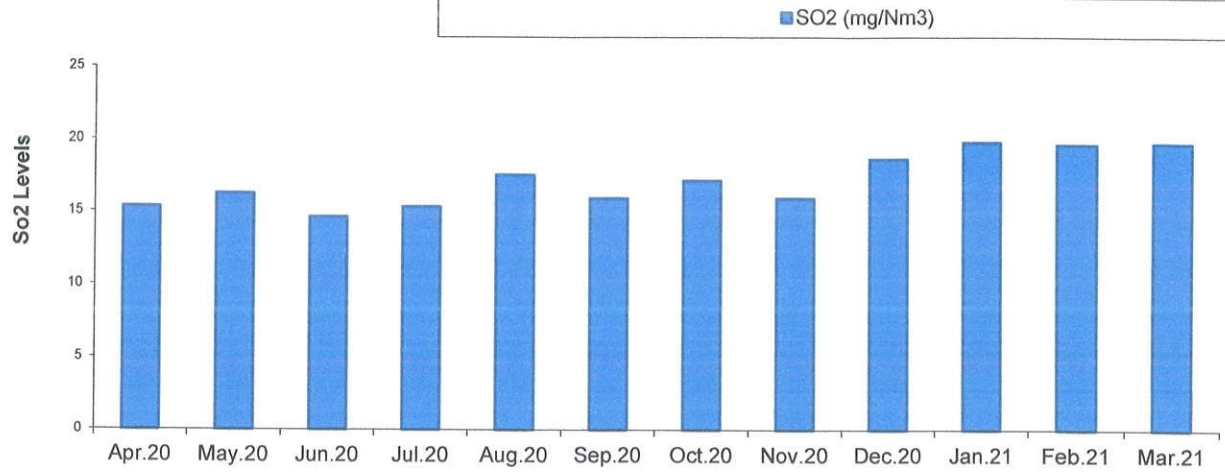
**Fig-03: Variation in emission of Particulate matter Levels of stack attached to DG set (1500KVA) from April 2020 to March 2021**



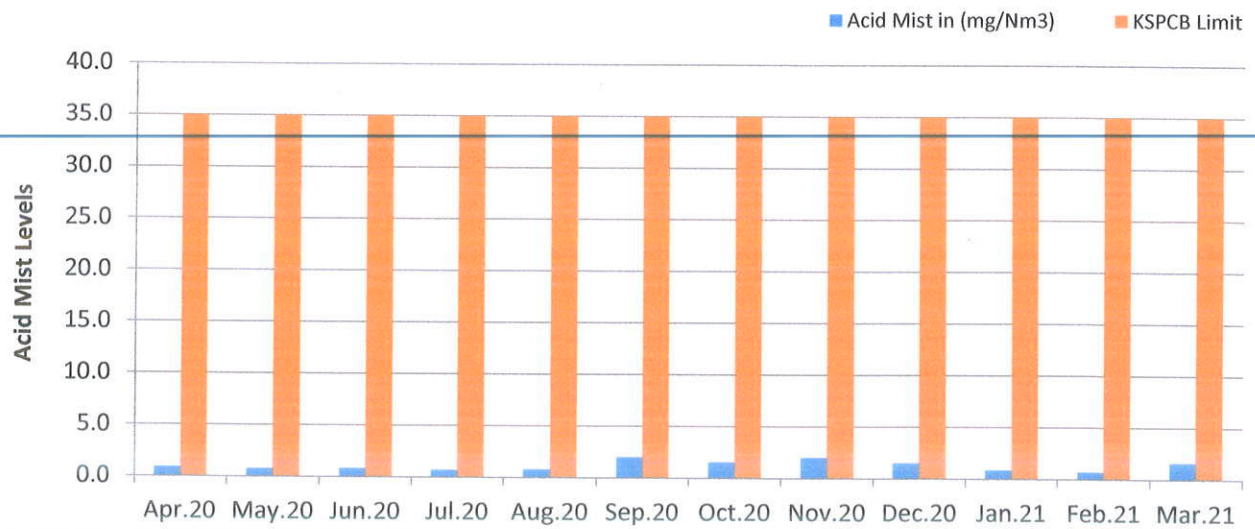
**Fig-01: Variation in emission of Nox Levels of stack attached to DG set (1500KVA) from April 2020 to March 2021**



**Fig-01: Variation in emission of SO<sub>2</sub> Levels of stack attached to DG set (1500KVA) from April 2020 to March 2021**

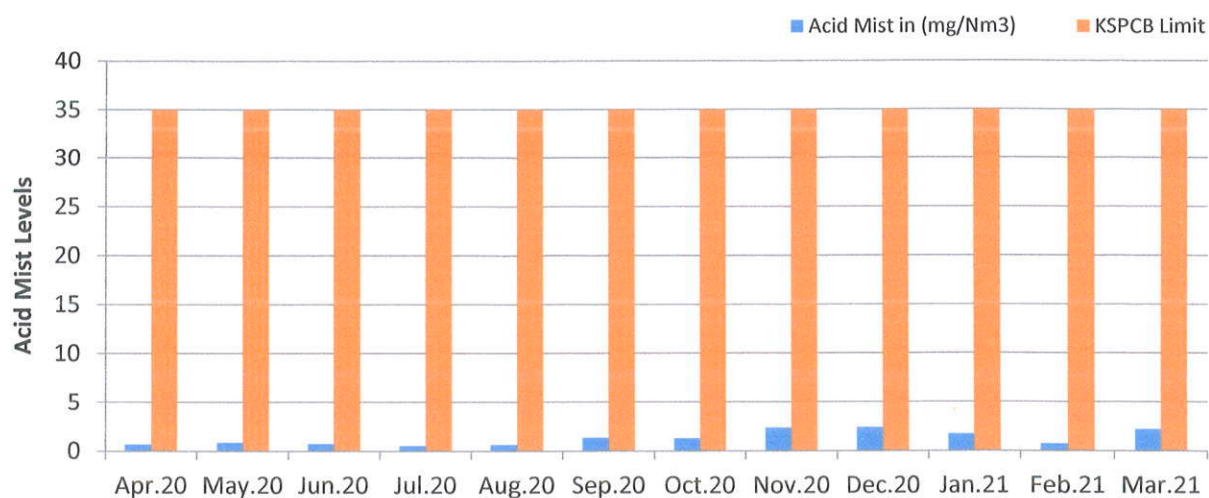


**Fig-01: Variation in emission of Acid mist in stack attached to Scrubber 201 from April 2020 to March 2021**

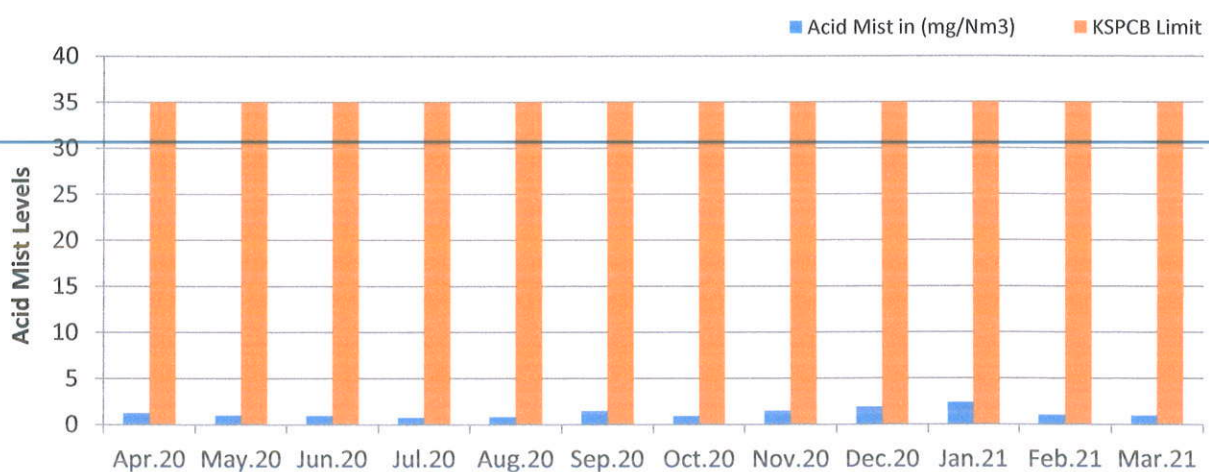




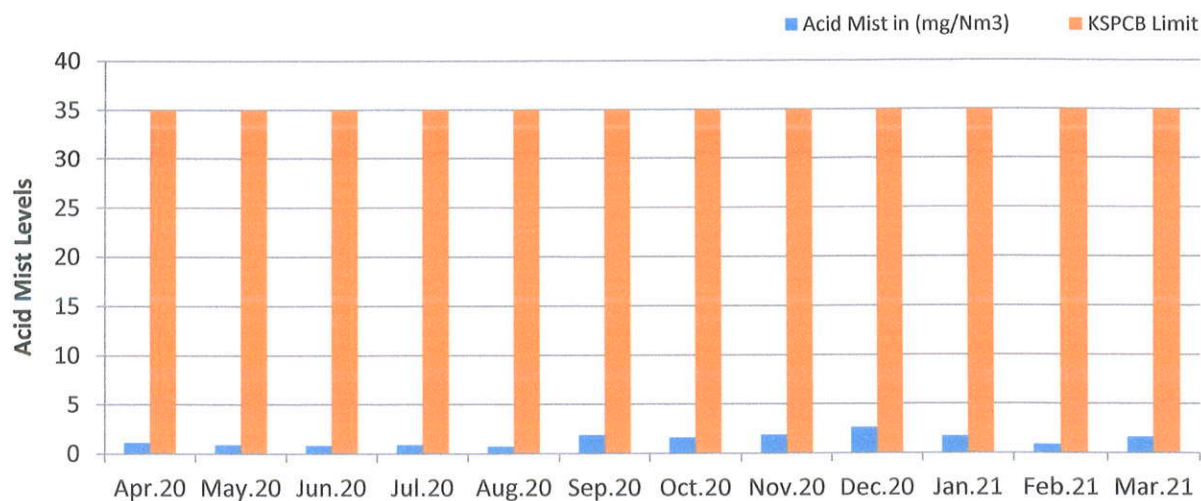
**Fig-02: Variation in emission of Acid mist in stack attached to Scrubber (SCB-202) from April 2020 to March 2021**



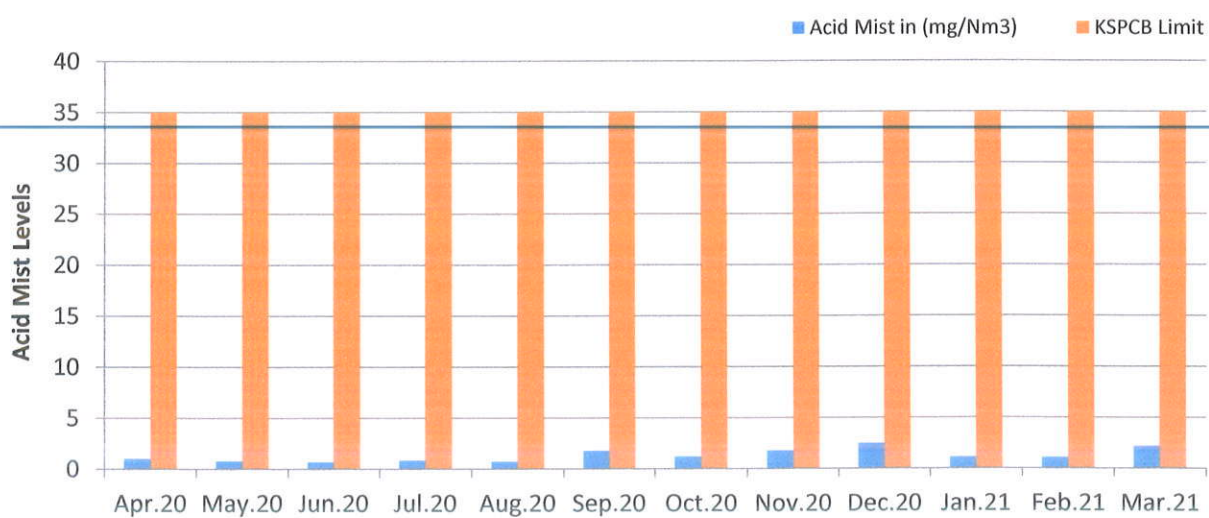
**Fig-03: Variation in emission of Acid mist in stack attached to Scrubber (SCB-203) from April 2020 to March 2021**



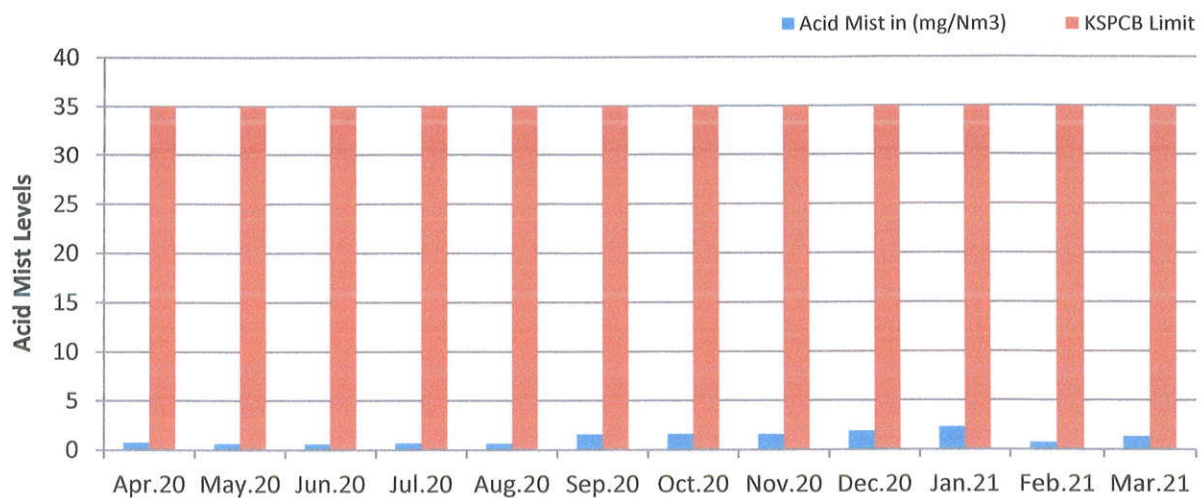
**Fig-04: Variation in emission of Acid mist in stack attached to Scrubber (SCB-204) from April 2020 to March 2021**



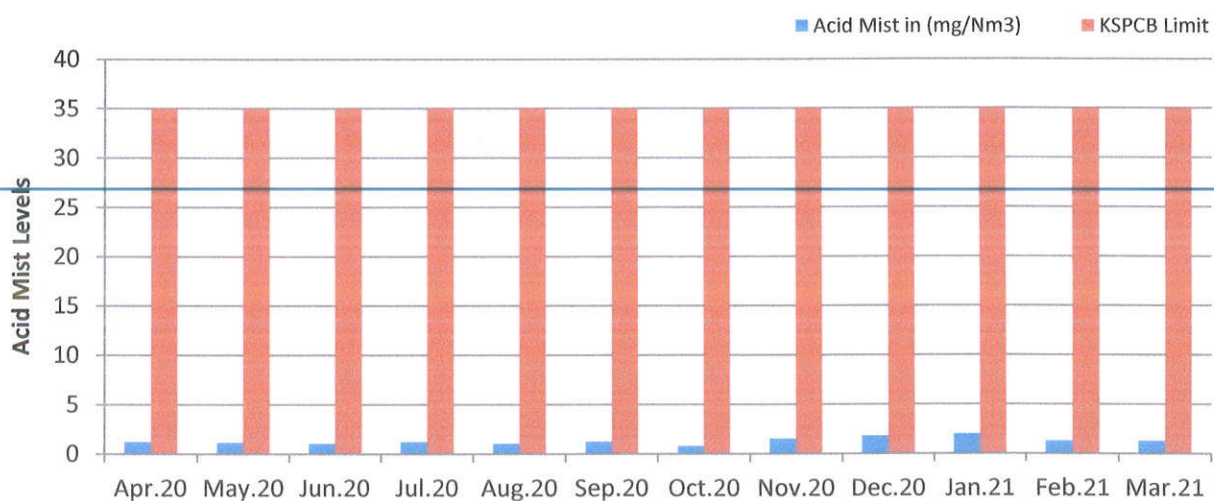
**Fig-05: Variation in emission of Acid mist in stack attached to Scrubber (205) from April 2020 to March 2021**



**Fig-06: Variation in emission of Acid mist in stack attached to Scrubber (206) from April 2020 to March 2021**

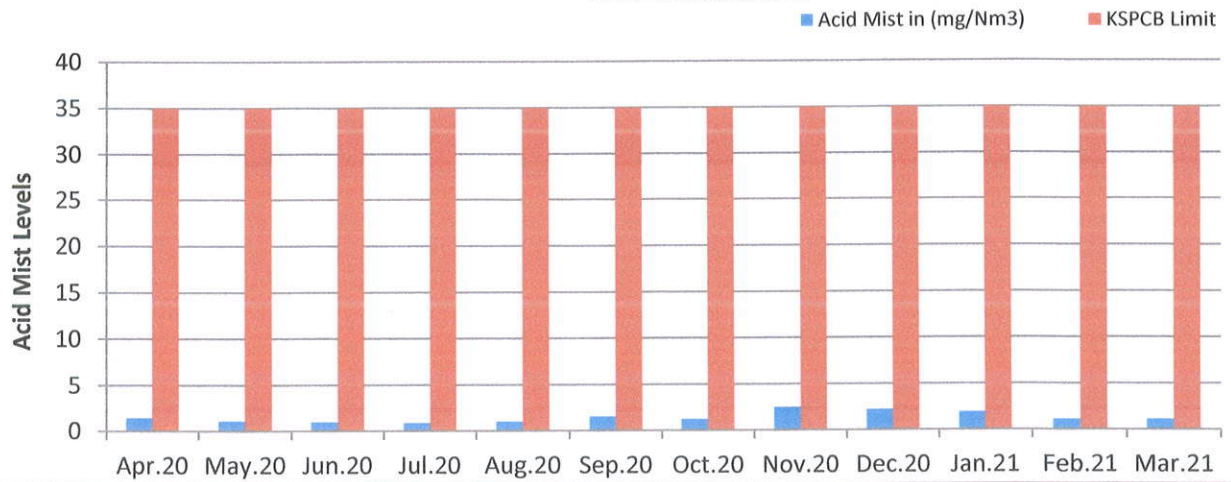


**Fig-07: Variation in emission of Acid mist in stack attached to Scrubber (207) from April 2020 to March 2021**

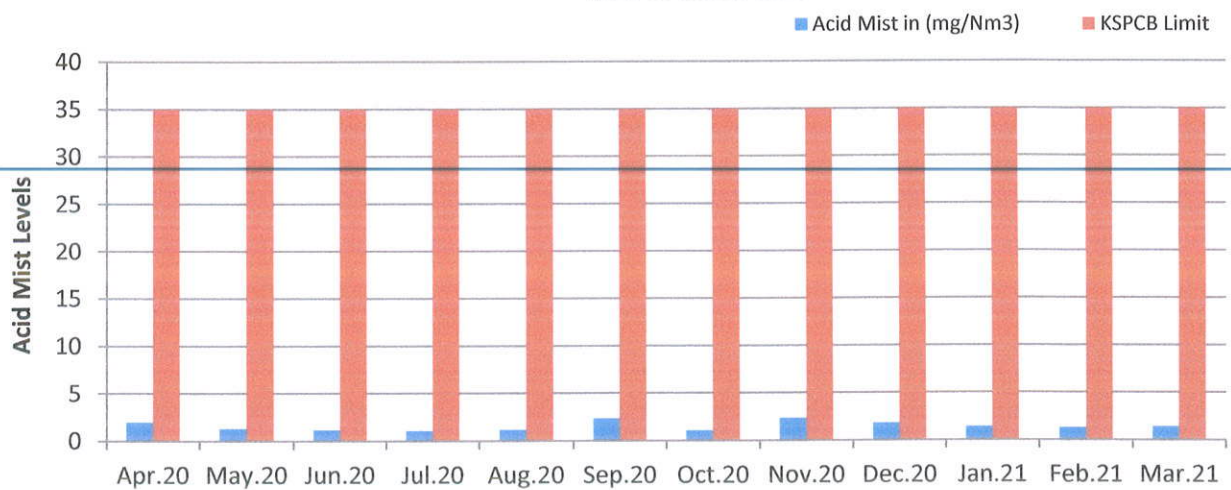




**Fig-08: Variation in emission of Acid mist in stack attached to Scrubber (SCB-101) from April 2019 to March 2020**



**Fig-09: Variation in emission of Acid mist in stack attached to Scrubber (SCB-17) from April 2020 to March 2021**



## Water consumption from April 2020 to March 2021

