MCPI Private Limited

Ref. No. MOEF&CC /11/25/1416 **Date: 17.11.2025**

The IGF& In charge,
GOI, MoEF &CC, Integrated Regional Office, Kolkata
IB – 198, Sector-III, Salt Lake City,
Kolkata - 700106

Sub: Six Monthly Status Report on the Compliance of the Conditions of the Environment Clearance for the Old plant.

Ref: Environment Clearance no. J-11011/33/97. IA. II (I) dated 20/7/98.
& MoEF&CC EC Transfer: J-11011/33/97. IA. II (I) dated 19.01.2021.

Dear Sir / Madam,

We are enclosing herewith the status report for the period from **April'2025–September'25** on the point wise compliance to the conditions as mentioned in the Environmental clearance.

The necessary 'Consent to Operate' under Air & Water Act, Public Liability Insurance Policy, and authorization for hazardous waste etc. is being periodically renewed and updated. We sincerely hope that the above compliance status report is in line with the approval letter accorded by MoEF&CC for our Old plant and would meet your requirement. We are ready to provide any further clarifications, if necessary.

Thanking You,

Sincerely yours,
For **MCPI Private Limited**

Gautam Pal
Vice President-Utility, HSE & Quality

Encl: as stated.
CC: Environmental Engineer-In-Charge, HRO, WBPCB
Sr. Env. Engineer (Planning), WBPCB
Sr. Env. Engineer, CPCB, Kolkata

HALF YEARLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE CONDITIONS

1. Name of the Project: **M/s MCPI Private Limited – Haldia (West Bengal)**
2. MOEF&CC EC Clearance: J-11011/33/97. IA. II (I) dated 20/07/1998.
   &
   MoEF&CC EC Transfer: J-11011/33/97. IA. II (I) dated 19.01.2021.
3. **Period of Compliance Report: From 01.04.2025 to 30.09.2025**

Sl. No	Conditions	Compliance Status
(i)	Gaseous and emissions (SPM, SO2, CO, HC & NOx) from the various process units should conform to the standards prescribed by the competent authorities from time to time. At no time, the emissions level should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the respective unit should be put out of operation immediately and should not be restarted until the control measures are rectified to achieve the desired efficiency.	It is complied.
(ii)	Adequate number of air quality monitoring station should be set up in the down wind direction as well as where maximum ground level concentrations of SPM, SO2, NOx are anticipated in consultation with the State Pollution Control Board. The air quality monitoring stations should be selected based on modeling exercise to represent short term ground level concentrations, sensitive targets etc., Stack emission should be monitored regularly by setting stack monitoring devices in consultation with the state pollution control board. Data on stack emissions and ambient air quality including work zone should be submitted to this Ministry once in six months and the state pollution control Board once in three months along with the statistical analysis.	We have conducted ambient air quality monitoring from different locations inside as well as outside of the Factory (Within 10 km radius) depending upon predominant wind direction with the help of the approved vendor of WBPCB from each location on 24 hourly bases. The monitoring started in **April'25** and continued up to **June'25** at six different locations (Five outside the factory & One inside the factory). Results enclosed in **Annexure- IIa.** An online ambient air quality monitoring station was commissioned in the month of April'12. Result of **June'25 to Sept'25** is enclosed in **Annexure – IIb**

Sl. No	Conditions	Compliance Status
		We had been continuing our monitoring of various Stacks with the help of approved Vendor of WBPCB / MoEF&CC on periodic basis. Only quarterly monitoring of stacks is required as per the guidelines of the Air Consent letter & WBPCB is monitoring the same on quarterly basis. Analysis results from these stacks are enclosed as **Annexure - I**. Attached Stack Monitoring and AAQM monitoring vendor's NABL / MOEF&CC approval copies as **Annexure-1a**
(iii)	Work area air quality should meet the standards prescribed by the competent authorities/ OSHA. Fugitive emissions (HC) should be controlled, regularly monitored and data recorded.	Work environment monitoring is being done by the on-line static gas detectors, which are installed at various strategic locations inside the process plant & Tank farm area. These are being continuously monitored from DCS, which are provided with audio-visual signal & alarm. Work zone air quality monitoring was done in the month of **January'25** for SPM, RPM, organic and inorganic vapors throughout the plant by third party. The result is enclosed in **Annexure – IIc**. LDAR monitoring was done in our DP plant. Report is enclosed as **Annexure -IId**
(iv)	Liquid effluents coming out of the plant and the township should conform to the standards prescribed by the competent authorities from time to time. Recycling and reuse of the treated wastewater should be maximized to the extent possible. Tertiary treatment facilities should be provided as committed in the EMP	Our Effluent Treatment Plant is operated under activated sludge with diffused aeration system. The treated effluent is being monitored on-line (pH & Temp.) regularly through DCS. WBPCB also collects samples of final discharge treated effluent every month. The Final discharge effluent quality results are enclosed as **Annexure-III**.

Sl.No	Conditions	Compliance Status
(v)	Guard ponds of sufficient holding capacity should be provided to cope up with the effluents discharge during the process disturbances. The contributing units should be immediately shut down and should not be restarted without bringing the system back to normalacy.	We have installed four number of wastewater storage tanks having sufficient holding capacity for storage of Wastewater coming from various process discharges of the plant. This influence is being fed to the Aeration Tank at controlled rate as per their BOD & COD load through DCS. Besides, we have ETP pit of capacity 16,250 m^3 (Big pit) & Small pit (17.85 m^3) from where the treated effluent is pumped and discharged to the river Hoogly through underground pipeline after monitoring pH, Temperature, COD, BOD & TSS.
(vi)	Adequate number of effluent quality monitoring stations should be set up in consultation with the State Pollution Control Board. Regular monitoring should be carried out for PH, SS, BOD, COD. The monitored data along with statistical analysis and interpretation in the form of a report should be submitted to this ministry once in six months and the SPCB once in three months.	Effluent Quality Monitoring Station has been installed in the final effluent discharge stream. The treated effluent from ETP is collected in the ETP pit from where it is discharged through underground pipeline through sluice gate by pump to the river after continuously monitoring pH, Temp. by on-line analyzers. As the final treated effluent discharge is through a closed system there is no chance of any contamination/mixing. In view of the above one monitoring station in the final effluent discharge stream is considered adequate. This was also physically inspected by WBPCB, Kolkata & Haldia officials. The total Effluent Treatment Plant is being monitored through DCS (Distributed Control System). The analysis of different waste-water streams (COD & BOD) is being done by Laboratory regularly and the results are fed to DCS. Thus, the feed rate of different wastewater streams (Influent loads) to the inlet of ETP is controlled, so that the treated effluent quality meets the permissible limit. Hence the Effluent Treatment Plant operated smoothly.

Sl.No	Conditions	Compliance Status
		The final treated effluent samples before discharge are tested for all the parameters at our own laboratory once a month, which is well equipped with all testing facilities. The test result of the final discharge effluent is enclosed as **Annexure-III**. Online effluent monitoring system was installed at final discharge point and the online effluent monitoring data is transferring to CPCB server & WBPCB website.
(vii)	A study to assess the impact on Hooghly River due to disposal of treated effluent should be carried out. The marine outfall point, and route of the pipeline should be finalized based on the recommendation of the marine impact study before commissioning the project. Approval from WBPCB should be obtained for the above.	The Marine Impact Assessment study for assessing the impact on Hooghly River due to disposal of treated effluent had been done and the same report had been submitted to MOEF&CC & WBPCB, Kolkata before commissioning of the Project. From the report it was concluded that no impact on the river body is envisaged due to discharge of our treated effluent.
(viii)	Permission under CRZ Notification must be obtained for the proposed facilities in the coastal stretch, if applicable and the conditions strictly adhered to.	Permission under CRZ notification is not necessary for the location of our Factory as per the notification since Haldia development area is categorized as CRZ-II. The distance prescribed for CRZ-II is 100m for HTL. A Certificate on this issue provided by Haldia Development Authority along with the endorsed drawing of site-location had already been submitted to your office earlier.
(ix)	A secured double lined landfill should be developed for disposal of solid waste by providing impervious liner and leachate collection system. The design of the landfill site should be submitted within 3 months for Ministry's consideration and approval.	All the hazardous & non-hazardous wastes are stored at our site in an integrated scrap yard in a segregated manner. Refer **Annexure – IV** for details. The hazardous waste is finally disposed of through CHW-TSDF at Haldia & CPCB approved parties from the Scrap yard complying with all the necessary legal requirements. A separate shed for used oil & waste oil had been constructed for storage of some to avoid environmental pollution. The number of hazardous wastes disposed to TSDF during this period is enclosed. **Refer Annexure – V**.

MCPI Private Limited

Ref. No. MOEF&CC/11/25/1417 **Date: 17.11.2025**

The IGF& In charge,
GOI, MoEF&CC, Integrated Regional Office, Kolkata
IB – 198, Sector-III, Salt Lake City,
Kolkata - 700106

Sub: Six monthly status reports on the Compliance of the Conditions of the Environment Clearance for new plant.

Ref: Environment Clearance No: J-11011/139/2006-IA II (I) Dated. June 19, 2006 & MOEF&CC EC Transfer: J-11011/139/2006-IA II (I) Dated: 19.01.2021

Dear Sir / Madam,

We are enclosing herewith the EC compliance status report for the period **April '2025 – September '2025** on the point wise compliance to the conditions as mentioned in Environmental clearance for your kind perusal. It may kindly be noted that all the Annexure mentioned in this letter as supplementary evidence/report are common & attached with the status report of Compliance of the Environment Clearance of Existing PTA plant.

The necessary 'Consent to Operate' under the Air & Water Act, Public Liability Insurance Policy, and authorization for hazardous waste etc. is being periodically renewed and updated. We sincerely hope that the above compliance status report is in line with the approval letter accorded by MoEF&CC for our new plant and will meet your requirements. We are ready to provide any further clarifications, if necessary.

Thanking You,

Sincerely yours,
For **MCPI Private Limited**

Gautam Pal
Vice President-Utility, HSE & Quality

Encl: as stated.
CC: Environmental Engineer-In-Charge, HRO, WBPCB
Sr. Env. Engineer (Planning), WBPCB
Sr. Env. Engineer, CPCB, Kolkata

HALF YEARLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE CONDITIONS

1. Name of the Project: **M/s MCPI Private Limited – Haldia (West Bengal)**
2. MOEF&CC EC Clearance: J-11011/139/2006-IA II (I) Dated:19.06.2006.
   &
   MOEF&CC EC Transfer: J-11011/139/2006-IA II (I) Dated: 19.01.2021.
3. **Period of Compliance Report: From 01.04.2025 to 30.09.2025**

Sl. No	Specific conditions	Compliance Status
(i)	The gaseous emissions (SO_2, NOX, HC & VOCs) from the various process units shall conform to the standards prescribed under Environment (Protection) Rules, 1986 or norms stipulated by the SPCB whichever is more stringent. At no time, the emissions level shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the units, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.	It is complied.
(ii)	Requisite numbers of ambient air quality monitoring stations, [SPM, SO_2, NO_x, &HC] shall be set up in the Petrochemical complex in consultation with SPCB, based on occurrence of maximum ground level concentration and down-wind direction of wind i.e maximum impact zone. The monitoring network must be decided based on modeling exercise to represent short-term GLCs. Continuous on-line stack monitoring equipment shall be installed for measurement of SO_2 and NO_x. Data on VOCs shall be monitored and submitted to the SPCB / Ministry.	Emissions are monitored from various units and within the permissible limit. Stack monitoring is being done by an approved third party. The result of stack emission is attached herewith. **Refer Annexure – I** The Ambient Air Quality monitoring started in April'**25** and continued up to Sept'**25** at six different locations (Five outside the factory & One inside the factory). Results enclosed in **Annexure- IIa.** An online Continuous ambient air quality monitoring station was commissioned in the month of April'2012. Result of **June'25 to Sept'25** is enclosed in **Annexure – IIb** Online stack monitoring data is transferring to WBPCB & CPCB server. Online effluent monitoring data is transferring to CPCB /WBPCB server.

Sl. No	Specific conditions	Compliance Status
(iii)	The company shall take measures for control of fugitive emissions for storage of Para –Xylene. Measures shall be taken for provision of double mechanical seals to all the pumps handling high vapors pressure materials, sensors for detecting HC/ toxic gas leakages at strategic locations, regular inspection of fixed roof tanks, maintenance of valves and other equipments.	Work environment monitoring is being done by the on-line static gas detectors, which are installed at various strategic locations inside the process plant & Tank farm area. These are being continuously monitored from DCS, which are provided with audio-visual signal & alarm. Work zone air quality monitoring was done in the month of **January'25** or SPM, RPM, organic and inorganic vapors throughout the plant by third party. The result is enclosed in **Annexure – IIc**.
(iv)	All new standards/norms that are being proposed by the CPCB for petrochemical plants shall be applicable for the proposed PTA plant. The company shall conform to the proposed vent standards for organic chemicals including non-VOCs and all possible VOCs i.e. TOCs standard and process vent standards for top priority chemicals. The company shall install online monitors for VOC measurements. The project authorities shall take necessary measures to comply with the above proposed emission norms including monitoring facilities and intimate the same to this Ministry.	The new standards are being followed. The process of vents is being monitored regularly. Online VOC monitors have been installed at various strategic locations.
(v)	M/s MCPI shall adopt Leak Detection and Repair (LDAR) program for quantification and control of fugitive emissions.	LDAR monitoring was done in our new plant. LDAR report is enclosed as **Annexure-IId**.
(vi)	To mitigate NOx emissions, the company shall install low NOx burners for hot oil heaters. Adequate stack height for discharge of flue gas emissions from the hot oil heater, the DG set and incinerator shall be provided as per the CPCB guidelines.	Low NOx burners are already provided for HOH. Adequate stack heights for HOH, DEG & Incinerator made as per CPCB guidelines.
(vii)	The company shall undertake measures for control of emissions by installation of scrubbers with adequate height as per the CPCB guidelines. All vents from the scrubber units shall be connected to off gas combustion system for complete incineration of off gases.	Scrubbers are installed at various stages of the process & the vents from the scrubbers are connected to off-gas unit for complete destruction.

Sl.No	Specific conditions	Compliance Status
(viii)	As reflected in the EIA/EMP reports, the effluent generation shall not exceed 20832 m3/d (8100 m3/d of process effluent, 6615 m3/d from DM plant, and 120 m3/d of domestic effluent and 600 m3/d from other sources). The treated effluent after primary and secondary treatment shall comply with the standards stipulated by WBPCB/ Central Pollution Control Board. The treated effluent shall be discharged into the river Hooghly after conforming the prescribed standards.	The treated effluent is discharged to river Hoogly only after meeting the prescribed standards. A separate effluent treatment plant has been constructed, and the treated water of both the plants is being discharged through a common outlet. Monitoring data is attached herewith. **(Refer Annexure – III)**
(ix)	The company shall install incinerator for incineration of ETP and process sludge. The incinerator shall meet CPCB specifications.	The new incinerator was installed based on CPCB specifications & norms. At present Incinerator was stopped on temporary basis. Process and utility Sludge (ETP) send to OCL India Ltd (Cement Unit) for Co-processing and WBWML (authorized TSDF) for safe disposal.
(x)	Green belt shall be provided to mitigate the effects of fugitive emissions all around the plant in an area of 10 ha in consultation with DFO as per CPCB guidelines.	Total plantations around the project have been completed & yearly maintenance of green belt is going on. Taken consultation from DFO – Enclosed copy of letter received from DFO as **Annexure -VIII** and as per recommendations we will further develop by plantation with local plants in existing green belt. Every Year we celebrate World Environment Day and distributing plants to local community and doing plantation inside our Factory Green Belt, some photographs are enclosed as **Annexure -VI**
(xi)	Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance is conducted for the existing plant as well as new plant.

Sl.No	General conditions	Compliance Status
(i)	The project authorities must strictly adhere to the stipulations made by the West Bengal State Pollution Control Board and the State Government.	Complied
(ii)	No further expansion or modernization in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	No expansion is done
(iii)	At no time, the emissions should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the respective units should be immediately put out of operation and should not be restarted until the desired efficiency has been achieved.	Yes, it is complied
(iv)	All the recommendations made in the EIA/EMP report and risk assessment reports should be implemented.	The recommendations of the EIA/ EMP report and risk assessment report have been completed.
(v)	The overall noise levels in and around the plant area should be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Noise levels are being monitored periodically in the work environment as well as the ambient noise levels. Test Reports are enclosed as **Annexure-VII**
(vi)	The project authorities must strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended in 2000 for handling of hazardous chemicals etc. Necessary approvals from Chief Controller of Explosives must be obtained before commission of the project.	All the relevant provisions of the Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended till date will be followed. Approval/ License from CCOE, Nagpur already taken for Storage for Petroleum products. (No. P/HQ/WB/15/854(P28267)

Sl.No	General conditions	Compliance Status
(vii)	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2008. Authorization from the State Pollution Control Board must be obtained for collections/treatment/storage/disposal of hazardous wastes.	All the relevant provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended till date followed and necessary approval/ amendment is being taken from WBPCB.
(viii)	The project authorities will provide adequate funds both recurring and nonrecurring to implement the conditions stipulated by the Ministry of environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purposes.	Adequate funds for recurring and non-recurring for the implementation of the Environment Management Plan (EMP) have already been allocated. Separate HSE expense budget prepared and approved. Last 3 years Environmental Expenditure details are also attached as **Annexure IX**
(ix)	The stipulated conditions will be monitored the Regional of this Ministry at ~~Bhubaneswar~~ Kolkata (new Regional office was established in Kolkata in the year 2020)/Central Pollution Control Board/State Pollution Control Board. A six-monthly compliance report and the monitored data shall be submitted to them regularly.	Six monthly compliance report and monitoring data submitted to new MoEF&CC, Regional Office located in Kolkata, periodically.
(x)	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://www.envfor.nic.in. This should 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 region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office.	Complied
(xi)	The Project Authorities should 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 commencing of the land development work.	Complied

Annexure - I

STACK EMISSION MONITORING & ANALYSIS DATA BASE

(April'25 to September'25)

Stack Physical Parameters

Existing Plant		
Stack connected to	Height from GL (m)	Internal dia at sampling point (m)
DEG	58	3.16
Hot oil Heater	69	1.9
Boiler/Incinerator	88	1.7
PX oxidation off gas (PX - Paraxylene)	21.85	2.2
Vent gas scrubber -I (Scrubbing of Process off) gas from	18.35	1.6
Vent gas scrubber -II (PTA Storage Scrubber)	15.15	2.1

Expansion Plant & CHH Plant		
Stack connected to	Height from GL (m)	Internal dia at sampling point (m)
Hot oil Heater	30	1.4
DEG & Incinerator	70	2.2
Off Gas Combustion Unit	30	
Coal Based Hot Oil Heater-A	52	2
Coal Based Hot Oil Heater-B	52	2
Coal Based Hot Oil Heater-C	52	2

Note:

1. Stack emissions are monitored wrt to PM ,CO, SO2, NO2. However as per the Air & Water Consent to operate only PM & CO are to be monitored. Hydrocarbon monitoring done on quarterly basis in Hot oil heater stacks.
2. As there is no PM, SO_2 & NO2 from Process emission (PX off gas, Vent gas scrubber- I & II, off gas combustion unit)
3. Incinerator emission is through Boiler stack ie Boiler & Incinerator stack is common in the existing plant.
4. Boiler not running during normal operation. It is operated only during start up & shut down of the Plant.
5. Stack sampling from Hot Oil Heater, DEG, Incinerator in the Existing & Expansion Plant are conducted by third party, whereas for vent gas scrubber I,II, PX Off Gas stack, off gas combustion emission sampling is conducted in-house.

ANALYSIS RESULTS

Month -April'25

		Existing Plant				Expansion Plant				
S No.	Parameter	Hot oil heater	Coal Based Hot Oil Heater-C		PX off gas Stack	Coal Based Hot Oil Heater-A	Coal Based Hot Oil Heater-B	Hot Oil Heater	DEG & Incinerator	Off Gas Combustion
1	PM (mg/Nm3)	34.39	20.08			20.22	16.65	58.47		-
2	CO (ppm)	51.00	89.00		0.10	76.00	97	66.00	Standby	-
3	SO_2 (mg/Nm3)	144.00	388.00			463.00	432	155.00		-
4	NO_2 (mg/NM³)	76.00	162.00			176.00	160	69.00		-

MCPI LIMITED

ANALYSIS RESULTS

Month - May'25

		Existing Plant						Expansion Plant		
S No.	Parameter	Hot oil heater	DEG	Incinerator	PX off gas Stack	Vent gas scrubber-I	Vent gas scrubber-II	Hot Oil Heater	DEG & Incinerator	Off Gas Combustion
S No.	Parameter	Hot oil heater	Coal Based Hot Oil Heater-C		PX off gas Stack	Coal Based Hot Oil Heater-A	Coal Based Hot Oil Heater-B	Hot Oil Heater	DEG & Incinerator	Off Gas Combustion
1	PM (mg/Nm3)	39.97	24.10			30.65	35.91	46.99		-
2	CO (ppm)	51.00	92.00		0.13	97.00	72.00	64.00		-
3	SO_2 (mg/Nm3)	150.00	375.00			432.00	431.00	144.00	Standby	-
4	NO_2 (mg/NM^3)	73.00	163.00			160.00	178.00	69.00		-

	May'25	Existing Plant			Expansion Plant	
S No.	Parameter	Hot oil heater	DEG	Incinerator	Hot Oil Heater	DEG & Incinerator
1	NMHC (ppm)	<1.0	stop**	stop	<1.0	stop

WBPCB SAMPLING:

		May'25				
		Existing Plant			Expansion Plant	
S No.	Parameter	Hot oil heater	DEG	Incinerator	Hot Oil Heater	DEG & Incinerator
1	PM (mg/Nm3)	19.00	stop**	stop	25.90	stop

ANALYSIS RESULTS

Month -June'25

		Existing Plant						Expansion Plant		
S No.	Parameter	Hot oil heater	DEG	Incinerator	PX off gas Stack	Vent gas scrubber-I	Vent gas scrubber-II	Hot Oil Heater	DEG & Incinerator	Off Gas Combustion
S No.	Parameter	Hot oil heater	Coal Based Hot Oil Heater-C		PX off gas Stack	Coal Based Hot Oil Heater-A	Coal Based Hot Oil Heater-B	Hot Oil Heater	DEG & Incinerator	Off Gas Combustion
1	PM (mg/Nm3)	23.30	35.20			43.40	29.7	30.60		-
2	CO (ppm)	55.00	85.00		0.10	78.00	91	72.00		-
3	SO_2 (mg/Nm3)	148.00	394.00			473.00	431	146.00	Standby	-
4	NO_2 (mg/NM^3)	81.00	158.00			176.00	167	72.00		-

ANALYSIS RESULTS

Month - July'25

		Existing Plant						Expansion Plant		
S No.	Parameter	Hot oil heater	Coal Based Hot Oil Heater-C		PX off gas Stack	Coal Based Hot Oil Heater-A	Coal Based Hot Oil Heater-B	Hot Oil Heater	DEG & Incinerator	Off Gas Combustion
1	PM (mg/Nm3)	44.30	22.10			30.40	23.4	38.00		-
2	CO (ppm)	71.10	95.80		0.10	77.10	86.3	68.50	Standby	-
3	SO_2 (mg/Nm3)	145.00	391.00			494.00	421	132.00		-
4	NO_2 (mg/NM^3)	77.40	172.00			154.00	167	75.20		-

ANALYSIS RESULTS

Month -August'25

		Existing Plant						Expansion Plant		
S No.	Parameter	Hot oil heater	Coal Based Hot Oil Heater-C		PX off gas Stack	Coal Based Hot Oil Heater-A	Coal Based Hot Oil Heater-B	Hot Oil Heater	DEG & Incinerator	Off Gas Combustion
1	PM (mg/Nm3)	31.16	26.0			32.74	29.12	33.47		-
2	CO (ppm)	72.40	94.7		0.13	77.40	84.4	69.70	Standby	-
3	SO_2 (mg/Nm3)	147.00	402.0			502.00	398	134.00		-
4	NO_2 (mg/NM^3)	74.40	164.0			157.00	165	74.70		-

August'25		Existing Plant			Expansion Plant	
S No.	Parameter	Hot oil heater	DEG	Incinerator	Hot Oil Heater	DEG & Incinerator
1	NMHC (ppm)	<2.5	stop**	stop	<2.5	stop

WBPCB SAMPLING: August'25

		Existing Plant			Expansion Plant	
S No.	Parameter	Hot oil heater	DEG	Incinerator	Hot Oil Heater	DEG & Incinerator
1	PM (mg/Nm3)	21.00	stop**	stop	SDM	stop

ANALYSIS RESULTS

Month -September'25

		Existing Plant						Expansion Plant		
S No.	Parameter	Hot oil heater	Coal Based Hot Oil Heater-C		PX off gas Stack	Coal Based Hot Oil Heater-A	Coal Based Hot Oil Heater-B	Hot Oil Heater	DEG & Incinerator	Off Gas Combustion
1	PM (mg/Nm3)	41.80	21.60			22.90	24.4	35.60		-
2	CO (ppm)	51.40	88.20		0.14	77.30	96.9	65.40	Standby	-
3	SO_2 (mg/Nm3)	146.00	384.00			469.00	430	154.00		-
4	NO_2 (mg/NM^3)	77.00	161.00			177.00	159	69.00		-

* Co- processing activity is on process with M/S Orisha Cement Ltd (Dalmia) as per CPCB approval
3rd party Laboratory Vendor's NABL / MOEFCC approval copies as Annexure-1a,
NA- Not Analyzed
** April'2015 onwards we are using Grid power & Bothe the In-house Incelnerators are in stop condition.

MCPI PRIVATE LIMITED

Annexure - 1a

National Accreditation Board for Testing and Calibration Laboratories

NABL

CERTIFICATE OF ACCREDITATION

MITRA S.K. PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

BUILDING NO. P-48,UDAYAN INDUSTRIAL ESTATE,3, PAGLADANGA ROAD, KOLKATA, WEST BENGAL, INDIA

in the field of

TESTING

Certificate Number:	TC-6950		
Issue Date:	18/09/2023	Valid Until:	17/09/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: MITRA S.K. PRIVATE LIMITED

Signed for and on behalf of NABL

N. Venkateswaran
Chief Executive Officer

MCPI INDIA PRIVATE LIMITED

National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

MITRA S.K. PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

BUILDING NO. P-48,UDAYAN INDUSTRIAL ESTATE,3, PAGLADANGA ROAD, KOLKATA, WEST BENGAL, INDIA

in the field of

TESTING

Certificate Number:	TC-6950		
Issue Date:	18/09/2023	Valid Until:	17/09/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: MITRA S.K. PRIVATE LIMITED

Signed for and on behalf of NABL

N. Venkateswaran
Chief Executive Officer

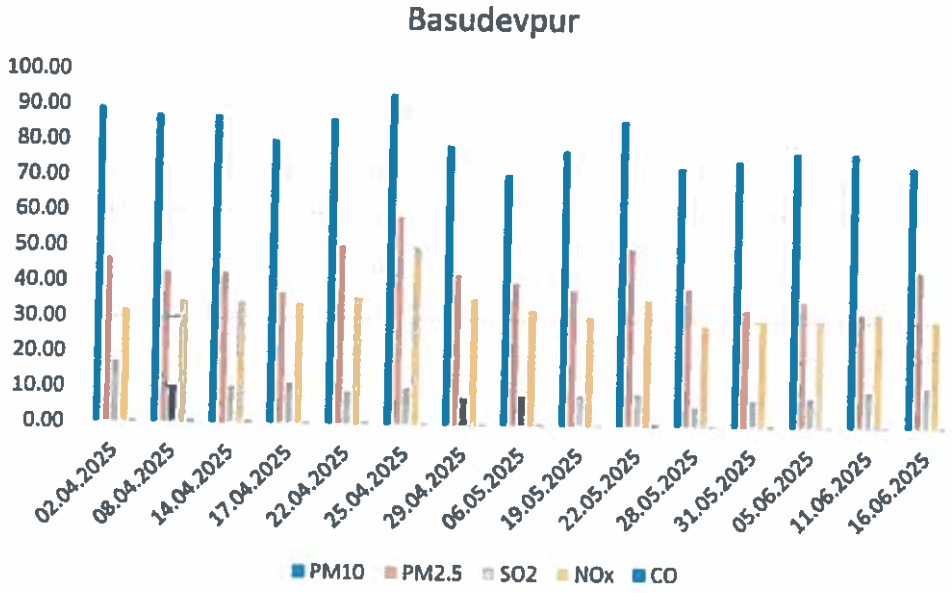
Annexure - IIa

SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: BASUDEVPUR

5 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO
02.04.2025	89.34	46.63	17.43	32.00	0.82
08.04.2025	87.21	42.77	10.53	34.44	1.10
14.04.2025	87.01	42.77	10.53	34.44	1.10
17.04.2025	80.31	37.20	11.62	34.03	0.65
22.04.2025	86.41	50.34	9.36	35.76	0.85
25.04.2025	93.60	59.02	10.63	50.44	0.75
29.04.2025	79.16	42.65	7.81	35.84	0.51
06.05.2025	71.24	40.41	8.35	32.70	0.61
19.05.2025	77.92	38.78	8.77	30.89	0.45
22.05.2025	86.41	50.34	9.36	35.76	0.85
28.05.2025	73.26	39.32	5.86	28.63	0.41
31.05.2025	75.33	33.23	7.81	30.04	0.67
05.06.2025	77.75	35.76	8.45	30.58	0.49
11.06.2025	77.82	32.61	10.42	32.56	0.49
16.06.2025	73.95	44.54	11.59	30.50	0.58



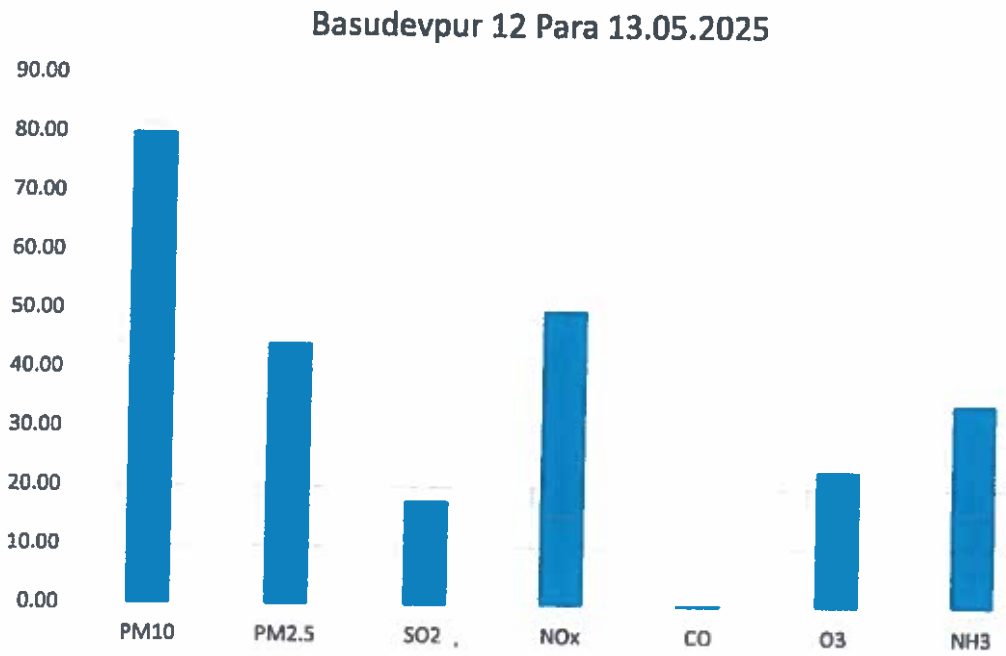
MCPI INDIA PRIVATE LIMITED

SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: BASUDEVPUR

12 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO	O3	NH3	Lead	Ni	As	Bz	BaP
13.05.2025	80.21	44.53	17.93	50.23	0.65	22.9	34.6	BDL	3.62	BDL	BDL	BDL



MCPI HALDIA PRIVATE LIMITED

SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: NEAR GIRISHMORE

5 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO
02.04.2025	71.36	43.87	29.04	10.15	0.85
10.04.2025	70.54	37.93	11.16	33.10	0.90
18.04.2025	78.94	46.46	10.42	32.25	0.78
23.04.2025	61.09	30.25	8.60	28.21	1.10
26.04.2025	78.69	51.17	11.38	42.41	0.92
29.04.2025	81.11	39.96	10.59	36.72	0.81
05-05-2025	66.21	34.89	9.20	28.51	0.60
08-05-2025	77.60	37.23	7.32	33.32	0.32
12-05-2025	75.43	32.70	7.56	31.17	0.32
20-05-2025	68.11	35.34	7.35	31.53	0.40
24-05-2025	62.81	31.00	6.81	25.27	0.35
27-05-2025	69.57	35.71	7.34	25.43	0.47
31-05-2025	77.56	35.29	7.91	31.28	0.55
03-06-2025	76.10	33.28	7.52	29.06	0.60
10-06-2025	73.46	32.33	10.16	29.63	0.51

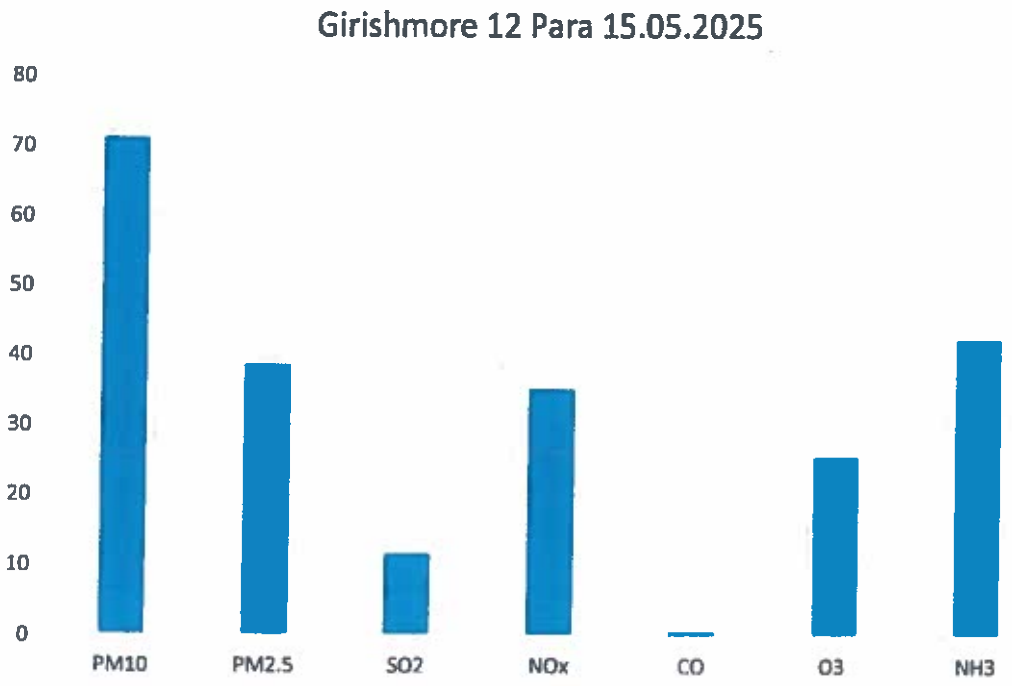
MCPL
HALDIA
PRIVATE LIMITED

SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: NEAR GIRISHMORE

12 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO	O3	NH3	Lead	Ni	As	Bz	BaP
15.05.2025	71.14	38.59	11.62	35.19	0.72	25.5	42.32	BDL	BDL	BDL	BDL	BDL



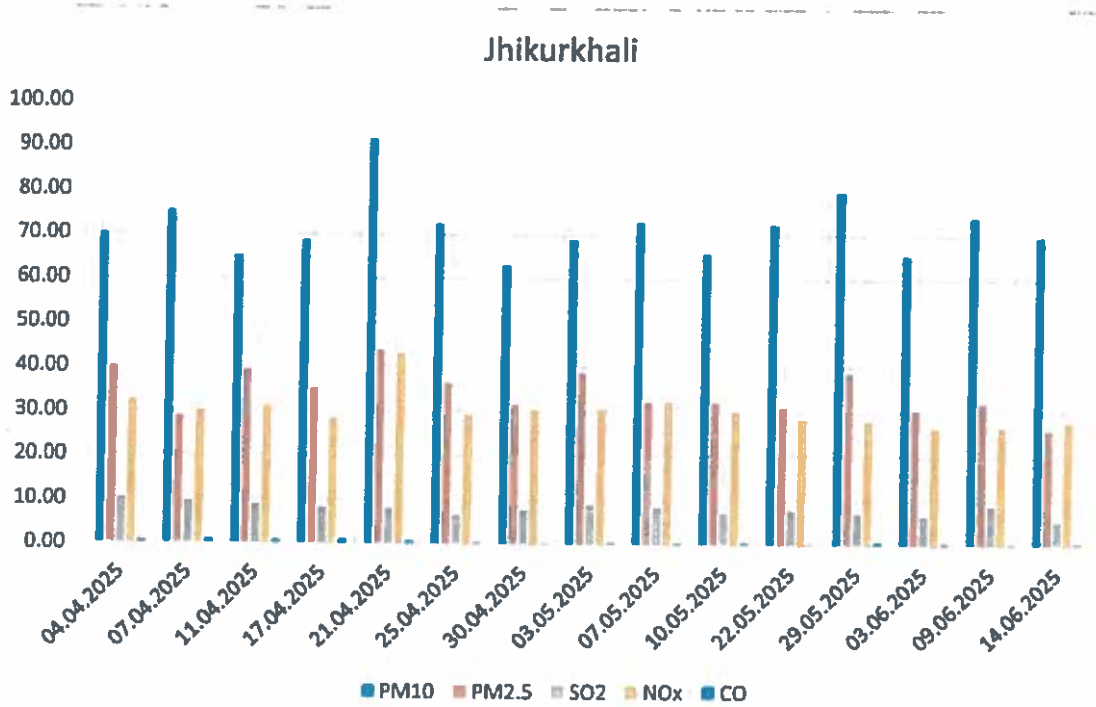
MCPI HALDIA PRIVATE LIMITED

SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: JHIKURKHALI

5 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO
04.04.2025	70.11	40.00	10.24	32.55	0.74
07.04.2025	75.14	28.87	9.57	30.06	0.95
11.04.2025	65.13	39.45	8.98	31.17	0.82
17.04.2025	68.66	35.15	8.25	28.51	1.10
21.04.2025	91.56	43.95	8.14	43.25	0.75
25.04.2025	72.44	36.54	6.53	29.34	0.49
30.04.2025	63.07	31.57	7.82	30.56	0.36
03.05.2025	68.87	38.96	9.10	30.77	0.47
07.05.2025	72.81	32.28	8.46	32.47	0.49
10.05.2025	65.73	32.35	7.30	30.07	0.56
22.05.2025	72.39	31.00	7.85	28.32	0.33
29.05.2025	79.66	38.99	7.16	28.15	0.70
03.06.2025	65.31	30.69	6.71	26.71	0.56
09.06.2025	74.06	32.21	8.97	26.71	0.39
14.06.2025	69.62	26.02	5.45	27.96	0.51

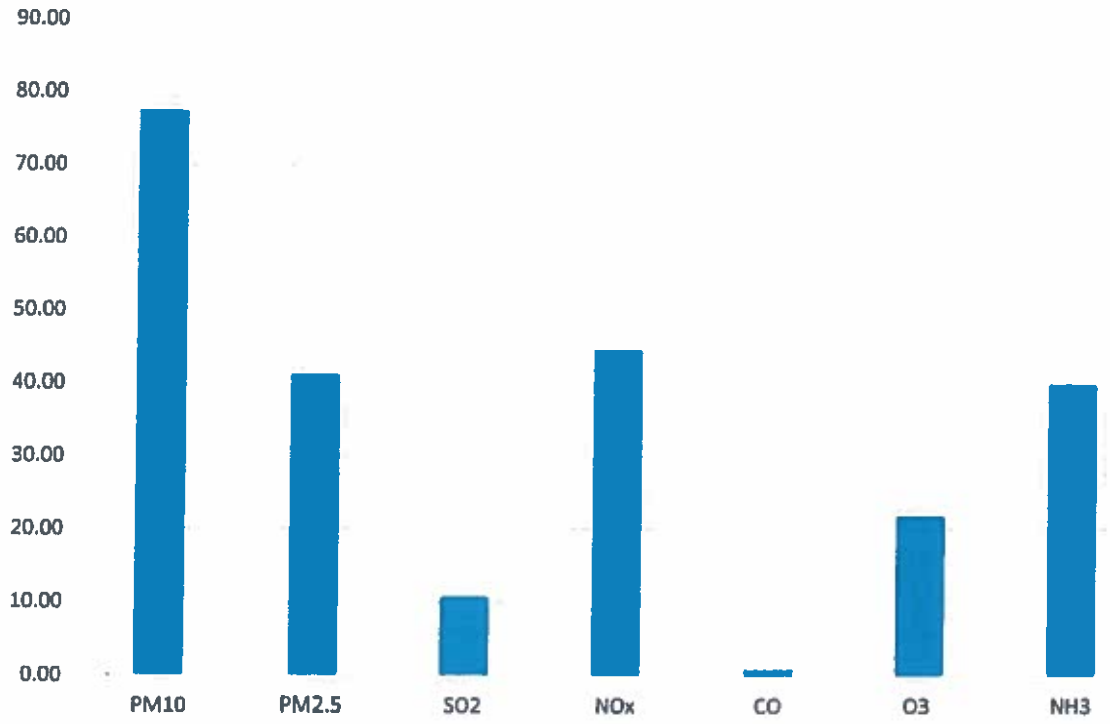


SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: JHIKURKHALI

12 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO	O3	NH3	Lead	Ni	As	Bz	BaP
17.05.2025	77.52	41.2	10.62	44.59	0.97	21.8	39.8	BDL	3.62	BDL	BDL	BDL



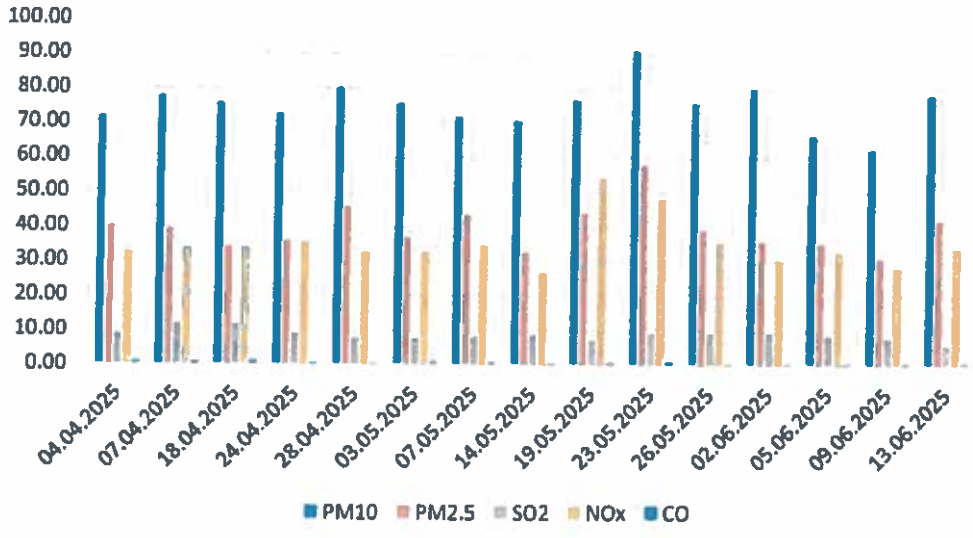
MCPI HALDIA PRIVATE LIMITED

SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: NEAR MAIN GATE, MCPI PVT. LTD.

5 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO
04.04.2025	71.68	40.14	8.88	32.68	0.95
07.04.2025	77.61	39.58	11.64	34.03	1.20
18.04.2025	75.60	34.34	11.69	34.03	1.30
24.04.2025	72.45	36.13	9.06	35.82	0.65
28.04.2025	79.93	45.85	7.81	32.71	0.54
03.05.2025	75.57	37.02	7.66	32.83	0.92
07.05.2025	71.64	43.60	8.15	34.58	0.80
14.05.2025	70.47	32.86	8.82	26.69	0.64
19.05.2025	76.50	44.23	7.19	54.44	0.80
23.05.2025	90.71	58.26	9.22	48.06	1.08
26.05.2025	75.57	39.56	9.17	35.66	0.65
02.06.2025	79.94	36.08	9.44	30.76	0.54
05.06.2025	66.35	35.68	8.55	33.04	0.52
09.06.2025	62.10	31.07	7.75	28.25	0.62
13.06.2025	77.81	42.11	5.70	33.83	0.61



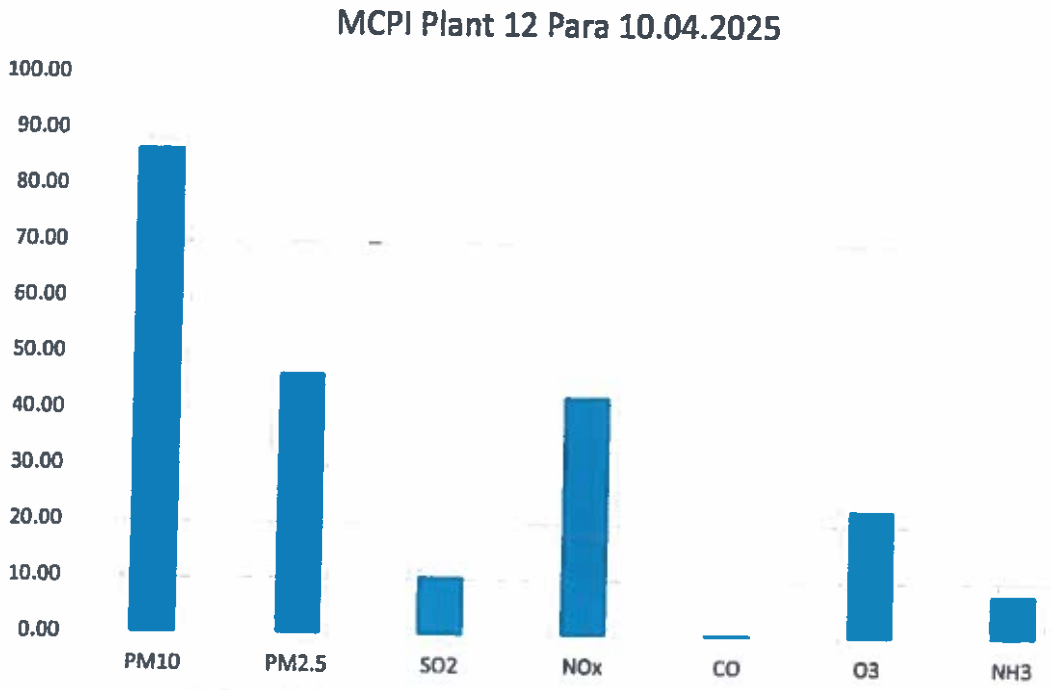
MCPI HALDIA ATE LIMITED

SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: NEAR MAIN GATE, MCPI PVT. LTD.

12 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO	O3	NH3	Lead	Ni	As	Bz	BaP
10.04.2025	86.60	46.56	10.55	42.61	0.73	22.56	7.91	BDL	BDL	BDL	BDL	BDL



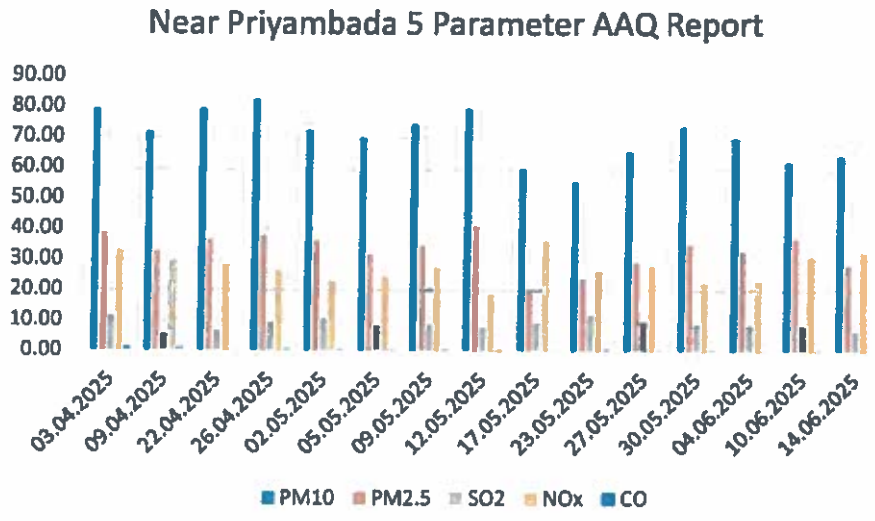
MCPI INDIA PRIVATE LIMITED

SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: NEAR PRIYAMBADA HOUSING

5 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO
03.04.2025	79.09	38.66	11.41	32.99	1.15
09.04.2025	71.80	32.77	5.27	29.82	0.90
22.04.2025	79.26	36.60	6.57	28.32	0.36
26.04.2025	82.32	37.80	9.24	26.40	0.62
02.05.2025	72.38	36.50	10.69	23.22	0.46
05.05.2025	69.70	31.77	8.15	24.69	0.51
09.05.2025	74.31	34.89	8.89	27.47	0.52
12.05.2025	79.41	40.94	7.81	19.02	0.65
17.05.2025	60.17	20.12	9.31	35.92	0.54
23.05.2025	55.83	23.83	11.76	26.40	0.75
27.05.2025	65.22	29.32	9.42	27.66	0.60
30.05.2025	73.49	35.31	8.83	22.60	0.51
04.06.2025	69.87	33.05	8.57	23.07	0.41
10.06.2025	62.37	37.02	8.06	31.32	0.49
14.06.2025	64.40	28.50	6.47	32.58	0.43



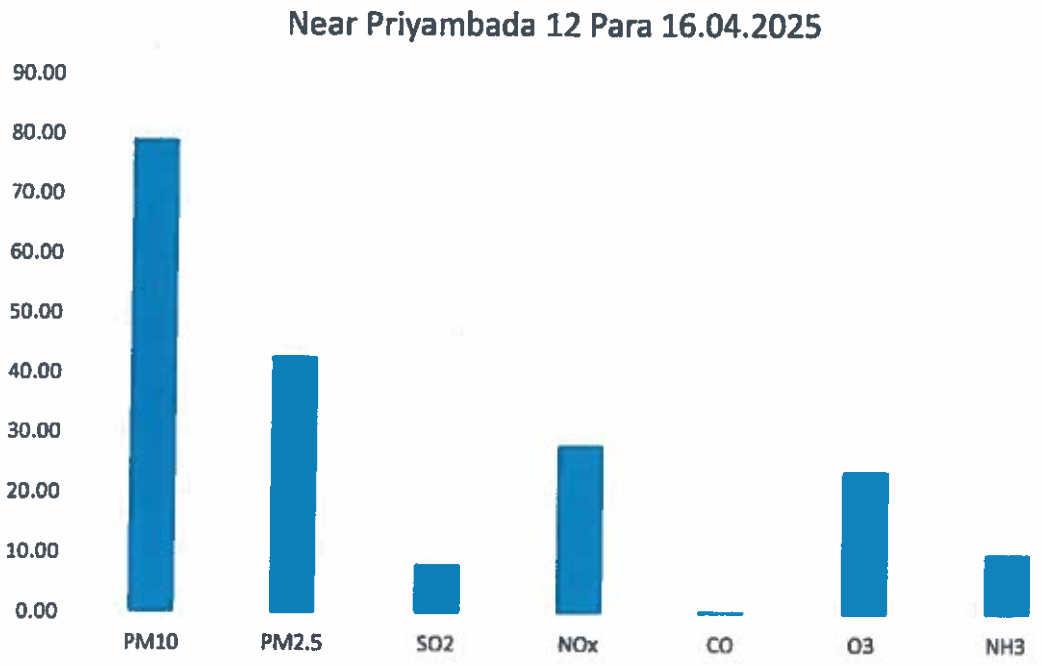
MCPI HALDIA PRIVATE LIMITED

SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: NEAR PRIYAMBADA HOUSING

12 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO	O3	NH3	Lead	Ni	As	Bz	BaP
16.04.2025	79.09	42.91	8.32	28.11	0.65	23.8	10.2	BDL	BDL	BDL	BDL	BDL



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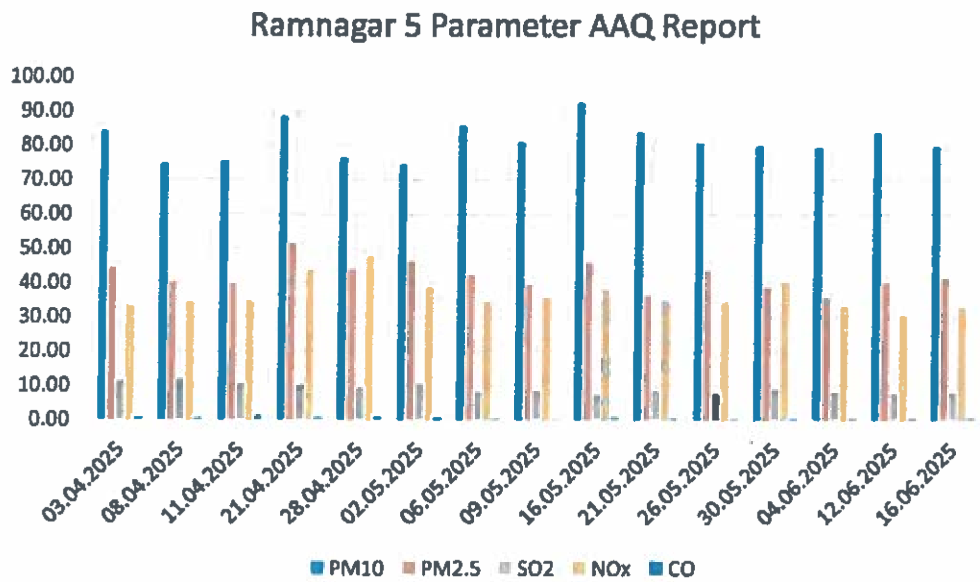
SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: RAMNAGAR

5 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO
03.04.2025	84.06	44.44	11.34	33.21	0.95
08.04.2025	74.62	39.85	11.72	34.18	0.85
11.04.2025	75.61	39.60	10.28	34.50	1.40
21.04.2025	88.29	51.57	10.22	43.66	0.92
28.04.2025	76.31	44.11	9.42	47.77	1.22
02.05.2025	74.38	46.34	10.36	38.88	1.03
06.05.2025	85.69	42.25	8.30	34.41	0.67
09.05.2025	80.99	39.54	8.71	35.69	0.67
16.05.2025	92.47	46.05	7.34	38.10	0.97
21.05.2025	83.81	36.67	8.59	34.83	0.75
26.05.2025	80.89	43.78	7.64	34.40	0.58
30.05.2025	79.92	38.96	9.25	40.29	0.63
04.06.2025	79.38	35.61	8.17	33.34	0.77
12.06.2025	83.73	40.00	7.76	30.70	0.78
16.06.2025	79.74	41.46	7.88	32.88	0.73



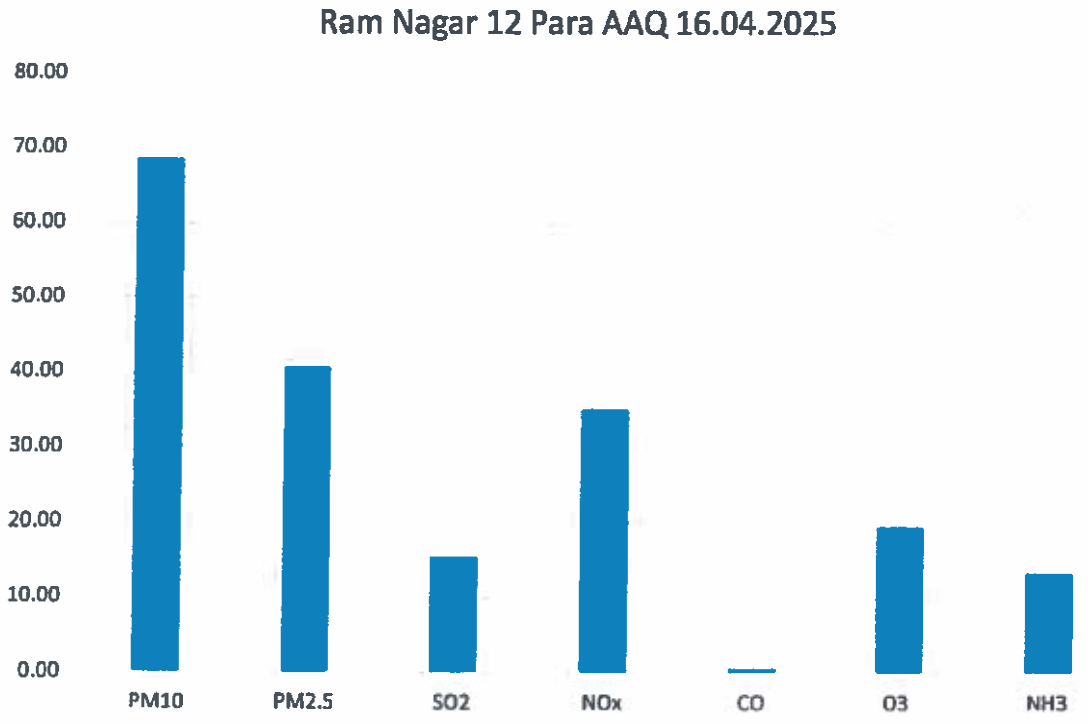
MCPI ... LIMITED

SUMMARY REPORT ON AMBIENT AIR QUALITY MEASUREMENTS

LOCATION: RAMNAGAR

12 PARAMETER TEST REPORTS

Date	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO	O3	NH3	Lead	Ni	As	Bz	BaP
16.04.2025	68.42	40.76	15.27	35.13	0.72	19.34	13.26	BDL	BDL	BDL	BDL	BDL



MCPI HALDIA LIMITED

Annexure – IIb

DATA REPORT FOR THE MONTH OF JUNE-2025
CAAQMS-MCPI
DATA TYPE- DALI AVERAGE

DATE	PARAMETER											
	PM10	PM25	SO2	CO	NO2	NH3	O3	Benzene	TEMP	RH	WS	WD
Unit	ug/m3	ug/m3	ug/m3	mg/m3	ug/m3	ug/m3	ug/m3	ug/m3	degreC	%	m/s	degre
6/1/2025	52.79	9.5	11.62	0.68	18.76	65.8	10.8	1.69	30.91	97.18	0.79	187.57
6/2/2025	76.48	12.1	14.66	0.88	25.74	50.5	10.9	2.45	31.09	97.18	1.52	215.37
6/3/2025	47.48	10.3	13.18	1.72	18.36	78.2	11.0	1.34	27.99	97.20	0.53	43.45
6/4/2025	42.38	10.0	14.28	1.22	16.36	94.5	11.9	0.96	28.50	97.20	0.07	43.72
6/5/2025	43.71	8.1	7.16	2.01	16.39	103.9	11.7	0.96	29.48	97.20	0.06	191.47
6/6/2025	55.01	9.5	14.76	0.00	23.90	56.5	12.3	1.68	26.29	97.23	0.89	36.37
6/7/2025	52.86	13.6	13.88	1.19	23.86	72.2	11.1	1.00	30.37	97.19	0.10	221.33
6/8/2025	59.46	12.6	13.10	0.77	16.01	64.6	10.4	1.81	30.48	97.19	1.01	180.67
6/9/2025	63.74	17.8	12.66	1.33	12.58	86.6	11.7	1.19	30.36	97.20	0.28	173.17
6/10/2025	43.07	12.8	11.80	1.93	22.70	81.6	10.5	1.10	30.41	96.36	0.21	169.72
6/11/2025	26.67	6.7	12.75	6.43	15.21	85.1	10.2	1.30	28.95	97.20	0.43	181.91
6/12/2025	37.46	8.2	11.19	0.00	14.65	76.1	11.1	1.27	29.59	97.20	0.40	177.84
6/13/2025	35.63	6.9	12.28	0.61	18.84	70.7	10.2	1.73	30.53	97.18	0.89	186.24
6/14/2025	36.97	13.3	13.55	0.68	14.07	67.6	11.0	1.87	30.37	97.18	0.97	191.96
6/15/2025	30.41	7.8	14.37	5.74	15.39	85.9	11.7	1.08	28.97	97.20	0.12	142.73
6/16/2025	42.78	8.9	10.59	0.00	18.71	111.2	11.7	0.96	27.48	97.20	0.06	268.93
6/17/2025	22.61	9.4	15.58	1.14	49.31	50.8	11.5	2.83	27.59	97.23	2.10	232.09
6/18/2025	47.85	12.3	26.18	0.53	35.92	39.3	11.5	4.47	28.64	95.84	3.89	224.43
6/19/2025	45.29	15.0	25.58	0.00	41.55	46.3	9.8	2.62	29.45	87.49	1.89	224.14
6/20/2025	57.00	13.0	14.19	0.78	30.97	78.5	10.7	2.41	29.39	97.20	1.77	230.98
6/21/2025	54.06	18.1	12.46	1.07	14.78	106.0	10.4	0.99	29.82	97.20	0.09	175.22
6/22/2025	31.92	9.3	10.67	0.89	22.59	103.7	10.2	1.19	29.04	97.20	0.32	175.91
6/23/2025	23.53	9.5	12.29	3.85	15.39	99.6	9.7	1.08	29.06	97.20	0.17	168.71
6/24/2025	37.08	7.2	11.48	1.50	23.67	83.9	12.1	1.27	29.26	97.20	0.43	166.24
6/25/2025	18.51	6.7	13.33	8.90	18.72	96.0	11.4	1.45	29.37	97.20	0.32	52.37
6/26/2025	33.17	7.8	10.95	0.00	23.10	58.0	12.1	2.40	29.08	97.20	1.62	228.73
6/27/2025	44.19	8.6	11.50	0.78	26.82	60.6	11.6	2.60	28.12	97.20	1.92	227.12
6/28/2025	32.62	6.7	11.05	0.86	21.71	84.1	11.5	2.51	26.71	97.22	1.85	235.29
6/29/2025	48.44	10.0	11.33	0.95	18.80	104.0	11.2	0.96	27.24	97.20	0.06	233.30
6/30/2025	39.27	12.1	11.18	0.64	10.75	69.5	11.5	1.67	28.32	97.20	0.87	182.85
AVGERAGE	42.75	10.46	13.32	1.57	21.52	77.71	11.11	1.69	29.10	96.80	0.85	178.99
MIN	18.51	6.70	7.16	0.00	10.75	39.30	9.70	0.96	26.29	87.49	0.06	36.37
MAX	76.48	18.10	26.18	8.90	49.31	111.20	12.30	4.47	31.09	97.23	3.89	268.93

MCPI HARDIA PRIVATE LIMITED

DATA REPORT FOR THE MONTH OF JULY-2025

CAAQMS-MCPI

DATA TYPE- DALY AVERAGE

DATE	PARAMETER											
	PM10	PM25	SO2	CO	NO2	NH3	O3	Benzene	TEMP	RH	WS	WD
Unit	ug/m3	ug/m3	ug/m3	mg/m3	ug/m3	ug/m3	ug/m3	ug/m3	degreC	%	m/s	degre
7/1/2025	36.82	12.7	12.70	0.62	26.50	70.1	11.5	1.20	28.61	97.20	0.35	167.32
7/2/2025	26.45	9.7	12.02	0.40	16.19	82.3	11.6	0.96	28.51	97.20	0.06	166.69
7/3/2025	36.84	10.2	12.95	2.01	28.76	65.1	11.2	2.01	28.58	97.22	1.21	222.25
7/4/2025	34.91	8.3	17.27	0.55	41.91	48.4	11.6	2.40	27.99	97.23	1.63	221.42
7/5/2025	41.69	9.8	24.02	0.73	25.69	24.4	11.8	2.77	27.79	97.22	2.19	237.85
7/6/2025	36.33	9.4	15.21	5.01	27.83	76.3	12.2	1.53	27.53	97.23	0.69	174.25
7/7/2025	32.76	11.5	15.32	0.00	50.58	31.0	9.9	3.06	27.01	97.23	2.48	233.34
7/8/2025	39.17	11.9	17.21	1.19	27.94	34.8	10.6	3.60	28.12	97.20	2.94	228.41
7/9/2025	24.93	9.4	14.78	0.57	18.18	48.5	9.8	1.30	27.78	97.20	0.45	187.00
7/10/2025	46.83	12.9	12.92	1.12	13.61	55.6	10.2	1.17	28.45	97.20	0.30	189.28
7/11/2025	41.04	8.1	10.57	0.76	14.25	51.1	9.0	1.67	28.97	97.20	0.87	186.18
7/12/2025	49.20	9.6	12.38	4.34	15.47	66.3	11.2	1.01	29.41	97.20	0.06	138.24
7/13/2025	40.54	6.4	13.11	0.00	14.13	72.3	11.4	0.97	27.85	97.20	0.07	42.20
7/14/2025	34.67	8.2	10.99	1.02	18.89	35.4	11.5	2.67	28.37	97.20	1.86	206.92
7/15/2025	39.61	7.9	10.28	0.80	16.59	35.9	9.9	2.63	29.12	97.20	1.93	175.03
7/16/2025	32.08	8.7	12.07	0.47	12.10	39.6	11.2	2.11	28.88	97.20	1.32	180.11
7/17/2025	40.47	7.5	11.16	0.71	13.34	45.9	10.4	1.78	29.36	97.20	0.98	177.73
7/18/2025	40.69	8.7	11.45	0.76	13.99	54.5	11.5	1.18	29.13	97.20	0.31	177.81
7/19/2025	35.23	11.2	13.59	0.78	11.22	46.0	11.5	1.29	29.66	97.20	0.39	200.09
7/20/2025	35.89	8.9	11.58	0.59	9.90	60.1	11.5	0.97	29.88	97.20	0.06	184.25
7/21/2025	29.85	6.7	9.98	0.78	13.72	58.5	11.5	1.02	29.86	97.20	0.10	178.02
7/22/2025	19.66	8.9	12.93	0.59	15.85	53.6	11.5	0.97	30.08	94.03	0.08	183.78
7/23/2025	31.23	8.8	15.89	0.87	22.13	53.6	11.4	0.95	30.47	95.21	0.05	243.44
7/24/2025	51.61	12.6	15.03	2.73	27.85	48.0	11.8	1.10	27.37	97.23	0.20	269.02
7/25/2025	30.89	15.9	24.69	0.00	25.10	19.5	11.8	3.30	29.72	97.20	2.46	217.03
7/26/2025	36.91	9.1	15.49	0.00	29.24	27.0	11.3	1.24	28.33	97.20	0.38	237.00
7/27/2025	46.21	10.9	18.62	0.44	31.24	29.7	12.0	2.24	29.98	97.20	1.46	221.96
7/28/2025	28.86	9.9	17.02	0.57	14.02	44.9	11.7	1.80	27.55	97.22	1.01	179.81
7/29/2025	26.93	7.8	16.85	0.41	26.94	30.6	11.7	2.46	28.19	97.20	1.65	213.77
7/30/2025	31.94	10.4	20.25	0.49	16.98	41.5	11.8	2.39	27.85	97.21	1.65	227.13
7/31/2025	41.55	10.7	14.01	0.62	16.76	38.9	11.7	1.49	29.17	97.20	0.65	212.31
AVGERAGE	36.19	9.76	14.59	0.97	21.19	48.05	11.22	1.78	28.70	97.04	0.96	196.12
MIN	19.66	6.40	9.98	0.00	9.90	19.50	9.00	0.95	27.01	94.03	0.05	42.20
MAX	51.61	15.90	24.69	5.01	50.58	82.30	12.20	3.60	30.47	97.23	2.94	269.02

DATA REPORT FOR THE MONTH OF AUGUST-2025

CAAQMS-MCPI

DATA TYPE- DALY AVERAGE

DATE	PARAMETER											
	PM10	PM25	SO2	CO	NO2	NH3	O3	Benzene	TEMP	RH	WS	WD
Unit	ug/m3	ug/m3	ug/m3	mg/m3	ug/m3	ug/m3	ug/m3	ug/m3	degreC	%	m/s	degre
8/1/2025	58.85	8.3	13.13	0.53	28.44	38.8	12.3	2.54	28.72	97.20	1.69	193.21
8/2/2025	42.52	9.8	13.60	0.43	21.56	27.9	12.3	2.33	29.68	97.20	1.48	189.33
8/3/2025	48.87	10.1	27.25	0.38	18.88	23.7	12.3	3.06	29.68	97.20	2.20	206.29
8/4/2025	45.84	8.8	20.80	0.60	14.21	34.0	11.9	2.13	29.52	97.20	1.23	191.47
8/5/2025	46.83	10.3	18.79	0.51	16.70	40.2	11.9	1.66	29.90	97.20	0.76	189.06
8/6/2025	73.59	8.7	18.33	0.61	15.74	58.4	12.2	0.94	27.35	97.23	0.04	227.34
8/7/2025	33.59	7.1	12.30	0.49	14.24	50.7	12.4	0.93	26.20	97.23	0.03	242.95
8/8/2025	25.88	7.3	13.06	0.57	18.14	35.6	12.2	1.71	28.80	97.20	0.84	215.01
8/9/2025	30.85	7.6	17.78	0.41	13.01	39.9	11.9	1.58	28.92	97.20	0.72	219.56
8/10/2025	27.72	6.7	16.17	0.33	13.74	33.6	11.8	1.61	29.39	97.20	0.73	185.63
8/11/2025	27.20	8.7	12.94	0.17	11.00	42.6	11.7	1.07	29.58	97.20	0.18	178.47
8/12/2025	32.49	8.2	13.71	1.24	12.56	39.8	12.1	1.14	29.46	97.20	0.27	188.49
8/13/2025	15.63	5.8	12.27	2.76	13.81	47.3	11.9	1.24	29.07	97.20	0.25	33.51
8/14/2025	25.29	10.2	14.28	2.07	20.61	40.6	12.3	1.34	28.99	97.20	0.40	28.78
8/15/2025	18.76	7.1	12.46	1.26	22.11	41.0	11.9	1.10	28.74	97.21	0.21	175.27
8/16/2025	22.96	9.1	12.69	0.08	20.54	41.8	11.3	1.06	28.99	97.20	0.18	179.95
8/17/2025	22.89	7.1	15.46	1.72	34.91	26.2	10.4	2.38	28.50	97.22	1.68	30.75
8/18/2025	18.55	7.4	11.05	0.87	15.39	41.1	12.3	1.08	28.56	97.22	0.11	151.59
8/19/2025	16.97	7.3	12.58	0.00	17.26	34.3	11.1	1.25	28.43	97.21	0.34	182.69
8/20/2025	16.90	6.2	11.13	0.00	12.97	38.8	12.5	1.87	26.92	97.23	0.96	204.95
8/21/2025	30.72	8.0	31.07	0.00	37.65	16.7	11.9	1.57	27.07	97.23	0.73	232.27
8/22/2025	29.34	7.0	36.51	0.00	29.83	28.8	8.6	1.86	26.64	97.23	1.07	235.50
8/23/2025	46.40	13.4	25.30	0.00	16.83	27.5	11.2	1.78	28.98	97.20	0.90	191.61
8/24/2025	36.05	9.1	20.93	0.28	40.35	33.6	11.6	1.01	27.58	97.22	0.10	211.57
8/25/2025	18.33	7.3	14.16	1.81	10.55	40.0	12.5	1.00	27.94	97.21	0.09	173.67
8/26/2025	22.12	11.9	26.43	2.29	12.61	32.2	11.9	1.20	28.30	97.20	0.35	31.53
8/27/2025	32.89	6.7	28.32	0.00	17.10	30.3	12.1	1.00	28.36	97.22	0.08	176.77
8/28/2025	30.78	6.1	13.52	0.00	12.21	31.3	12.9	1.10	28.45	97.20	0.19	171.75
8/29/2025	23.89	9.4	10.11	0.80	6.68	44.4	11.8	0.95	28.09	97.22	0.05	186.68
8/30/2025	25.19	7.1	11.28	0.92	13.12	49.6	11.6	0.99	27.99	97.22	0.08	182.35
8/31/2025	34.41	6.2	14.23	0.61	14.53	41.8	10.6	0.97	29.08	97.20	0.07	184.81
AVGERAGE	31.69	8.19	17.15	0.70	18.30	37.18	11.79	1.47	28.51	97.21	0.58	173.96
MIN	15.63	5.80	10.11	0.00	6.68	16.70	8.60	0.93	26.20	97.20	0.03	28.78
MAX	73.59	13.40	36.51	2.76	40.35	58.40	12.90	3.06	29.90	97.23	2.20	242.95

DATA REPORT FOR THE MONTH OF SEPTEMBER-2025
CAAQMS-MCPI
DATA TYPE- DALY AVERAGE

DATE	PARAMETER											
	PM10	PM25	SO2	CO	NO2	NH3	O3	Benzene	TEMP	RH	WS	WD
Unit	ug/m3	ug/m3	ug/m3	mg/m3	ug/m3	ug/m3	ug/m3	ug/m3	degreC	%	m/s	degre
9/1/2025	57.45	19.2	10.49	0.00	19.75	28.0	12.8	1.40	25.27	97.23	0.46	28.60
9/2/2025	20.94	7.4	4.69	1.46	16.66	37.6	12.1	1.05	27.92	97.23	0.19	38.70
9/3/2025	15.75	6.5	13.92	0.12	14.80	41.0	10.6	1.00	28.22	97.20	0.09	169.95
9/4/2025	27.21	9.0	12.55	2.77	12.35	35.3	11.5	0.99	28.34	97.20	0.08	170.55
9/5/2025	50.55	9.5	10.44	0.45	9.94	32.6	11.3	0.97	28.67	97.20	0.07	197.18
9/6/2025	47.13	10.7	11.71	0.31	10.73	25.8	10.4	1.01	29.01	97.20	0.10	167.54
9/7/2025	47.64	8.4	14.11	0.79	10.44	27.6	11.3	0.99	29.15	97.20	0.09	179.91
9/8/2025	49.77	8.7	20.04	1.32	13.92	27.7	11.6	0.99	29.40	97.20	0.10	212.15
9/9/2025	39.75	9.5	13.55	1.46	8.71	26.4	12.7	1.06	29.64	97.20	0.16	186.50
9/10/2025	41.32	9.1	13.12	1.18	13.56	29.1	12.3	0.97	29.70	97.20	0.07	183.63
9/11/2025	45.41	10.0	8.52	1.08	11.51	34.4	12.0	0.98	29.68	97.20	0.08	158.41
9/12/2025	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
9/13/2025	20.21	7.4	12.10	1.60	12.45	31.2	11.8	1.01	29.05	97.20	0.12	184.35
9/14/2025	19.37	7.5	10.77	1.22	7.48	33.7	11.9	1.09	28.03	97.23	0.20	187.76
9/15/2025	31.58	8.4	34.94	0.95	20.03	15.1	12.8	1.08	26.87	97.23	0.19	219.26
9/16/2025	28.56	7.4	12.58	0.71	13.55	18.9	12.7	1.21	27.62	97.22	0.32	181.00
9/17/2025	37.72	7.3	19.54	1.15	13.04	17.4	12.7	1.33	29.15	97.20	0.45	209.30
9/18/2025	52.50	13.2	20.27	1.13	15.90	22.0	12.5	1.22	29.48	97.20	0.33	202.12
9/19/2025	45.40	16.9	14.65	1.01	17.89	21.8	12.2	1.12	29.60	97.20	0.22	178.52
9/20/2025	45.67	8.4	13.13	1.09	17.78	34.7	11.6	0.95	27.11	97.23	0.06	242.13
9/21/2025	52.34	13.3	17.24	1.88	14.63	30.1	13.1	0.97	27.46	97.23	0.08	247.96
9/22/2025	28.61	7.2	11.78	0.91	17.07	22.9	10.4	0.97	26.35	97.23	0.07	214.61
9/23/2025	26.22	8.1	10.41	2.64	25.92	20.6	10.5	1.01	28.09	97.22	0.08	41.48
9/24/2025	37.68	8.6	11.29	2.93	11.06	33.2	12.2	0.98	28.68	97.20	0.02	311.21
9/25/2025	36.09	10.8	13.27	0.68	10.93	43.0	11.0	0.94	28.44	97.20	0.02	20.30
9/26/2025	29.85	8.4	12.19	0.68	15.59	32.3	11.1	1.14	28.92	97.20	0.16	173.96
9/27/2025	26.71	7.3	11.84	0.27	14.78	23.8	11.6	1.02	29.16	97.20	0.14	167.44
9/28/2025	23.21	7.9	12.02	0.51	17.10	28.6	12.3	0.99	28.84	97.20	0.09	166.24
9/29/2025	26.04	7.6	25.47	0.29	22.72	28.2	11.7	0.97	29.18	97.20	0.07	254.85
9/30/2025	48.35	13.4	17.48	0.40	23.76	17.7	13.0	0.94	29.95	97.20	0.04	243.73
AVGERAGE	36.52	9.56	14.28	1.07	14.97	28.30	11.85	1.05	28.52	97.21	0.14	177.22
MIN	15.75	6.50	4.69	0.00	7.48	15.10	10.40	0.94	25.27	97.20	0.02	20.30
MAX	57.45	19.20	34.94	2.93	25.92	43.00	13.10	1.40	29.95	97.23	0.46	311.21

Annexure-IIc

WORK ZONE MONITORING REPORT OF DP PLANT

No.	Department / Area	Locations/ Activty	Date of sampling	Parameters	No. of samples	Results in (mg/m^3)	TWA in (mg/m^3)
1	DP Utility	Water Treatment plant	28.12.2024	Chlorine	3	0.82	3
				Sulphuric acid	3	ND	1
				Carbon Monoxide	3	0.2961	55
				Carbon Dioxide	3	10.41	No Limit
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
2		Waste Water Treatment plant, DP Plant	28.12.2024	Ammonia	3	6.07	18
				Carbon Monoxide	3	0.3172	55
				Carbon Dioxide	3	11.16	No Limit
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
3		Residue Pit	06.01.2025	Ammonia	3	5.59	18
				Carbon Monoxide	3	0.3012	55
				Carbon Dioxide	3	10.73	No Limit
				Hydrogen Sulphide	3	3.28	14
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
4	Process (CTA)	Main Reactor Bottom	07.01.2025	Methyl acetate	3	ND	No Limit
				Acetic Acid	3	2.35	25
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
				P'xylene	3	15.81	435
				Carbon Dioxide	3	10.54	No Limit
				Carbon Monoxide	3	0.2922	55
5		HBr Charging area(unloading)	06.01.2025	Carbon Monoxide	3	0.3001	55
				Carbon Dioxide	3	10.46	No Limit
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
6		Belt filter 13 mtr (During mtc.)	07.01.2025	Acetic Acid	3	ND	25
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
				Carbon Monoxide	3	0.2836	55
				Carbon Dioxide	3	10.59	No Limit
				p'Xylene	3	4.65	435
7	Process (CTA)	Main Reactor Top	08.01.2025	Methyl acetate	3	ND	No Limit
				Acetic Acid	3	1.96	25
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
				P'xylene	3	32.56	435
				Carbon Dioxide	3	11.16	No Limit
				Carbon Monoxide	3	0.2861	55

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WORK ZONE MONITORING REPORT OF DP PLANT							
No.	**Department / Area**	**Locations/ Activty**	**Date of sampling**	**Parameters**	**No. of samples**	**Results in(mg/m^3)**	**TWA in (mg/m^3)**
8	Process (PTA)	Recovery Section	08.01.2025	Acetic acid	3	1.23	25
				Carbon Monoxide	3	0.279	55
				Carbon Dioxide	3	10.32	No Limit
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
				P'Xylene	3	9.78	435
9		Tank Farm area near F-4904	10.01.2025	p'Xylene	3	ND	435
				Acetic Acid	3	ND	25
				Carbon Dioxide	3	10.31	No Limit
				Carbon Monoxide	3	0.28	55
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
10		Tank Farm area near F-4901	10.01.2025	p'Xylene	3	ND	435
				Acetic Acid	3	ND	25
				Carbon Dioxide	3	11.56	No Limit
				Carbon Monoxide	3	0.2876	55
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
11	DP Logistic	Packing area -1	31.12.2024	SPM	3	0.552	10
				RPM	3	0.0986	5
				Carbon Dioxide	3	10.48	No Limit
				Carbon Monoxide	3	0.2861	55
12		Packing area -2	02.01.2025	SPM	3	1.379	10
				RPM	3	0.631	5
				Carbon Dioxide	3	11.01	No Limit
				Carbon Monoxide	3	0.2972	55
13		Bulk Silo F-6955	31.12.2024	RPM	3	0.329	5
				Carbon Dioxide	3	10.85	No Limit
				Carbon Monoxide	3	0.2852	55
14		PWH 90 deg side	03.01.2025	RPM	3	0.265	5
				Carbon Monoxide	3	0.2899	55
				Carbon Dioxide	3	10.5	No Limit
15		PWH 180 deg side	04.01.2025	RPM	3	0.252	5
				Carbon Monoxide	3	0.2847	55
				Carbon Dioxide	3	10.36	No Limit

WORK ZONE MONITORING REPORT OF HP PLANT

No.	Department / Area	Locations/ Activty	Date of sampling	Parameters	No. of samples	Results in (mg/m^3)	TWA in (mg/m^3)
16	HP Utility	Waste Water Treatment plant	20.12.2024	Ammonia	3	0.91	18
				Carbon Dioxide	3	10.83	No Limit
				Carbon Monoxide	3	0.276	55
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
17		Water Treatment plant	20.12.2024	Chlorine	3	0.84	3
				Sulphuric acid	3	9.26	1
				Carbon Dioxide	3	0.2904	No Limit
				Carbon Monoxide	3	ND	55
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
18		Residue Pit Top	19.12.2024	Hydrogen Sulphide	3	0.41	14
				Ammonia	3	5.44	18
				Carbon Dioxide	3	9.58	No Limit
				Carbon Monoxide	3	0.2812	55
				VOC as Benzene	3	ND	20
				Hydrogen Sulphide	3	0.36	14
				VOC as Toluene	3	ND	375
19		Residue Pit Bottom	19.12.2024	Hydrogen Sulphide	3	0.28	14
				Ammonia	3	2.57	18
				Carbon Dioxide	3	9.45	No Limit
				Carbon Monoxide	3	0.2905	55
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
20	HP Proceass(CTA)	Main Reactor top	24.12.2024	Xylene (P-isomer)	3	62.83	435
				Acetic acid	3	3.25	25
				Carbon Dioxide	3	11.15	No Limit
				Carbon Monoxide	3	0.2804	55
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
				Methyl Acetate	3	ND	No Limit
21		Main Reactor bottom	23.12.2024	Xylene (P-isomer)	3	56.97	435
				Acetic acid	3	3.86	25
				Carbon Dioxide	3	11.13	No Limit
				Carbon Monoxide	3	0.2834	55
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
				Methyl Acetate	3	ND	No Limit
22		CTA Decenter 5 mtr	21.12.2024	Xylene (P-isomer)	3	51.53	435
				Acetic acid	3	2.25	25
				Carbon Dioxide	3	11.32	No Limit
				Carbon Monoxide	3	0.278	55
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
				Methyl Acetate	3	ND	No Limit

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23		CTA Decenter 13 mtr	23.12.2024	Xylene (P-isomer)	3	41.8	435
				Acetic acid	3	2.36	25
				Carbon Dioxide	3	10.86	No Limit
				Carbon Monoxide	3	0.2814	55
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
				Methyl Acetate	3	ND	No Limit
24		CTA Decenter 20 mtr	21.12.2024	Xylene (P-isomer)	3	56.61	435
				Acetic acid	3	2.57	25
				Carbon Dioxide	3	10.44	No Limit
				Carbon Monoxide	3	0.2745	55
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
				Methyl Acetate	3	ND	No Limit
25	HP Process (PTA)	Recovery Section	24.12.2024	Acetic Acid	3	2.16	25
				Carbon Dioxide	3	11.12	No Limit
				Carbon Monoxide	3	0.2931	55
				VOC as Benzene	3	ND	20
				VOC as Toluene	3	ND	375
				P'Xylene	3	39.39	435
26	HP Logistics	Packing area-1	26.12.2024	RPM	3	0.812	5
				SPM,	3	1.505	10
				CO2	3	11.18	No Limit
				CO	3	0.2875	55
27		Packing area-2	12.01.2024	RPM	3	0.569	5
				SPM,	3	1.414	10
				CO2	3	10.84	No Limit
				CO	3	0.2852	55

Annexure - IId.

LEAK DETECTION AND REPAIR PROGRAMME

Report on Leak Detection And Repair (LDAR)

SAMPLING LOCATION

MCPI Private Limited
Bhuniaraichak (Vill. & P.O.), Via: Sutahata (Haldia), Purba Medinipur, West Bengal-721 635, India

HP Plant -Sampling Duration (16-12-2024 to 31-12-2024)

CONDUCTED BY

M/s Bureau Veritas (India) Pvt. Ltd., Chennai

F2, Thiru Vi Ka Industrial Estate, Phase III, Ekkattuthangal, Guindy, Chennai - 600 032

CONTENTS

DECLARATION

This report has been prepared by Bureau Veritas India Private Limited on behalf of and for the use of the Customer with due consideration and skill as per our general terms and conditions of business and the terms of agreement with the customer.

MCPI INDIA PRIVATE LIMITED

Date: 2nd Feb 2024

Manager-Environment

Executive Summary

This report includes the detail of a study carried out to measure the total Hydrocarbons to the production plant through component emission.

The aim of study was to find out the emission component wise the TVOC concentration on annual basis. MCPI Private Limited engaged M/S. Bureau Veritas India Pvt.Ltd, Chennai, for carrying out the study.

The TVOC measurement was conducted as per EPA method 21 using PID analyzer. Total number of points measured 3000 point in Fifteen days (between 16.12.2024 to 31.12.2024). Total number of points measured are 3000 points for TVOC with concentration of 15.4145 kg/Year considering all the components with all units.

All points for TVOC, leakage was well within the limit of MoEF Guideline in the LDAR study.

MCPI HALDIA PRIVATE LIMITED

Date: 2nd Feb 2024

Manager-Environment

1. INTRODUCTION

MCPI Private Limited (MCPI), a member of The Chatterjee Group (TCG), is a front runner in the manufacture of Purified Terephthalic Acid (PTA) which is the basic raw material for the polyester industry. With its Headquarters in Kolkata and plant located on the picturesque western bank of the river Hooghly in the industrial hub at Haldia, West Bengal, MCPI has established itself as a leading manufacturer of PTA, ensuring a stable supply to the polyester industry in the country.

To meet the needs of our client, Bureau Veritas India Pvt. Ltd has developed leading edge expertise to run turnkey LDAR projects (Leak Detection and Repair) and report the gathered Fugitive Emission monitoring data.

2. SCOPE OF WORK

Fugitive emissions are the emissions to the atmosphere resulting from leaking pipeline sources and equipment such as valves, flanges, pump seals, connections, compressor seals, open lines and pressure relief valves. In general, these emissions are not visually observable, but can be measured in relatively low parts per million (ppm) concentrations at each source. Although the emission of one single source might seem small, a large number of these leaking sources might result into a significant emission. The acknowledgements in loss of raw materials, the danger of explosions and the environmental aspect have created awareness that industries should work on their monitoring programs.

3. About LDAR

Leak Detection and Repair (LDAR) is a programme implemented to comply with environmental regulations for reducing the fugitive emissions of targeted chemicals into the environment. Several standards such as Maximum Achievable Control Technology (MACT), New Source Performance Standards (NSPS), National Emissions Standards for Hazardous Air Pollutants (NESHAP) and Central Pollution Control Board (CPCB) require the monitoring and reporting of these fugitive emissions from process equipment.

The Leak Detection and Repair Program is intended for use by regulated entities, such as petroleum refineries, pharmaceutical companies, and chemical manufacturing facilities, as well as compliance inspectors. It focuses on US EPA Method 21 requirements and describes the practices that can be used to increase the effectiveness of an LDAR program.

The environmental regulation prescribes LDAR programs as a means of reducing emissions with specified standards and applies to monitoring and repairing process components. The LDAR study included the following protocols:

MCPI HALDIA PRIVATE LIMITED

LEAK DETECTION AND REPAIR PROGRAMME

Report on Leak Detection And Repair (LDAR)

SAMPLING LOCATION

MCPI Private Limited
Bhuniaraichak (Vill. & P.O.), Via: Sutahata (Haldia), Purba Medinipur, West Bengal-721 635, India

DP Plant -Sampling Duration (02-01-2025 to 09-01-2025)

CONDUCTED BY

M/s Bureau Veritas (India) Pvt. Ltd., Chennai
F2, Thiru Vi Ka Industrial Estate, Phase III,
Ekkattuthangal, Guindy, Chennai - 600 032

CONTENTS

DECLARATION

This report has been prepared by Bureau Veritas India Private Limited on behalf of and for the use of the Customer with due consideration and skill as per our general terms and conditions of business and the terms of agreement with the customer.

MCPI HALDIA PRIVATE LIMITED

Date: 28th Jan 2025

Manager-Environment

Executive Summary

This report includes the detail of a study carried out to measure the total Hydrocarbons to the production plant through component emission.

The aim of study was to find out the emission component wise the TVOC concentration on annual basis. MCPI Private Limited engaged M/S. Bureau Veritas India Pvt.Ltd, Chennai, for carrying out the study.

The TVOC measurement was conducted as per EPA method 21 using PID analyzer. Total number of points measured 2007 point in Fifteen days (between 02.01.2025 to 09.01.2025). Total number of points measured are 2007 points for TVOC with concentration of 11.603 kg/Year considering all the components with all units.

All points for TVOC, leakage was well within the limit of MoEF Guideline in the LDAR study.

MCPI HALDIA PRIVATE LIMITED

Date: 28th Jan 2025

Manager-Environment

1. INTRODUCTION

MCPI Private Limited (MCPI), a member of The Chatterjee Group (TCG), is a front runner in the manufacture of Purified Terephthalic Acid (PTA) which is the basic raw material for the polyester industry. With its Headquarters in Kolkata and plant located on the picturesque western bank of the river Hooghly in the industrial hub at Haldia, West Bengal, MCPI has established itself as a leading manufacturer of PTA, ensuring a stable supply to the polyester industry in the country.

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The Leak Detection and Repair Program is intended for use by regulated entities, such as petroleum refineries, pharmaceutical companies, and chemical manufacturing facilities, as well as compliance inspectors. It focuses on US EPA Method 21 requirements and describes the practices that can be used to increase the effectiveness of an LDAR program.

The environmental regulation prescribes LDAR programs as a means of reducing emissions with specified standards and applies to monitoring and repairing process components. The LDAR study included the following protocols:

Annexure-III

Discharge Effluent Quality Result

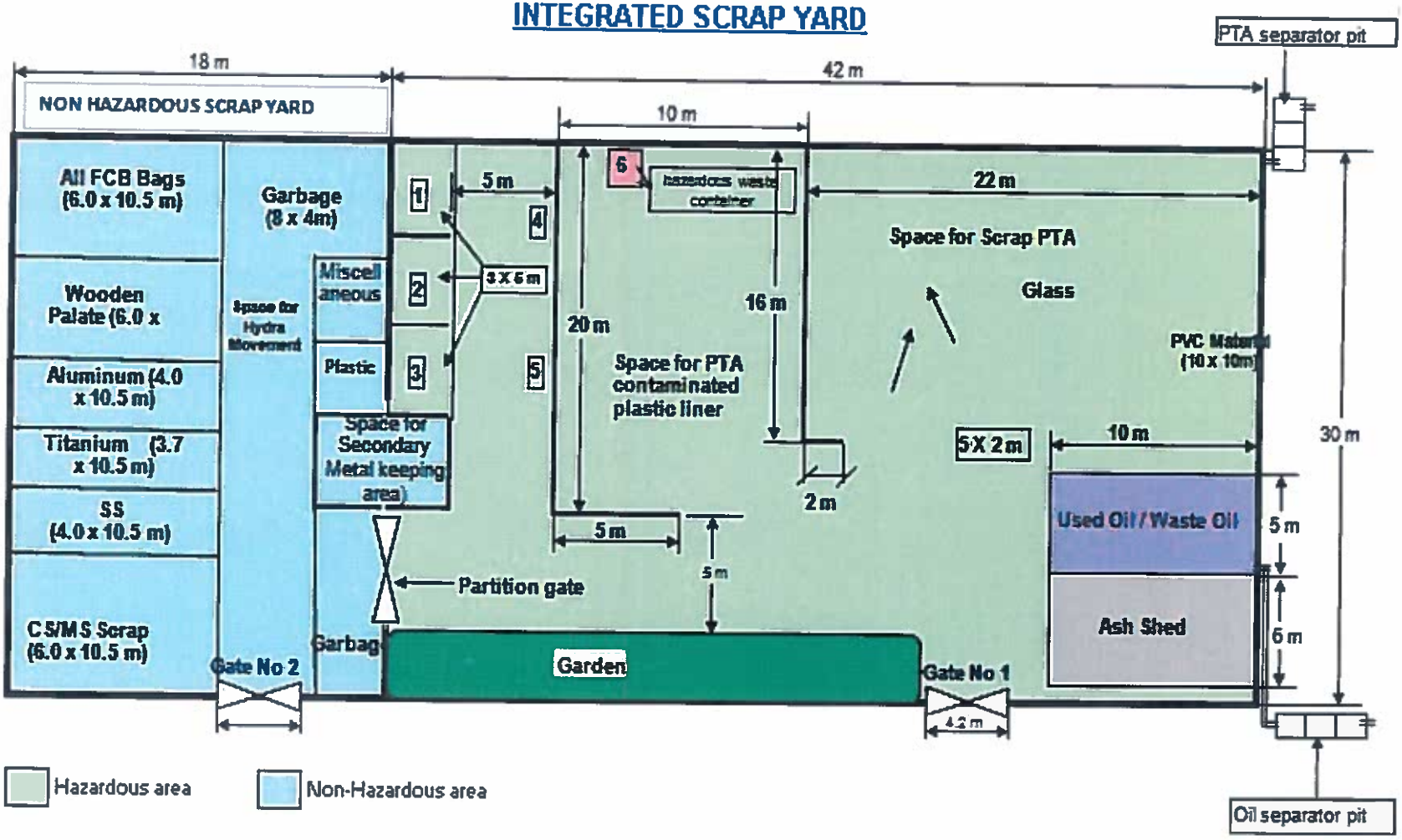
October'2024 ~March'2025

			Oct'24		Nov'24			Dec'24	
Parameter	Unit	Permissible Limit	3rd Party	MCPI	WBPCB	3rd Party	MCPI	3rd Party	MCPI
pH		6.5-8.5	7.87	8.10		7.96	8.20	8.06	8.40
COD	mg/Lit	250.00	72.00	78.00	63.00	64.00	74.00	56.00	96.00
BOD	"	30.00	18.0	15.00	11.00	15.0	15.00	16.0	20.00
O & G	"	10.00	5.00	2.90		5.00	5.00	5.00	5.00
Flouride (F)	"	2.00	0.51	0.77		0.54	0.69	BDL	1.32
Hexavalent Chromium (Cr+6)	"	0.10	BDL	0.02		BDL	0.01	BDL	0.01
Iron (Fe)	"	3.00	BDL	0.37		0.25	0.29	0.28	0.42
Total Chromium (Cr)	"	2.00	BDL	<0.01		BDL	<0.01	BDL	<0.01
Manganese (Mn)	"	2.00	0.18	0.520		0.41	0.560	0.59	0.590
TSS	"	100.00	19.00	9.00		28.00	9.00	12.00	12.00
Cyanide (CN)	"	0.20	BDL	<0.01		BDL	<0.01	BDL	<0.01
Phenolic Compound	"	1.00	BDL	<0.01		BDL	<0.01	BDL	<0.01
Sulfide	"	2.00	BDL	<0.1		BDL	<0.1	BDL	<0.1

			Jan'25		Feb'25			March'25	
Parameter	Unit	Permissible Limit	3rd Party	MCPI	WBPCB	3rd Party	MCPI	3rd Party	MCPI
pH		6.5-8.5	8.91	8.10		8.21	8.20	7.65	8.40
COD	mg/Lit	250.00	52.00	81.00	55.60	56	83.00	60.00	90.00
BOD	"	30.00	13.0	16.00	8.30	14.7	17.00	16.00	19.00
O & G	"	10.00	5.00	3.20		10	2.70	5	3.00
Flouride (F)	"	2.00	BDL	0.95		0.2	0.93	0.240	0.58
Hexavalent Chromium (Cr+6)	"	0.10	BDL	0.01		BDL	<0.01	BDL	0.02
Iron (Fe)	"	3.00	0.24	0.50		BDL	0.60	BDL	0.26
Total Chromium (Cr)	"	2.00	BDL	<0.01		BDL	<0.01	BDL	<0.01
Manganese (Mn)	"	2.00	0.50	0.680		0.63	0.670	0.36	0.470
TSS	"	100.00	5.00	9.00		12.10	6.00	BDL	9.00
Cyanide (CN)	"	0.20	BDL	<0.01		BDL	<0.01	BDL	<0.01
Phenolic Compound	"	1.00	BDL	<0.01		BDL	<0.01	BDL	<0.01
Sulfide	"	2.00	BDL	<0.1		BDL	<0.1	BDL	<0.1

Annexure – IV

INTEGRATED SCRAP YARD



M.C.P.I. HALDIA PRIVATE LIMITED

Annexure –V

HAZARDOUS WASTE DISPOSED TO TSDF AND CO PROCESSING

(West Bengal Waste Management Limited – WBWML and OCL India Limited (Dalmia Cement Unit) - OCL)

DURING APRIL'25 to SEPTEMBER'25

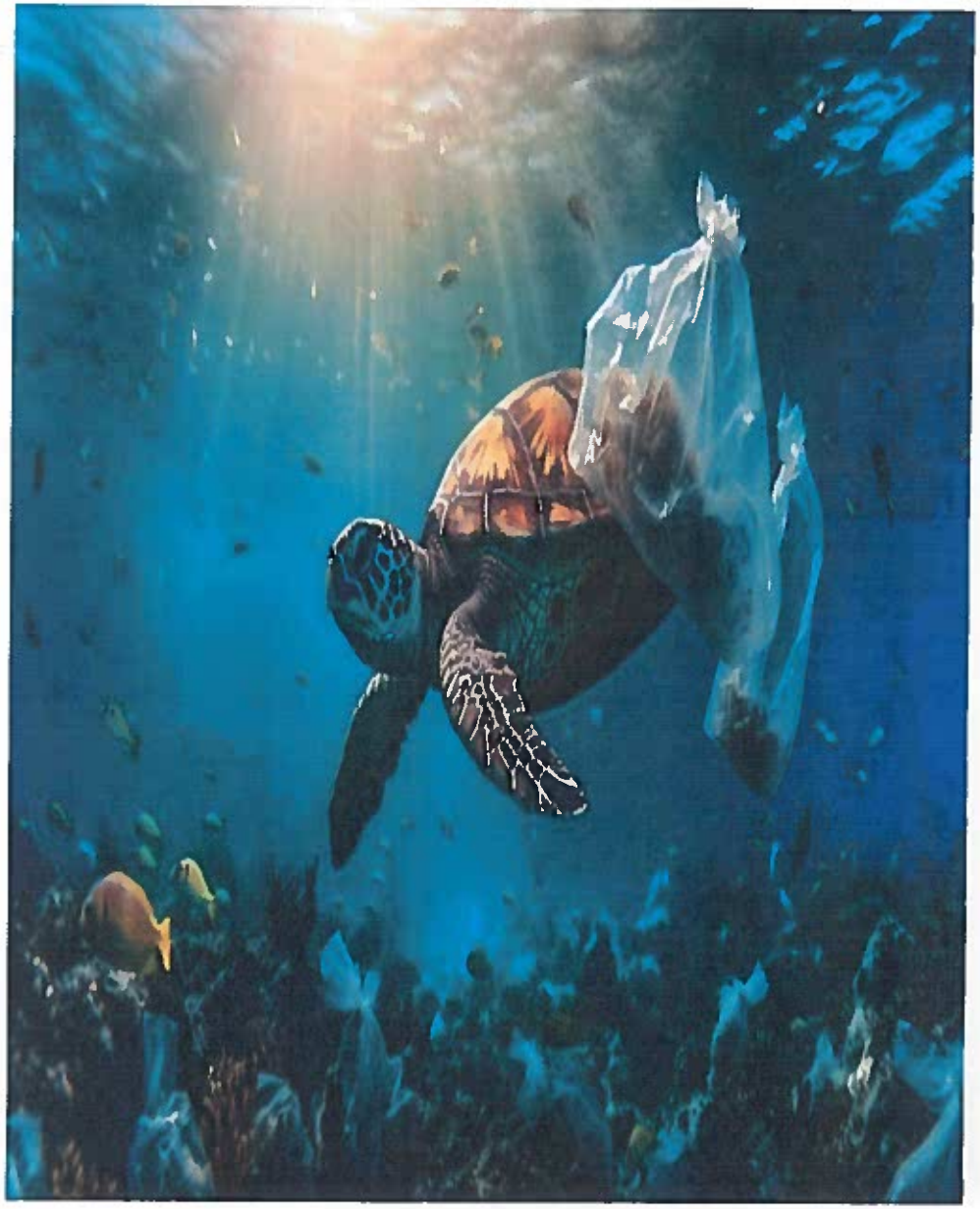
Sl. No.	Hazardous Waste	Generated quantity (Ton)
1	Ash from De-Sox	0.00
2	Scrap PTA	0.00
3	Empty PTA contaminated plastic liners	0.00
4	Empty paint & Dye penetration container	39.49
5**	Oil & Chemical-soaked cotton waste	1.61
6	Water treatment Resin	8.66
7**	Mixture of Process & Utility Sludge	4955.42
8*	Used Oil	65.97
9*	Waste Oil	53.412
10	Asbestos	0.00

* Disposed through registered recycler & re-processor of WBPCB
** Disposed through Co-processing by OCL & through WBWML

Annexure-VI

World Environment Day: 2025

This year them **#Beat Plastic Pollution** with the focus on ***"Ending Plastic Pollution Globally"***

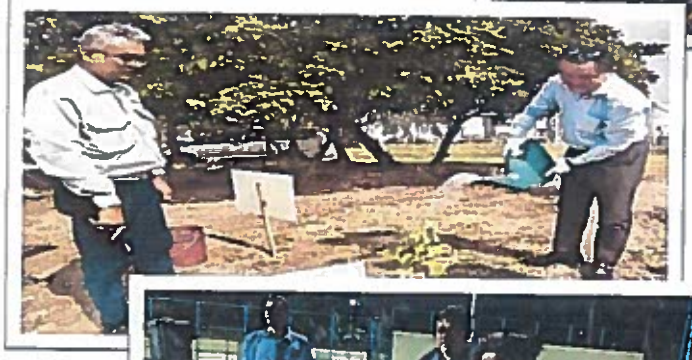


World Environment day 2025

celebration at Shataku-1 & Shataku-2

MCPI PRIVATE LIMITED

World Environment day 2025



Annexure – VII

WEST BENGAL WASTE MANAGEMENT LIMITED

(Under Re Sustainability Limited)

Laboratory-(Recognized by MoEF & CC and WBPCB)

Sustainability

Test Report

Report No : WBWML/25-26/04476.01 **Report Issue Date** : 25/08/2025

SAMPLE REGISTRATION NO: WBWML/25-26/5234

Sample Description/Matrix	: Ambient Noise	**Sampling Date & Timing**	: 13/08/2025
Client Name	: MCPI PRIVATE LIMITED	**Sampling Durations**	: 24 Hrs
Client Address	: Vill & P.O Bhuniaraichak, Sutahata, Haldia, Purba Midnapore, West Bengal-721635,India.	**Category of the area**	: Industrial Area
Customer Reference No	: 7200003640 Dt.31/12/2024		
Sample Drawn by	: RESL-WBWML Lab		

STANDARDS OF NOISE LEVEL

As Per CPCB Guidelines

Area Code	Category of Area	Day dB(A) Leq	Night dB(A) Leq
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Source: The Noise Pollution (Regulation & Control) Rules, 2000

TEST RESULTS

Sr. No.	Locations	Sample ID	Ambient Noise Level (dBA) – (IS 9989:1981)							
			Day time (06:00 AM – 10:00 PM) 75 dB (A) Leq			Noise Level std.	Night time (10:00 PM– 06:00 AM) 70 dB(A) Leq			Noise Level std.
			LI		Leq		LI		Leq	
			Max	Min			Max	Min		
1	North Side of Plant	CS-2508-47	62.5	49.2	56.33	Qualified	56.3	44.9	51.07	Qualified
2	South Side of Plant	CS-2508-47	64.8	56.7	58.1	Qualified	59.1	53.2	53.85	Qualified
3	Near Main Gate	CS-2508-47	66.7	62.3	61.75	Qualified	59.7	56.2	55.22	Qualified
4	East Side of Plant	CS-2508-47	61.4	54.5	58.73	Qualified	56.7	53.0	52.3	Qualified
5	West Side of Plant	CS-2508-47	64.32	56.82	60.5	Qualified	59.12	52.66	51.44	Qualified

dBA - (A-weighted decibels), Min- Minimum, Max - Maximum, Leq- (Equivalent continuous sound level), LI - (Sound intensity level)

Remarks:

Verified By

Tanmoy Das
Asst. Manager

West Bengal Waste Management Ltd

****End of Report****

Authorized Signatory

Tarun Kumar Middya
Senior Deputy Manager

MCPI HALDIA LIMITED

Registered & Corp. Office: Level 11B, Aurobindo Galaxy, Hyderabad Knowledge City, Hitech City Road, Hyderabad - 500081, India.
CIN No. U74140TG1994PLC018833

West Bengal Waste Management Limited
J.L. No.: 103, Mouza: Purba Srikrishnapur, P.S: Sutahata, Haldia, Dist: Purba Midnapore, Pin: 721635
T: (+91)9679999112, www.wbwml.com

Annexure -VIII

SAVE GREEN SEE DREAM

Government of West Bengal
Directorate of Forests
Office of the Divisional Forest Officer
Purba Medinipur Forest Division
Chakkamina, Nimtala, Tamluk, Purba Medinipur
Phone No. 03228-263036, email-dfopmfd@yahoo.co.in

Memo No. 131 / 13- **Dated Tamluk the 01.02.2018**

From : Divisional Forest Officer,
Purba Medinipur Forest Division

To : Mr. Sujit Basu
Vice President – HSE & Quality
MCPI Private Limited.

Sub :- Tree plantation for MCPI Private Limited.
Ref :- Your office Memo No. DFO/12/17/682, Dated- 28.12.2017.

Sir,

In reference to the above mentioned subject, I am submitting herewith the list of plant species, for plantation in the area as stated in your letter.

1) *Ficus bengalensis*
2) *Ficus religiosa*
3) *Ficus recemosa*
4) *Bougenvilia spectabilis*
5) *Ashoka indica*
6) *Alstonia scholaris*
7) *Nerium indicum*
8) *Mangifera indica*
9) *Azadirachta indica*
10) *Carica papaya*
11) *Ilex rounda*
12) *Cassia surattensis*
13) *Cinnamomum camphora*
14) *Michelia chapensis*
15) *Aegle marmelos*
16) *Moringa pterydosperma*
17) *Cassia renigera*
18) *Ailanthus excels*
19) *Ricinus communis*
20) *Hobpiella integrifolia*
21) *Syzigium cumini*
22) *Psidium guajava*

This is for your kind information and taking necessary action.

Divisional Forest Officer
Purba Medinipur Forest Division

E:\PLANTATION 2017-18\MCPI PVT LTD

Annexure IX

Environmental Expenditure for the Year 2025-26

Annual Allocation / expenditure of funds for Environmental Safeguards (including capital expenditure) under various heads during **FY 2025 – 2026**

1. Environmental Monitoring Cost [Rate Contract for Environmental & Process Monitoring Job at MCPI plant]	**: Rs.29,00,000**
2. Environmental Awareness Programme [Celebration of World Environment Day & Environment Awareness programs to local School students]	**: Rs.12,00,000**
3. Greening Drive Activities [Green Belt Development & Upkeep-ment Cost Beautification (Horticultural) Work (inside plant)]	**: Rs.40,00,000**
4. Statutory Fees & Insurance Expenses [Environment Fees for Regulatory Agencies & Premiums for PLI Policies]	**: Rs.42,70,000**
5. Hazardous Wastes Disposal Expenses	**: Rs.2,90,00,000**
6. Operational & Maintenance Cost of Environment protection system:	
6.1 Yearly Operational cost of WWTP	**: Rs.24, 00,000**
6.2 In-House Laboratory Chemical cost for Env. Parameters analysis	**: Rs.1, 08,000**
6.3 Installation of Online Stack monitoring system & Maintenance	**: Rs.2, 45,000**
6.4 Other Expenses (Calibration, Spares & Consumables)	**: Rs.75, 000**
6.5 Water re cycling operation cost	**: Rs,1,33,000**
6.6 DeSox Unit Running Cost	**: Rs.3,30,00,000**
6.7 ESP Operation cost for CHH	**: Rs.15,80,000**
7. Training/Workshop/Seminar/Subscription	**: Rs.80, 000**
	Total Rs. 7,89,91,000

All above-mentioned measures are considered for during the financial year 2025 – 2026 for the abatement of pollution at MCPI plant. Safety expenses with respect to PPE and Occupational Health Expenses are not included.

MCPI ... LIMITED