JPP/ 196 /2022
Date : 05/08/2022

To
The Member Secretary
Jharkhand State Pollution Control Board
TA Division Building (Ground Floor)
HEC Campus, Dhurwa,
Ranchi – 834 004

Sub : Submission of Environmental Statement for the FY 2021-22.

Dear Sir,

Please find the "Environment Statement" for Tata Power Co. Ltd., Jamshedpur for the period 1st April 2021 to 31st March 2022 enclosed here with.

We trust you will find the above in order.

Thanking you,

Yours faithfully
For The Tata Power Co. Ltd.

(Jagmit Singh Sidhu)
CEO-IEL & Chief-Jamshedpur Operations

Encl: as above.

CC : The Regional Officer, JSPCB, MB / 15, New Housing Colony, Adityapur, Jamshedpur – 13. (With enclosures)

FORM – V

(See rule 14)

Environmental Statement for the financial year ending the 31st March 2022.

PART – A

(i) Name and address of the Owner / occupier of the industry : Mr. Praveer Sinha
Designation: - CEO & Managing Director

Address: - Flat No. 22 A B
New Akash Ganga Chsi
89 Bhulabha Desai Road,
Cumballa Hill,
Mumbai - 400026.

(ii)	Industry category Primary – (SC Code), Secondary – (SIC Code)	:	Not applicable
(iii)	Production capacity (Units)	:	67.5 MW - One no. 120 MW - Four Nos.
(iv)	Year of establishment/COD	:	Unit #1 - 67.5 MW -1997 Unit #2 - 120 MW - 2001 Unit #3 - 120 MW - 2002 Unit #4 - 120 MW - 2005 Unit # 5 -120 MW - 2011
(v)	Date of the last Environmental Statement submitted.	:	14.09. 2021

PART – B

Water and Raw Material Consumption

(1)	Water consumption m^3 / d	:	24508.42 m^3 / d
	Process	:	2927.17 m^3 / d
	Cooling	:	21465.90 m^3 / d
	Domestic	:	115.35 m^3 / d

Name of products	Process water consumption per unit of product output	
	During the current financial year (2020–21) (Unit 1-5)	During the current financial year (2021–22) (Unit 1-5)
Power (MWH)	0.3104 m^3 / MWh	0.2764 m^3 / MWh

(2) Raw Material consumption :

Name of the raw material	Name of products	Consumption of raw material per unit of output	
		During the current financial year(2020–21) (Unit 1-5)	During the current financial year(2021–22) (Unit 1-5)
Coal	Electric Power	646.4 kg / MWh	658.6 kg / MWh
LDO	Electric Power	0.364 L/MWh	0.445 L/MWh

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 in Discharged (mass / volume)	Percentage of Variation from prescribed Standards with reasons
A) Water	**NIL (No Discharge)**		
B) Air (stack)	**MT / Day**	**Mg / Nm^3**	
SPM		Annexure II	**Not /Applicable**
SO2	53.5	Annexture I	To comply with new emissio norms of SO2 and NOx ,
NOX		Annexure II	FGD installation under progress.

PART – D

HAZARDOUS WASTES (AS SPECIFIED UNDER HAZARDOUS WASTES (MANAGEMENT, HANDLING AND TRANSBOUDARY MOVEMENT RULES, 2016)

Hazardous Waste	Total Quantity (kg / years)	
	During the current financial year (2020-21) (Unit 1-5)	During the current financial year (2021-22) (Unit 1-5)
a) From process	Used Oil –10350 Liters	Used Oil –37910 Liters
b) From Pollution Control facilities	Nil	Nil

PART – E

Solid Waste

	Total Quantity (MT / year)	
	2020-21 (unit 1-5)	2021-22 (unit 1-5)
a) From process (Ash)	840845	1004222
b) From Pollution Control Facilities	Not Applicable	Not Applicable
c) Recycled/ Utilised ash for making cement to Nuvocco cement plant pneumatically and other cement plants by Bulker , Ready mix concrete and Bricks manufacturers.	592982	688725
d) Sold	Nil	Nil
e) Utilized for development of low lying areas and NHAI	247863	325254

PART – F

Wastes and their characteristics

Used Oil – Liquid Hydrocarbon (Category 5.1)
mineral/synthetic oil used for lubrication

Parameter	Maximum Permissible Limit	Test Result
Polychlorinated biphenyls (PCBs)	< 2.0 ppm by Gas Liquid Chromatography (GLC) using electron capture detector (ECD)	0.6
Lead	100 ppm (Max)	3.3
Arsenic	<5 ppm	2.7
Cadmium + Chromium + Nickel	<500 ppm	135
Polyaromatic hydrocarbons (PAH)	< 6%	2.7

PART – G

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

1. ETP installed for the treatment of Industrial (Process) effluent.
2. STP installed for the treatment of Domestic effluent.
3. Ash water recovery system has been installed and implemented.
4. Implemented Rain water harvesting system

The treated effluent from ETP and STP is being recycled in the process for conservation of natural resources (Fresh water)

Conservation of natural resources (sp.water reduction w.r.t previous year)	0.29 M3/MWH
Cost of production	Rs. 13.40 / MWH

PART – H

Additional measures / investment proposal environmental protection including Abatement of pollution prevention of pollution :		(1) FGD installation is under process. (2) We have installed CAAQMS (continuous Ambient Air Quality Monitoring System) for online ambient air quality monitoring. (3) For the control of Air Pollution ESP, Flue gas stack of 107 and 150 meter height, Dust suppression system have been installed. (4) For control of Water pollution ETP and STP have been installed for the treatment of Industrial and Domestic effluent respectively. (5) Rain water harvesting system has been implemented by adopting Roof top rain water harvesting system. (6) Green belt has been developed in and around plant premises. (7) Environment monitoring /sampling has been done by NABL certified Third party. (8) Biodegradable waste converter installation job is in process to treat biodegradable waste and utilize as compost.

PART – I

Any other particulars for improving the quality environment	1) 491 Nos saplings planted inside & outside of the plant. 2) 5S technique is being implemented in Power Station for the betterment of work environment. (3) Continuous operation of effluent treatment plant for recycling of waste water is in place. The specific water consumption is 2.31 M3/MWHr in FY 22 against the applicable norms of 3.5 M3/MWHr. (4) Operation of sewage treatment plant on regular basis. The treated water is being utilized in cooling purpose as per CEA recommendation. (5) For controlling fugitive dust in the plant, regular sprinkling of water through tanker is being carried out. (6) Good housekeeping is being maintained in and around the plant.

Stoichiometric Calculation for SO2 Generation MT in 2021-22 : (ANNEX - I)

Let X = Coal quantity fired in furnace in MT
Let Y = sulpher content of coal in %

Formula for Total emission of SO2 in MT in year = (X*Y)*2/100*0.95

Month	Coal Type	Total Coal consumption unit 1-5 (MT)	Sulpher content in coal (%)	SO2 Generation by coal (MT)	Total LDO consumption unit 1-5 (KL)	Sulpher content in LDO (%)	SO2 Generation by LDO (MT)	Total SO2 Generation (MT)
Apr'21	Coal (Type 1) - Middling (MT)	96826.64	0.46	846.26	72.63	0.33	0.48	1665.55
	Coal (Type 2) - CCL- T4 (MT) 1&4	18943.00	0.36	129.57				
	Coal (Type 3) - CCL- Shakti (MT) 2&3	11372.00	0.31	66.98				
	Coal (Type 4) -CCL-Shakti R3 (MT) U2&3	64710.00	0.33	405.73				
	Coal (Type 5) - ECL-T4 (MT) 1&4	9991.00	0.38	72.14				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	3851.59	0.39	28.54				
	Coal (Type 9) - WB reject (MT)	926.00	0.38	6.69				
	Coal (Type 10) - Tailings by Road (MT)	2317.00	0.62	27.29				
	Coal (Type 11) - NCL T4 (MT)	3715.07	0.77	54.35				
	Coal (Type 14) - MCL Shakti (MT)	4389.08	0.33	27.52				
May'21	Coal (Type 1) - Middling (MT)	92922.00	0.44	776.83	67.18	0.30	0.40	1562.70
	Coal (Type 2) - CCL- T4 (MT) 1&4	17555.00	0.31	103.40				
	Coal (Type 3) - CCL- Shakti (MT) 2&3	17968.00	0.35	119.49				
	Coal (Type 4) -CCL-Shakti R3 (MT) U2&3	37934.00	0.39	281.09				
	Coal (Type 5) - ECL-T4 (MT) 1&4	7584.00	0.34	48.99				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	9880.00	0.35	65.70				
	Coal (Type 9) - WB reject (MT)	3733.00	0.38	26.95				
	Coal (Type 10) - Tailings by Road (MT)	4646.00	0.62	54.73				
	Coal (Type 12) -MCL-T4 1&4 (MT)	3787.00	0.31	22.31				
	Coal (Type 14) - MCL Shakti (MT)	10663.00	0.31	62.81				
June'21	Coal (Type 1) - Middling (MT)	62872.04	0.47	563.84	397.59	0.32	2.54	1518.57
	Coal (Type 2) - CCL- T4 (MT) 1&4	20582.01	0.31	121.23				
	Coal (Type 4) -CCL-Shakti R3 (MT) U2&3	28026.87	0.38	202.35				
	Coal (Type 5) - ECL-T4 (MT) 1&4	14240.39	0.35	94.70				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	12790.22	0.36	87.49				
	Coal (Type 9) - WB reject (MT)	7515.60	0.38	54.26				
	Coal (Type 10) - Tailings by Road (MT)	6774.54	0.58	74.66				
	Coal (Type 12) -MCL-T4 1&4 (MT)	7772.20	0.37	54.64				
	Coal (Type 14) - MCL Shakti (MT)	7413.36	0.32	45.07				
	Coal (Type 16) -CCL-Shakti R2 (MT) U2&3	14240.88	0.32	86.58				
	Coal (Type 17) -CCL-Shakti W IV (MT) U2&3	20310.97	0.34	131.21				
July'21	Coal (Type 1) - Middling (MT)	60737.73	0.47	542.39	103.00	0.34	0.70	1680.55
	Coal (Type 2) - CCL- T4 (MT) 1&4	27776.00	0.33	174.16				
	Coal (Type 4) -CCL-Shakti R3 (MT) U2&3	24354.00	0.36	166.58				
	Coal (Type 5) - ECL-T4 (MT) 1&4	18076.47	0.38	130.51				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	7074.52	0.35	47.05				
	Coal (Type 9) - WB reject (MT)	10200.00	0.38	73.64				
	Coal (Type 10) - Tailings by Road (MT)	6300.70	0.58	69.43				
	Coal (Type 11) - NCL T4 (MT) 1&4	8583.00	0.65	106.00				
	Coal (Type 14) - MCL Shakti (MT) 2&3	14988.00	0.34	96.82				
	Coal (Type 16) -CCL-Shakti R2 (MT) U2&3	11637.52	0.35	77.39				
	Coal (Type 17) -CCL-Shakti W IV (MT) U2&3	23497.00	0.32	142.86				
	Coal (Type 18) -Vinayak	7542.00	0.37	53.02				
Aug'21	Coal (Type 1) - Middling (MT)	45255.74	0.44	378.34	129.13	0.38	0.98	1900.07
	Coal (Type 2) - CCL- T4 (MT) 1&4	22064.83	0.47	197.04				
	Coal (Type 4) -CCL-Shakti R3 (MT) U2&3	65012.00	0.51	629.97				
	Coal (Type 5) - ECL-T4 (MT) 1&4	10785.00	0.39	79.92				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	110.00	0.35	0.73				
	Coal (Type 9) - WB reject (MT)	5173.00	0.38	37.35				
	Coal (Type 11) - NCL T4 (MT) 1&4	2817.29	0.33	17.66				
	Coal (Type 12) -MCL-T4 (RCR) 1&4 (MT)	3886.60	0.35	25.85				
	Coal (Type 14) - MCL Shakti (MT) 2&3	26711.00	0.37	187.78				
	Coal (Type 16) -CCL-Shakti R2 (MT) U2&3	3001.00	0.35	19.96				
	Coal (Type 17) -CCL-Shakti W IV (MT) U2&3	11716.00	0.36	80.14				
	Coal (Type 18) -Vinayak	38974.00	0.33	244.37				
Sept'21	Coal (Type 1) - Middling (MT)	61658.22	0.44	515.46	215.42	0.34	1.46	1934.08
	Coal (Type 2) - CCL- T4 (MT) 1&4	955.31	0.41	7.44				
	Coal (Type 3) - CCL- Shakti (MT) 2&3	8321.25	0.57	90.12				
	Coal (Type 4) -CCL-Shakti R3 (MT) U2&3	27615.70	0.57	299.08				
	Coal (Type 5) - ECL-T4 (MT) 1&4	168.12	0.39	1.25				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	7713.50	0.35	51.29				
	Coal (Type 7) - ECL-SFA 2&3 (MT)	11261.95	0.75	160.48				
	Coal (Type 9) - WB reject (MT)	1260.96	0.38	9.10				
	Coal (Type 10) - Tailings by Road (MT)	1037.64	0.58	11.43				

	Coal (Type 12) -MCL-T4 (RCR) 1&4 (MT)	3901.25	0.39	28.91				
	Coal (Type 14) - MCL Shakti (MT) 2&3	24188.18	0.43	197.62				
	Coal (Type 17) -CCL-Shakti WIV Washary (MT) U	23078.35	0.34	149.09				
	Coal (Type 18) -Vinayak	56972.87	0.38	411.34				
Oct'21	Coal (Type 1) - Middling (MT)	95882.00	0.44	807.65	253.98	0.32	1.63	1858.70
	Coal (Type 4) -CCL-Shakti R3 (MT) U2&3	16871.34	0.55	176.31				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	7249.00	0.43	59.22				
	Coal (Type 8) - 2P (JDWS) (MT)	6721.50	0.34	43.42				
	Coal (Type 9) - WB reject (MT)	6420.00	0.38	46.35				
	Coal (Type 10) - Tailings by Road (MT)	8933.57	0.58	98.45				
	Coal (Type 12) -MCL-T4 (RCR) 1&4 (MT)	3868.70	0.36	26.46				
	Coal (Type 14) - MCL Shakti (MT) 2&3	7459.83	0.44	62.36				
	Coal (Type 16) -CCL-Shakti R2 (MT) U2&3	3950.94	0.46	34.53				
	Coal (Type 17) -CCL-Shakti W IV Washary (MT) U	60780.00	0.38	438.83				
	Coal (Type 18) -Vinayak	6073.59	0.38	43.85				
Nov'21	Coal (Type 1) - Middling (MT)	78555.00	0.42	626.87	98.36	0.36	0.71	1362.55
	Coal (Type 2) - CCL- T4 (MT) 1&4	11793.00	0.41	91.87				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	437.00	0.41	3.40				
	Coal (Type 8) - 2P (JDWS) (MT)	547.70	0.34	3.54				
	Coal (Type 9) - WB reject (MT)	3078.69	0.38	22.23				
	Coal (Type 14) - MCL Shakti (MT) 2&3	12518.85	0.42	99.90				
	Coal (Type 16) -CCL-Shakti R2 (MT) U2&3	4119.15	0.41	32.09				
	Coal (Type 17) -CCL-Shakti W IV Washary (MT) U	47931.00	0.35	318.74				
	Coal (Type 18) -Vinayak	26030.00	0.33	163.21				
Dec'21	Coal (Type 1) - Middling (MT)	85062.00	0.40	646.47	203.27	0.21	0.85	1490.82
	Coal (Type 2) - CCL- T4 (MT) 1&4	13291.28	0.36	90.91				
	Coal (Type 4) -CCL-Shakti R3 (MT) U2&3	7247.00	0.55	75.73				
	Coal (Type 5) - ECL-T4 (MT) 1&4	1103.00	0.39	8.17				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	4807.00	0.52	47.49				
	Coal (Type 8) - 2P (JDWS) (MT)	1529.00	0.37	10.75				
	Coal (Type 9) - WB reject (MT)	1287.23	0.38	9.29				
	Coal (Type 12) -MCL-T4 (RCR) 1&4 (MT)	3863.05	0.31	22.75				
	Coal (Type 14) - MCL Shakti (MT) 2&3	20078.00	0.49	186.93				
	Coal (Type 16) -CCL-Shakti R2 (MT) U2&3	11097.94	0.46	97.00				
	Coal (Type 17) -CCL-Shakti W IV Washary (MT) U	30160.00	0.32	183.37				
	Coal (Type 18) -Vinayak	17719.06	0.33	111.10				
Jan'22	Coal (Type 1) - Middling (MT)	85918.00	0.40	652.98	121.76	0.24	0.58	1555.47
	Coal (Type 2) - CCL- T4 (MT) 1&4	9201.25	0.33	57.69				
	Coal (Type 4) -CCL-Shakti R3 (MT) U2&3	38886.09	0.38	280.76				
	Coal (Type 5) - ECL-T4 (MT) 1&4	8293.60	0.34	53.58				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	16387.97	0.43	133.89				
	Coal (Type 8) - 2P (JDWS) (MT)	8666.82	0.34	55.99				
	Coal (Type 9) - WB reject (MT)	4539.37	0.56	48.30				
	Coal (Type 10) - Tailings by Road (MT)	2881.30	0.58	31.75				
	Coal (Type 12) -MCL-T4 (RCR) 1&4 (MT)	19.60	0.33	0.12				
	Coal (Type 14) - MCL Shakti (MT) 2&3	15568.42	0.42	124.24				
	Coal (Type 17) -CCL-Shakti W IV Washary (MT) U	16443.02	0.37	115.59				
Feb'22	Coal (Type 1) - Middling (MT)	81431.00	0.40	618.88	40.86	0.25	0.20	1518.75
	Coal (Type 2) - CCL- T4 (MT) 1&4	7383.88	0.33	46.30				
	Coal (Type 4) -CCL-Shakti R3 (MT) U2&3	30886.40	0.34	199.53				
	Coal (Type 5) - ECL-T4 (MT) 1&4	2656.00	0.34	17.16				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	1731.00	0.49	16.12				
	Coal (Type 8) - 2P (JDWS) (MT)	4009.01	0.34	25.90				
	Coal (Type 9) - WB reject (MT)	5070.00	0.56	53.94				
	Coal (Type 10) - Tailings by Road (MT)	2840.00	0.58	31.30				
	Coal (Type 12) -MCL-T4 (RCR) 1&4 (MT)	10450.91	0.33	65.53				
	Coal (Type 14) - MCL Shakti (MT) 2&3	22942.46	0.42	183.08				
	Coal (Type 16) -CCL-Shakti R2 (MT) U2&3	15693.60	0.36	107.34				
	Coal (Type 17) -CCL-Shakti W IV Washary (MT) U	18467.29	0.33	115.79				
	Coal (Type 18) -Vinayak	5835.00	0.34	37.69				
Mar'22	Coal (Type 1) - Middling (MT)	81723.86	0.41	636.63	18.38	0.23	0.08	1496.35
	Coal (Type 4) -CCL-Shakti R3 (MT) U2&3	64487.47	0.31	379.83				
	Coal (Type 5) - ECL-T4 (MT) 1&4	12210.33	0.37	85.84				
	Coal (Type 6)- ECL Shakti- (MT) 2&3	2348.95	0.45	20.08				
	Coal (Type 9) - WB reject (MT)	5764.62	0.56	61.34				
	Coal (Type 10) - Tailings by Road (MT)	2377.06	0.58	26.20				
	Coal (Type 12) -MCL-T4 (RCR) 1&4 (MT)	609.90	0.33	3.82				
	Coal (Type 14) - MCL Shakti (MT) 2&3	7880.00	0.42	62.88				
	Coal (Type 16) -CCL-Shakti R2 (MT) U2&3	25913.41	0.32	157.55				
	Coal (Type 18) -Vinayak	9611.30	0.34	62.09				
FY 2021-22	Total SO2 Generation Unit 1-5 (Station) in MT/Year							19544.17
	Total SO2 generation per day Unit 1-5 (Station) in MT/Day							53.55

Stack Analysis FY 2021-22 : (ANNEX - II)

Stack connected to individual units	Parameters	Frequency of Measurement	Apr-21		May-21		Jun-21		Jul-21		Aug-21		Sep-21		Oct-21		Nov-21		Dec-21		Jan-22		Feb-22		Mar-22	
STACK (U # 1)	Stack		STACK U#1		STACK U#1		STACK U#1		STACK U#1		STACK U#1		STACK U#1		STACK U#1		STACK U#1		STACK U#1		STACK U#1		STACK U#1		STACK U#1	
	Date		12.04.2021		11.05.2021		07.06.2021		05.07.2021		02.08.2021		06.09.2021		06.10.2021		02.11.2021		15.12.2021		04.01.2022		02.02.2022		01.03.2022	
			Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B
	SPM in mg/Nm3	MONTHLY	74.86	74.80	73.60	73.70	74.28	71.97	68.04	67.73	69.00	69.25	70.57	72.04	67.53	68.27	71.40	70.86	66.09	67.96	65.3	67.14	70.73	70.22	67.89	68.22
	NO2 in mg/Nm^3	MONTHLY	597.19	588.45	590.49	585.19	591.72	583.82	575.55	565.67	560.67	552.08	536.87	532.21	526.58	516.66	537.91	527.86	486.86	476.60	482.76	500.23	499.55	499.8	476.91	499.76
STACK (U # 2)	Stack		STACK U#2		STACK U#2		STACK U#2		STACK U#2		STACK U#2		STACK U#2		STACK U#2		STACK U#2		STACK U#2		STACK U#2		STACK U#2		STACK U#2	
	Date		12.04.2021		11.05.2021		07.06.2021		05.07.2021		02.08.2021		06.09.2021		06.10.2021		02.11.2021		18.12.2021		07.01.2022		02.02.2022		01.03.2022	
			Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B
	SPM in mg/Nm3	MONTHLY	74.42	74.86	74.61	73.69	68.01	69.50	69.77	71.27	68.00	69.48	67.90	66.31	71.29	70.05	68.21	67.44	69.58	69.36	69.68	70.35	72.01	71.81	71.6	72.59
	NO2 in mg/Nm^3	MONTHLY	594.93	574.86	577.21	584.92	581.14	586.38	574.88	572.84	558.93	559.85	543.71	542.14	547.80	542.10	542.95	544.93	523.14	514.44	525.58	528.12	511.81	517.78	519.83	526.81
STACK (U # 3)	Stack		STACK U#3		STACK U#3		STACK U#3		STACK U#3		STACK U#3		STACK U#3		STACK U#3		STACK U#3		STACK U#3		STACK U#3		STACK U#3		STACK U#3	
	Date		13.04.2021		12.05.2021		08.06.2021		06.07.2021		03.08.2021		07.09.2021		07.10.2021		03.11.2021		18.12.2021		05.01.2022		03.02.2022		02.03.2022	
			Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B
	SPM in mg/Nm3	MONTHLY	74.29	74.16	73.81	72.61	72.96	72.72	69.30	69.95	72.34	72.14	66.66	68.00	70.05	70.23	72.50	74.32	64.57	67.15	66.24	67.69	71.35	71.53	70.78	70.17
	NO2 in mg/Nm^3	MONTHLY	571.03	564.95	578.07	569.59	585.97	592.36	565.82	574.45	579.30	581.75	589.50	591.48	601.46	590.47	581.07	594.83	532.55	537.03	534.22	557	601.34	588.7	578.39	570.38
STACK (U # 4)	Stack		STACK U#4		STACK U#4		STACK U#4		STACK U#4		STACK U#4		STACK U#4		STACK U#4		STACK U#4		STACK U#4		STACK U#4		STACK U#4		STACK U#4	
	Date		13.04.2021		12.05.2021		08.06.2021		06.07.2021		03.08.2021		07.09.2021		07.10.2021		03.11.2021		16.12.2021		05.01.2022		03.02.2022		02.03.2022	
			Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B
	SPM in mg/Nm3	MONTHLY	49.39	49.37	47.96	48.35	47.80	46.60	46.94	46.52	48.30	49.13	47.37	46.54	45.01	44.35	46.84	47.45	44.37	43.45	44.63	44.33	47.96	47.23	48.56	47.51
	NO2 in mg/Nm^3	MONTHLY	475.55	491.29	465.66	474.32	481.42	480.21	475.73	475.18	464.25	461.90	450.84	455.92	428.47	462.47	441.47	449.82	418.09	421.73	483.42	488.11	539.38	526.75	480.97	492.12
STACK (U # 5)	Stack		STACK U#5		STACK U#5		STACK U#5		STACK U#5		STACK U#5		STACK U#5		STACK U#5		STACK U#5		STACK U#5		STACK U#5		STACK U#5		STACK U#5	
	Date		14.04.2021		13.05.2021		09.06.2021		09.07.2021		04.08.2021		08.09.2021		08.10.2021		04.11.2021		16.12.2021		06.01.2022		04.02.2022		03.03.2022	
			Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B	Pass A	Pass B
	SPM in mg/Nm3	MONTHLY	49.39	49.88	48.26	47.68	46.98	45.96	48.50	48.28	46.80	47.51	48.59	48.31	47.06	45.93	44.36	44.71	43.01	44.06	45.59	47.68	45.19	46.07	46.61	46.97
	NO2 in mg/Nm^3	MONTHLY	541.29	548.03	532.70	537.87	528.14	533.93	519.51	526.94	492.17	505.69	468.85	481.25	463.25	443.10	450.46	436.00	444.81	451.89	506.61	523.32	498.05	512.97	493.81	510.14