



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000035301

Submitted Date

14-09-2021

PART A

Company Information

Company Name

Mind Space Business Parks Private Limited

Application UAN number

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Address

Plot No. 3, TTC Industrial area of MIDC Airoli,
Navi Mumbai, Maharashtra

Plot no

Plot No. 3

Taluka

Thane

Village

Airoli

Capital Investment (In lakhs)

124247

Scale

Large Scale Industry (L.S.I.)

City

Navi Mumbai

Pincode

400708

Person Name

Mr. Kishore Hedao

Designation

Complex Head

Telephone Number

09717098229

Fax Number

022 26564000

Email

kishore.hedao@kraheja.com

Region

SRO-Navi Mumbai II

Industry Category

Red

Industry Type

other

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/CAC-CELL/UAN No.
0000088493/CR - 2007001436 Format
1.0/CAC-CELL/UAN No. 0000083878/CO
- 2007001694

Consent Issue Date

24.07.2020

Consent Valid Upto

15.02.2025

Establishment Year

2015

Date of last environment statement submitted

Sep 29 2020 12:00:00:000AM

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

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Product Information

Product Name

Not Applicable - IT Park Projects

Consent Quantity

Not Applicable

Actual Quantity

Not Applicable

UOM

MT/A

By-product Information

By Product Name

Not Applicable - IT Park Projects

Consent Quantity

Not Applicable

Actual Quantity

Not Applicable

UOM

MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	NIL	NIL
Cooling	NIL	158.86 (Recycled)
Domestic	2294.5 (Fresh)	1150 = 934.48 (Fresh) + 215.51 (Recycled)
All others	NIL	21.55 (for Gardening- Recycled)
Total	2294.5 (Fresh)	1330.41 = 934.48 (Fresh) + 395.93 (Recycled)

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily quantity of trade effluent from the factory	NIL	NIL	CMD
Daily quantity of sewage effluent from the factory	1759.0	1308.86	CMD
Daily quantity of treated effluent	NA	1047.09	CMD

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

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Nor Applicable	Not Applicable	Not Applicable	CMD

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

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Not Applicable - IT Park Project	Not Applicable	Not Applicable	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	12096.0	35.9	KL/A

Part-C

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

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Colour, Hazen	--	5	-	-	Not applicable
pH	--	7.26	-	-	Not applicable
TSS	243.56	18.61	6.93	20 mg/l	Not applicable
Free ResCl2	0.77	0.59	41.22	1 ppm	Not applicable
COD	27.32	20.87	58.26	50 mg/l	Not applicable
BOD	11.98	9.15	8.48	10 mg/l	Not applicable
Oil & Grease	1.93	1.48	-	-	Not applicable
Oil & Grease	1.93	1.48	-	-	Not applicable

[B] Air (Stack)**Pollutants Detail**

	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
DG Set No. 1 (1010 KVA) - Building No. 1- TPM	0.65	45.00	70	150 mg/Nm3	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 1- SO2	2.29	159.01	19.16	198 Kg/Day	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 1- NOx	0.31	21.45	--	--	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 1- TPM	0.72	48.20	67.87	150 mg/Nm3	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 1- SO2	2.87	192.66	2.70	198 Kg/Day	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 1- NOx	0.29	19.57	--	--	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 1- TPM	0.68	43.00	71.33	150 mg/Nm3	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 1- SO2	2.08	130.59	34.05	198 Kg/Day	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 1- NOx	0.37	23.43	--	--	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 1- TPM	0.68	44.20	70.53	150 mg/Nm3	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 1- SO2	2.08	135.55	31.54	198 Kg/Day	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 1- NOx	0.31	20.51	--	--	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 2-TPM	0.65	44.25	70.50	150 mg/Nm3	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 2-SO2	2.06	140.89	28.24	198 Kg/Day	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 2-NOx	0.36	24.46	--	--	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 2 -TPM	0.65	46.10	69.27	150 mg/Nm3	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 2 -SO2	2.73	192.65	2.75	198 Kg/Day	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 2 -NOx	0.28	19.57	--	--	Not applicable
DG Set No.3 (1010 KVA) - Building No. 2 -TPM	0.63	44.45	70.37	150 mg/Nm3	Not applicable
DG Set No.3 (1010 KVA) - Building No. 2 -SO2	1.96	138.05	30.28	198 Kg/Day	Not applicable
DG Set No.3 (1010 KVA) - Building No. 2 -NOx	0.33	23.43	--	--	Not applicable
DG Set No.4 (1010 KVA) - Building No. 2 -TPM	0.66	44.75	70.17	150 mg/Nm3	Not applicable
DG Set No.4 (1010 KVA) - Building No. 2 - SO2	2.21	149.41	24.54	198 Kg/Day	Not applicable

DG Set No.4 (1010 KVA) - Building No. 2 - NOx	0.36	24.46	--	--	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 3- TPM	0.60	44.55	70.30	150 mg/Nm3	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 3- SO2	1.95	144.29	27.12	198 Kg/Day	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 3- NOx	0.33	24.37	--	--	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 3- TPM	0.59	44.80	70.13	150 mg/Nm3	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 3- SO2	2.01	152.46	23.00	198 Kg/Day	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 3- NOx	0.28	21.55	--	--	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 3- TPM	0.57	43.40	71.07	150 mg/Nm3	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 3- SO2	3.03	230.77	16.55	198 Kg/Day	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 3- NOx	0.29	22.02	--	--	Not applicable
DG Set No. 1 (2000 KVA) - Building No.4- TPM	0.53	43.75	70.83	150 mg/Nm3	Not applicable
DG Set No. 1 (2000 KVA) - Building No.4- SO2	1.74	144.04	27.25	198 Kg/Day	Not applicable
DG Set No. 1 (2000 KVA) - Building No.4- NOx	0.32	26.44	--	--	Not applicable
DG Set No. 2 (2000 KVA) - Building No.4- TPM	0.55	43.15	71.23	150 mg/Nm3	Not applicable
DG Set No. 2 (2000 KVA) - Building No.4- SO2	1.90	149.83	24.33	198 Kg/Day	Not applicable
DG Set No. 2 (2000 KVA) - Building No.4- NOx	0.27	21.55	--	--	Not applicable
DG Set No. 3 (2000 KVA) - Building No.4- TPM	0.58	44.10	70.60	150 mg/Nm3	Not applicable
DG Set No. 3 (2000 KVA) - Building No.4- SO2	1.95	148.79	24.85	198 Kg/Day	Not applicable
DG Set No. 3 (2000 KVA) - Building No.4-NOx	0.37	28.32	--	--	Not applicable
DG Set No. 4 (2000 KVA) - Building No.4- TPM	0.59	44.35	70.43	150 mg/Nm3	Not applicable
DG Set No. 4 (2000 KVA) - Building No.4- SO2	2.00	149.42	24.54	198 Kg/Day	Not applicable
DG Set No. 4 (2000 KVA) - Building No.4- NOx	0.31	23.43	--	--	Not applicable
DG Set No. 1 (1000 KVA) - Building No.5 - TPM	0.71	42.15	71.90	150 mg/Nm3	Not applicable
DG Set No. 1 (1000 KVA) - Building No.5 - SO2	2.31	138.10	30.25	198 Kg/Day	Not applicable
DG Set No. 1 (1000 KVA) - Building No.5 - NOx	0.41	24.46	--	--	Not applicable
DG Set No. 2 (1000 KVA) - Building No.5 - TPM	0.89	44.50	70.33	150 mg/Nm3	Not applicable

DG Set No. 2 (1000 KVA) - Building No.5 - SO2	3.07	153.85	22.30	198 Kg/Day	Not applicable
DG Set No. 2 (1000 KVA) - Building No.5 - NOx	0.39	19.57	--	--	Not applicable
DG Set No. 3 (1000 KVA) - Building No.5 - TPM	0.85	41.80	72.13	150 mg/Nm3	Not applicable
DG Set No. 3 (1000 KVA) - Building No.5 - SO2	2.69	131.54	33.56	198 Kg/Day	Not applicable
DG Set No. 3 (1000 KVA) - Building No.5 - NOx	0.38	18.54	--	--	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 5- TPM	0.90	45.90	69.40	150 mg/Nm3	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 5- SO2	3.41	173.13	12.56	198 Kg/Day	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 5- NOx	0.50	25.40	--	--	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 8-TPM	0.53	40.80	72.80	150 mg/Nm3	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 8-SO2	1.93	147.08	25.71	198 Kg/Day	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 8-NOx	0.29	22.39	--	--	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 8-TPM	0.57	43.05	71.30	150 mg/Nm3	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 8-SO2	1.93	145.20	26.67	198 Kg/Day	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 8-NOx	0.30	22.49	--	--	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 8- TPM	0.55	42.70	71.53	150 mg/Nm3	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 8- SO2	2.56	199.08	-0.55	198 Kg/Day	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 8- NOx	0.25	19.57	--	--	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 8- TPM	0.58	45.00	70.00	150 mg/Nm3	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 8- SO2	2.75	211.87	-7.00	198 Kg/Day	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 8-NOx	0.33	25.40	-	-	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 9-TPM	0.84	44.90	70.07	150 mg/Nm3	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 9-SO2	2.68	143.60	27.47	198 Kg/Day	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 9-NOx	0.36	19.48	-	-	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 9-TPM	0.82	44.25	70.50	150 mg/Nm3	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 9-SO2	2.53	136.05	31.29	198 Kg/Day	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 9-NOx	0.49	26.35	-	-	Not applicable

DG Set No. 3 (1010 KVA) - Building No. 9-TPM	0.83	43.85	70.77	150 mg/Nm3	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 9-SO2	2.78	147.07	25.72	198 Kg/Day	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 9-NOx	0.42	22.49	-	-	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 9-TPM	0.80	46.60	68.93	150 mg/Nm3	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 9-SO2	3.61	211.38	-6.76	198 Kg/Day	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 9-NOx	0.37	21.45	-	-	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 10-TPM	0.70	41.00	72.67	150 mg/Nm3	Not applicable
DDG Set No. 1 (1010 KVA) - Building No. 10-SO2	2.54	148.14	25.18	198 Kg/Day	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 10-NOx	0.42	24.46	-	-	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 10-TPM	0.72	41.85	72.10	150 mg/Nm3	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 10-SO2	2.50	144.44	27.05	198 Kg/Day	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 10-NOx	0.44	25.40	-	-	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 9-TPM	0.79	43.25	71.17	150 mg/Nm3	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 9-SO2	2.46	134.13	32.36	198 Kg/Day	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 9-NOx	0.41	22.49	-	-	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 10-TPM	0.80	42.95	71.37	150 mg/Nm3	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 10-SO2	2.33	125.47	36.63	198 Kg/Day	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 10-NOx	0.49	26.35	-	-	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 11-TPM	0.76	41.25	72.50	150 mg/Nm3	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 11-SO2	2.63	142.61	27.98	198 Kg/Day	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 11-NOx	0.38	20.51	-	-	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 11-TPM	0.78	43.15	71.23	150 mg/Nm3	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 11-SO2	2.54	141.18	28.70	198 Kg/Day	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 11-NOx	0.44	24.46	-	-	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 11-TPM	0.74	41.50	72.33	150 mg/Nm3	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 11-SO2	2.59	145.84	26.34	198 Kg/Day	Not applicable

DG Set No. 3 (1010 KVA) - Building No. 11-NOx	0.48	27.29	-	-	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 11-TPM	0.76	42.50	71.67	150 mg/Nm3	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 11-SO2	2.71	151.49	23.49	198 Kg/Day	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 11-NOx	0.40	22.49	-	-	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 12-TPM	0.63	42.25	71.83	150 mg/Nm3	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 12-SO2	2.30	152.75	22.85	198 Kg/Day	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 12-NOx	0.34	22.49	-	-	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 12-TPM	0.60	41.40	72.40	150 mg/Nm3	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 12-SO2	2.10	143.71	27.42	198 Kg/Day	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 12-NOx	0.31	21.55	-	-	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 12-TPM	0.65	43.55	70.97	150 mg/Nm3	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 12-SO2	2.09	139.21	29.69	198 Kg/Day	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 12-NOx	0.34	22.49	-	-	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 12-TPM	0.63	47.20	68.53	150 mg/Nm3	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 12-SO2	3.01	224.54	-13.40	198 Kg/Day	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 12-NOx	0.26	19.57	-	-	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 14-TPM	0.64	42.15	71.90	150 mg/Nm3	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 14-SO2	2.39	156.44	20.99	198 Kg/Day	Not applicable
DG Set No. 1 (1010 KVA) - Building No. 14-NOx	0.36	23.52	-	-	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 14-TPM	0.63	44.60	70.27	150 mg/Nm3	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 14-SO2	2.90	205.17	-3.62	198 Kg/Day	Not applicable
DG Set No. 2 (1010 KVA) - Building No. 14-NOx	0.28	19.57	-	-	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 14-TPM	0.61	37.20	75.20	150 mg/Nm3	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 14-SO2	1.37	83.50	57.83	198 Kg/Day	Not applicable
DG Set No. 3 (1010 KVA) - Building No. 14-NOx	0.32	19.57	-	-	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 14-TPM	0.65	44.50	70.33	150 mg/Nm3	Not applicable

DG Set No. 4 (1010 KVA) - Building No. 14-SO2	3.26	224.47	-13.37	198 Kg/Day	Not applicable
DG Set No. 4 (1010 KVA) - Building No. 14-NOx	0.28	19.57	-	-	Not applicable

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	2	1.4	KL/A
Other Hazardous Waste	0 (E- Waste IT & tele-communication equipment)	3.082	MT/A
Other Hazardous Waste	465 + 60 Nos/A = 5.83 + 0.73 MT/A	Nil	Nos./Y

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	NA	NA	KL/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Wet Waste	627.84	244.56	MT/A
Dry Waste	345.6	36.86	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
STP Sludge	--	0.049	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	NIL	NIL	MT/A

Part-F

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

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	1.4	KL/A	Liquid
Other Hazardous Waste	3.082	MT/A	Solid
Other Hazardous Waste	Nil	Nos./Y	Solid

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Wet waste	244.56	MT/A	Semi Solid - (Disposal: Processed in OWC & used as manure)
Dry waste	36.86	MT/A	Solid - (Disposal: Sold to recyclers)

Part-G

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

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Sewage Treatment- STP AMC cost for bldg 2to 8 &14	0.00	0.00	0.00	0.00	69 Lakhs	0.00
Environment Monitoring	0.00	0.00	0.00	0.00	7 Lakhs	0.00

Part-H

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

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Upgradation of STP technology from MBBR to MBR in building No. 9, 10, 11 & 12.	--	127 Lakhs
AMC for OWC	--	17.52 Lakhs
Garden Maintenance	--	20 Lakhs

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
TThe company maintains green belt around the site. The Company maintains a safe and healthy environment within the premises.	--	20 Lakhs
AMC for OWC	15 Lakhs	18 Lakhs
AMC for STP	15 Lakhs	70 Lakhs
Environment Monitoring	15 Lakhs	7 Lakhs

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The Company maintains a safe and healthy environment within the premises.

Name & Designation

Mr. Kishore Hedao (Complex Head)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000035301

Submitted On:

14-09-2021