



sales@ashwamedh.net +91-253-2392225

AMBIENT AIR QUALITY MONITORING REPORT

Sample ID: AA/02/24/056	4 Report No. AA/02/24/0564	Report Date	02/03/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Office Sugar Plant	Date - Sampling	24/02/2024 to 25/02/2024
Sample Quantity / Packing	PM ₁₀ : 1 x 3 no. filter paper PM _{2.5} : 1 x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each CO: 1 x 1 no. bladder HC: 1 x 1 no. bladder	Date - Receipt of Sample	27/02/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	27/02/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

	Meteorologica	I Data / Env	ironment	tal Conditions	
Average Wind Velocity 3 km/h	Wind Direction E-W	Relative Hum (Max./Min.): 7	11 TO 18	Temperature (Max./Min.): 31/25°C	Duration of Survey 24 h
Parameter	Result	NAAQS# 2009	Unit	M	ethod
Chemical Testing; Group:	Atmospheric Polluti	ion			
Sulphur Dioxide (SO ₂)	BLQ (LOQ:4)	80	μg/m³	IS 5182 (Part 2/Sec I): 2023	
Nitrogen Dioxide (NO2)	7.40	80	µg/m³	IS 5182 (Part 6): 2017	
Particulate Matter (size less than 10 µm) or PM10	39	100	μg/m³	IS 5182 (Part 23): 2017	
Particulate Matter (size less than 2.5µm) or PM2.5	11	60	μg/m³	CPCB Guideline, Volume 1,36/2013	2-13, Page No.15:2013
Carbon Monoxide (CO)	1.36	4	mg/m³	CPC8 Guidelines, Volume II, 37/2012-13, Page no.16: 2013	

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

TWA: Time Weighted Average

#: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.

Note: Sample ID AA/02/24/0564 bears two Test Reports-AA/02/24/0564 and AA/02/24/0564N

Saanvi Dalal

Section In-charge (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









AMBIENT AIR QUALITY MONITORING REPORT

Sample ID: AA/02/24/056	5 Report No. AA/02/24/0565	Report Date	02/03/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		•
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Khed Village	Date - Sampling	24/02/2024to 25/02/2024
Sample Quantity / Packing	PM ₁₀ : 1 x 3 no. filter paper PM _{2.5} : 1 x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each CO: 1 x 1 no. bladder HC: 1 x 1 no. bladder	Date - Receipt of Sample	27/02/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	27/02/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

	Meteorologica	I Data / Env	rironment	tal Conditions		
Average Wind Velocity 3 km/h	Wind Direction E-W			Temperature (Max./Min.): 32/25°C	Duration of Survey 24 h	
Parameter Result		NAAQS# 2009	Unit	PARTICION.	Method	
Chemical Testing; Group:	Atmospheric Pollut	ion				
Sulphur Dioxide (SO ₂)	BLQ (LOQ:4)	80	µg/m³	IS 5182 (Part 2/Sec I): 2023		
Nitrogen Dioxide (NO2)	7.33	80	μg/m³	IS 5182 (Part 6): 2017		
Particulate Matter (size les than 10 µm) or PM10	s 63	100	μg/m³	IS 5182 (Part 23): 2017		
Particulate Matter (size les than 2.5µm) or PM2.5	s 17	60	μg/m³	CPCB Guideline, Volume 1,36/2012-13, Page No.15:2013		
Carbon Monoxide (CO)	1.15	4	mg/m³	CPCB Guidelines, Valume II, 37/2012-13, Page na.16: 2013		

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

TWA: Time Weighted Average

#: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.

Note: Sample ID AA/02/24/0565 bears two Test Reports-AA/02/24/0565 and AA/02/24/0565N

Saanyi Dalal

Saanvi Dalal Section In-charge (Chemical) Reviewed & Authorised by





Note

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









AMBIENT AIR QUALITY MONITORING REPORT

Sample ID: AA/02/24/056	6 Report No. AA/02/24/0566	Report Date	02/03/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		•
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Lohara Village	Date - Sampling	24/02/2024 to 25/02/2024
Sample Quantity / Packing	PM ₁₀ : 1 x 3 no. filter paper PM _{2.5} : 1 x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each CO: 1 x 1 no. bladder HC: 1 x 1 no. bladder	Date - Receipt of Sample	27/02/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	27/02/2024
Order Reference	J.O. No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

Average Wind Velocity 3.2 km/h	Wind Direction E-W	Relative Hum (Max./Min.): 7		Temperature (Max./Min.): 32/25°C	Duration of Survey 24 h
Parameter Result		NAAQS# 2009	Unit	M	ethod
Chemical Testing; Group:	Atmospheric Pollut	tion			
Sulphur Dioxide (SO ₂)	4.45	80	μg/m³	IS 5182 (Part 2/Sec 1): 2023	
Nitrogen Dioxide (NO2)	7.78	80	μg/m³	IS 5182 (Part 6): 2017	
Particulate Matter (size less than 10 µm) or PM10	5 52	100	µg/m³	IS 5IB2 (Part 23): 2017	
Particulate Matter (size less than 2.5µm) or PM2.5	14	60	µg/m³	CPCB Guideline, Volume 1,36/2012	2-13, Page No.15:2013
Carbon Monoxide (CO)	1.48	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013	

TWA: Time Weighted Average

: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.

Note: Sample ID AA/02/24/0566 bears two Test Reports-AA/02/24/0566 and AA/02/24/0566N

Saanvi Dalal Section In-charge (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/02/24/02	Report No. AA/02/24/02	Report Date	07/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Office Sugar Plant	Date - Sampling	30/01/2024 to 31/01/2024
Sample Quantity / Packing	PM ₁₀ : 1 x 3 no. filter paper PM _{2.5} : 1 x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	01/02/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	01/02/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	06/02/2024

	Meteorologic	al Data / Env	ironment	al Conditions		
Average Wind Velocity 3 km/h	Wind Direction E-W	Relative Hum (Max./Min.): 7		Temperature (Max./Min.): 30/25°C	Duration of Survey 24 h	
Parameter	Result	NAAQS# 2009	Unit	M	ethod	
Chemical Testing; Group:	Atmospheric Pollut	ion				
Sulphur Dioxide (SO ₂)	4.77	80	µg/m³	IS 5182 (Part 2/Sec I): 2023		
Nitrogen Dioxide (NO ₂)	10.7	80	μg/m³	IS 5182 (Part 6): 2017		
Particulate Matter (size less than 10 µm) or PM ₁₀	47	100	μg/m³	IS 5(82 (Part 23): 20(7		
Particulate Matter (size less than 2.5µm) or PM _{2.5}	13	60	μg/m³	CPCB Guideline, Volume 1.36/2012-13, Page No.15:2013		
Carbon Monoxide (CO)	1.49	4	mg/m³	CPCB Guidelines, Volume II, 37/2	CPC8 Guidelines, Volume II. 37/2012-13, Page no.16: 2013	

TWA: Time Weighted Average

#: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.

Note: Sample ID AA/02/24/02 bears two Test Reports-AA/02/24/02 and AA/02/24/02N

Saanvi Dalal Section In-charge (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/02/24/03	Report No. AA/02/24/03	Report Date	07/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Lohara Village	Date - Sampling	30/01/2024tc 31/01/2024
Sample Quantity / Packing	PM ₁₀ : 1 x 3 no. filter paper PM _{2.5} : 1 x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	01/02/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	01/02/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	06/02/2024

	Meteorologic	al Data / Env	ironment	al Conditions	
Average Wind Velocity Wind Direction 3 km/h E-W		Relative Humidity (Max./Min.): 76/47%		Temperature (Max./Min.): 30/24°C	Duration of Survey 24 h
Parameter	Result	NAAQS# 2009	Unit		ethod
Chemical Testing; Group:	Atmospheric Pollut	ion			
Sulphur Dioxide (SO ₂)	4.88	80	µg/m³	IS 5I82 (Part 2/Sec I): 2023	
Nitrogen Dioxide (NO2)	10.8	80	µg/m³	IS 5182 (Part 6): 2017	
Particulate Matter (size less than 10 µm) or PM10	5 44	100	µg/m³	IS 5182 (Part 23): 2017	
Particulate Matter (size less than 2.5µm) or PM2.5	15	60	µg/m³	CPC8 Guideline, Valume 1,35/2012-13, Page No.15:2013	
Carbon Monoxide (CO)	1.50	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013	

TWA: Time Weighted Average

#: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.

Note: Sample ID AA/02/24/03 bears two Test Reports-AA/02/24/03 and AA/02/24/03N

Sodal

Saanvi Dalal Section In-charge (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/02/24/04	Report No. AA/02/24/04	Report Date	07/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Khed Village	Date - Sampling	30/01/2024 to 31/01/2024
Sample Quantity / Packing	PM10: 1 x 3 no. filter paper PM2.5: 1 x 1 no. filter paper SO2, NO2: 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	01/02/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	01/02/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	06/02/2024

	Meteorologic	al Data / Env	rironment	tal Conditions	
Average Wind Velocity	Wind Direction	(Max./Min.): 75/41% (Max./Min.): 32/25°C		THE PROPERTY OF THE PROPERTY O	Duration of Survey
3.2 km/h	E-W			(Max./Min.): 32/25°C	24 h
Parameter	Result			ethod	
Chemical Testing; Group: /	Atmospheric Pollut	tion			
Sulphur Dioxide (SO ₂)	5.04	80	μg/m³	IS 5182 (Part 2/Sec I): 2023	
Nitrogen Dioxide (NO2)	12.0	80	μg/m³	IS 5182 (Part 6): 2017	
Particulate Matter (size less than 10 µm) or PM ₁₀	43	100	μg/m³	IS 5182 (Part 23): 2017	
Particulate Matter (size less than 2.5µm) or PM2.5	12	60	μg/m³	CPCB Guideline, Volume 1.36/2012-13, Page No.15:2013	
Carbon Monoxide (CO)	0.84	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013	

TWA: Time Weighted Average

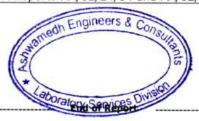
#: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.

Note: Sample ID AA/02/24/04 bears two Test Reports-AA/02/24/04 and AA/02/24/04N

Saanvi Dalal

Section In-charge (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/01/24/08	Report No. AA/01/24/08	Report Date	05/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra	200	
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Khed Village	Date - Sampling	30/12/2023 to 31/12/2023
Sample Quantity / Packing PM10: 1 x 3 no. filter paper PM2.5: 1 x 1 no. filter paper SO2, NO2: 30 ml x 6 no. plastic bottle each CO: 1 x 1 no. bladder HC: 1 x 1 no. bladder		Date - Receipt of Sample	01/01/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	01/01/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	04/01/2024

	Meteorologic	al Data / Env	ironment	al Conditions	
Average Wind Velocity 3.2 km/h			Temperature (Max./Min.): 31/25°C	Duration of Survey 24 h	
Parameter	Result	NAAQS# 2009	Unit	t Method	
Chemical Testing; Group:	Atmospheric Pollut	tion			
Sulphur Dioxide (SO ₂)	4.61	80	µg/m³	IS 5182 (Part 2): 2001	
Nitrogen Dioxide (NO2)	13.8	80	µg/m³	IS 5182 (Part 6): 2006	
Particulate Matter (size less than 10 µm) or PM10	45	100	μg/m³	IS 5182 (Part 23):2006	
Particulate Matter (size less than 2.5µm) or PM2.5	13	60	µg/m³	CPCB Guideline, Volume 1.36/2012-13, Page No.15:2013	
Carbon Monoxide (CO)	1.16	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013	

TWA: Time Weighted Average

: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified

as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon

Monoxide.

Note: Sample ID AA/01/24/08 bears two Test Reports-AA/01/24/08 and AA/01/24/08N

Saanvi Dalal Section In-charge (Chemical)

Reviewed & Authorised by





The result listed refer only to the tested sample(s) and applicable parameter(s).

This report is not to be reproduced except in full, without written approval of the laboratory.

In case sampling is not done by laboratory, the results apply to the sample as received.

4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/01/24/06	Report No. AA/01/24/06	Report Date	05/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra	•	
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Sugar Factory - Office	Date - Sampling	30/12/2023 to 31/12/2023
Sample Quantity / Packing	PM ₁₀ : 1 x 3 no. filter paper PM _{2.5} : 1 x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each CO: 1 x 1 no. bladder HC: 1 x 1 no. bladder	Date - Receipt of Sample	01/01/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	01/01/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	04/01/2024

	Meteorologic	al Data / Env	ironment	tal Conditions		
Average Wind Velocity 3.2 km/h	Wind Direction E-W	Relative Hum (Max./Min.): 7	,	Temperature (Max./Min.): 31/25°C	Duration of Survey	
Parameter	Parameter Result		Unit			
Chemical Testing; Group:	Atmospheric Pollut	tion				
Sulphur Dioxide (SO ₂)	4.02	80	µg/m³	IS 5182 (Part 2): 2001		
Nitrogen Dioxide (NO2)	9.52	80	µg/m³	IS 5182 (Part 6): 2006		
Particulate Matter (size les than 10 µm) or PM10	s 42	100	µg/m³	IS 5182 (Part 23):2006		
Particulate Matter (size less than 2.5µm) or PM2.5	s 12	60	µg/m³	CPCB Guideline, Volume 1.36/2012-13, Page No.15:2013		
Carbon Monoxide (CO)	1.06	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013		

TWA: Time Weighted Average

: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.

Note: Sample ID AA/01/24/06 bears two Test Reports-AA/01/24/06 and AA/01/24/06N

Saanvi Dalal

Section In-charge (Chemical) Reviewed & Authorised by





End of Report

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/01/24/07	Report No. AA/01/24/07	Report Date	05/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Lohara Village	Date - Sampling	30/12/2023to 31/12/2023
Sample Quantity / Packing	PM ₁₀ : 1 x 3 no. filter paper PM _{2.5} : 1 x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each CO: 1 x 1 no. bladder HC: 1 x 1 no. bladder	Date - Receipt of Sample	01/01/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	01/01/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	04/01/2024

	Meteorologic	al Data / Env	ironment	al Conditions	
Average Wind Velocity	Wind Direction	Relative Humidity (Max./Min.): 75/40%		Temperature	Duration of Survey
3.2 km/h	E-W			(Max./Min.): 32/26°C	24 h
Parameter	Result	NAAQS# 2009	Unit	Method	
Chemical Testing; Group:	Atmospheric Pollut	tion			
Sulphur Dioxide (SO ₂)	4.45	80	µg/m³	IS 5182 (Part 2): 2001	
Nitrogen Dioxide (NO2)	10.4	80	μg/m³	IS 5182 (Part 6): 2006	
Particulate Matter (size les	s 48	100	μg/m³	IS 5182 (Part 23):2006	
Particulate Matter (size les	s 14	60	µg/m³	CPCB Guideline, Volume 1,36/2012-13. Page No 15:2013	
Carbon Monoxide (CO)	1.53	4	mg/m³	CPCB Guidelines, Volume II, 37/2	2012-13, Page no.16: 2013

TWA: Time Weighted Average

: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon

Monoxide.

Note: Sample ID AA/01/24/07 bears two Test Reports-AA/01/24/07 and AA/01/24/07N

Saanvi Dalal Section In-charge (Chemical) Reviewed & Authorised by





End of Report

- The result listed refer only to the tested sample(s) and applicable parameter(s).
- This report is not to be reproduced except in full, without written approval of the laboratory.
- In case sampling is not done by laboratory, the results apply to the sample as received.
- There are no additions to, deviations or exclusions from the method.









STACK EMISSION MONITORING REPORT

Sample ID: SA/02/24/0567	Report No. SA/02/24/0567	Report Date	02/03/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle	Date - Sampling	25/02/2024
NO ₂ : 25 ml x 1 no. plastic bottle		Date - Receipt of Sample	27/02/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 2):2019, (Part 3):2018, (Part 7):2017	Date - Start of Analysis	27/02/2024
Order Reference	J.O. No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

Stack Details	
~ Stack Identity	D G Set I - 1010 KVA
~ Stack attached to	D G Set I - 1010 KVA
~ Material of construction	MS
~ Stack height above ground level	6.3 m
~ Stack diameter	0.30 m
~ Stack shape at top	Round
~ Type of Fuel	Diesel
~ Fuel Consumption	40 L/h

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmo	spheric Pollution	The second second		
Flue Gas Temperature	82		°C	IS 11255 (Part 3) : 2018
Flue Gas Velocity	7.5		m/s	IS II255 (Part 3) : 2018
Flue Gas Flow Rate	1601		Nm³/h	IS II255 (Part 3) : 2018
Particulate Matter (PM)	13	150	mg/Nm³	IS II255 (Part I): 2019
Sulphur Dioxide (SO ₂)	BLQ (LOQ:5)	Not specified	mg/Nm³	IS (1255 (Part 2): 2019
Sulphur Dioxide (SO ₂)	BLQ (LOQ:0.02)	Not specified	kg/d	IS 11255 (Part 2): 2019
Oxides of Nitrogen (NO2)	15.4	Not specified ion	mg/Nm³	IS II255 (Part 7): 2017

Saanvi Dalal

Section In-charge (Chemical) Reviewed & Authorised by





Note:

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

STACK EMISSION MONITORING REPORT

Sample ID : SA/02/24/0568	Report No. SA/02/24/0568	Report Date	02/03/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra	'	
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble	Date - Sampling	25/02/2024
	SO ₂ : 30 ml x 1 no. plastic bottle NO ₂ : 25 ml x 1 no. plastic bottle	Date - Receipt of Sample	27/02/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 2):2019, (Part 3):2018, (Part 7):2017	Date - Start of Analysis	27/02/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

Stack Details	
~ Stack Identity	D G Set II - 1010 KVA
~ Stack attached to	D G Set II - 1010 KVA
~ Material of construction	MS
~ Stack height above ground level	6.3 m
~ Stack diameter	0.30 m
~ Stack shape at top	Round
~ Type of Fuel	Diesel
~ Fuel Consumption	40 L/h

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmosp	heric Pollution		•	4
Flue Gas Temperature	80	-	°C	IS 11255 (Part 3) : 2018
Flue Gas Velocity	7	-	m/s	IS 11255 (Part 3) : 2018
Flue Gas Flow Rate	1486	12	Nm³/h	IS II255 (Part 3) : 2018
Particulate Matter (PM)	12	150	mg/Nm³	IS 11255 (Part I): 2019
Sulphur Dioxide (SO ₂)	8.42	Not specified	mg/Nm³	IS II255 (Part 2): 2019
Sulphur Dioxide (SO ₂)	0.3	Not specified	kg/d	IS II255 (Part 2): 2019
Oxides of Nitrogen (NO2)	17.4	Not specified	mg/Nm³	IS 11255 (Part 7): 2017

Saanvi Dalal

Section In-charge (Chemical)
Reviewed & Authorised by





Note:

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.

Disclaimer









sales@ashwamedh.net +91-253-2392225

STACK EMISSION MONITORING REPORT

Sample ID: SA/02/24/0569	Report No. SA/02/24/0569	Report No. SA/02/24/0569 Report Date	
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra	1	
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle	Date - Sampling	25/02/2024
	pusic botte	Date - Receipt of Sample	27/02/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 2):2019, (Part 3):2018	Date - Start of Analysis	27/02/2024
Order Reference	J.O. No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

Boiler - 135 TPH
Boiler - 135 TPH
RCC
85 m
3 m
Round
Bagasse
32 T/h

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmos	pheric Pollution			
Flue Gas Temperature	115	-	°C	IS 11255 (Part 3) : 2018
Flue Gas Velocity	6.2	0.00	m/s	IS 11255 (Part 3) : 2018
Flue Gas Flow Rate	122953	14	Nm³/h	IS II255 (Part 3) : 2018
Particulate Matter (PM)	12	150	mg/Nm³	IS 11255 (Part 1): 2019
Sulphur Dioxide (SO ₂)	BLQ (LOQ:5)	Not specified	mg/Nm³	IS II255 (Part 2): 2019
Sulphur Dioxide (SO ₂)	BLQ (LOQ:0.02)	Not specified	kg/d	IS II255 (Part 2): 2019

Saanvi Dalal

Section In-charge (Chemical)

Reviewed & Authorised by





Note:

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

STACK EMISSION MONITORING REPORT

Sample ID : SA/02/24/05	Report No. SA/02/24/05	Report Date	07/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
The conference of the contraction of the contractio	PM: 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle	Date - Sampling	30/01/2024
	NO ₂ : 25 ml x 1 no. plastic bottle	Date - Receipt of Sample	01/02/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 2):2019, (Part 3):2018, (Part 7):2017	Date - Start of Analysis	01/02/2024
Order Reference	J.O. No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	06/02/2024

Stack Details	
~ Stack Identity	D G Set I - 1010 KVA
~ Stack attached to	D G Set I - 1010 KVA
~ Material of construction	MS
~ Stack height above ground level	6.3 m
~ Stack diameter	0.30 m
~ Stack shape at top	Round
~ Type of Fuel	Diesel
~ Fuel Consumption	30 L/h
NAME OF THE PARTY	

Parameter	Result	Limits as per	Unit	Method
		MPCB Consent		
Chemical Testing; Group: Atmospher	ric Pollution			
Flue Gas Temperature	90	3.0	°C	IS II255 (Part 3) : 2018
Flue Gas Velocity	6.9	<u>.</u>	m/s	IS II255 (Part 3) : 2018
Flue Gas Flow Rate	1449		Nm³/h	IS II255 (Part 3) : 2018
Particulate Matter (PM)	13	150	mg/Nm³	IS 11255 (Part 1): 2019
Sulphur Dioxide (SO ₂)	7.02	Not specified	mg/Nm³	IS II255 (Part 2): 2019
Sulphur Dioxide (SO ₂)	0.24	Not specified	kg/d	IS II255 (Part 2): 2019
Oxides of Nitrogen (NO ₂)	21.7	Not specified	mg/Nm³	IS II255 (Part 7): 2017

Saanvi Dalal

Section In-charge (Chemical) Reviewed & Authorised by





Note:

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- There are no additions to, deviations or exclusions from the method.
 Disclaimer









STACK EMISSION MONITORING REPORT

Sample ID : SA/02/24/06	Report No. SA/02/24/06	Report No. SA/02/24/06 Report Date	
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle	Date - Sampling	30/01/2024
	NO ₂ : 25 ml x 1 no. plastic bottle	Date - Receipt of Sample	01/02/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 2):2019, (Part 3):2018, (Part 7):2017	Date - Start of Analysis	01/02/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	06/02/2024

Stack Details	
~ Stack Identity	D G Set II - 1010 KVA
~ Stack attached to	D G Set II - 1010 KVA
~ Material of construction	MS
~ Stack height above ground level	6.3 m
~ Stack diameter	0.30 m
~ Stack shape at top	Round
~ Type of Fuel	Diesel
~ Fuel Consumption	30 L/h

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmosph	eric Pollution			
Flue Gas Temperature	90	-	°C	IS II255 (Part 3) : 2018
Flue Gas Velocity	7.7	-	m/s	IS II255 (Part 3) : 2018
Flue Gas Flow Rate	1611	1/2	Nm³/h	IS II255 (Part 3) : 2018
Particulate Matter (PM)	13	150	mg/Nm³	IS 11255 (Part I): 2019
Sulphur Dioxide (SO₂)	8.28	Not specified	mg/Nm³	IS II255 (Part 2): 2019
Sulphur Dioxide (SO₂)	0.32	Not specified	kg/d	IS II255 (Part 2), 2019
Oxides of Nitrogen (NO ₂)	20.3	Not specified	mg/Nm³	IS II255 (Part 7): 2017

Saanvi Dalal

Section In-charge (Chemical) Reviewed & Authorised by



End of Report

Note:

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- There are no additions to, deviations or exclusions from the method. Disclaimer









STACK EMISSION MONITORING REPORT

Sample ID : SA/02/24/07	Report No. SA/02/24/07	Report No. SA/02/24/07 Report Date	
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
• • • • • • • • • • • • • • • • • • • •	PM: 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle	Date - Sampling	30/01/2024
	South South A 1 no. plastic bottle	Date - Receipt of Sample	01/02/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 2):2019, (Part 3):2018	Date - Start of Analysis	01/02/2024
Order Reference	J.O. No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	06/02/2024

Stack Details	
~ Stack Identity	Boiler - 135 TPH
~ Stack attached to	Boiler - 135 TPH
~ Material of construction	RCC
~ Stack height above ground level	85 m
~ Stack diameter	3 m
~ Stack shape at top	Round
~ Type of Fuel	Bagasse
~ Fuel Consumption	52 T/h

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmosp	heric Pollution			
Flue Gas Temperature	115	-	°C	IS II255 (Part 3) : 2018
Flue Gas Velocity	6.2	-	m/s	IS II255 (Part 3) : 2018
Flue Gas Flow Rate	122953	•	Nm³/h	IS II255 (Part 3) : 2018
Particulate Matter (PM)	14	150	mg/Nm³	IS 11255 (Part I): 2019
Sulphur Dioxide (SO ₂)	5.71	Not specified	mg/Nm³	IS II255 (Part 2): 2019
Sulphur Dioxide (SO ₂)	16.8	Not specified	kg/d	IS 11255 (Part 2): 2019

Saanvi Dalal Section In-charge (Chemical)

Reviewed & Authorised by





Note:

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- There are no additions to, deviations or exclusions from the method. Disclaimer









509 sales@ashwamedh.net +91-253-2392225

STACK EMISSION MONITORING REPORT

Sample ID : SA/01/24/09	Report No. SA/01/24/09	Report Date	05/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle Date - Sampling		30/12/2023
	NO2: 25 ml x 1 no. plastic bottle	Date - Receipt of Sample	01/01/2024
Sampling Procedure	IS 11255 (Part 1):1985, (Part 2):1985, (Part 3):2008, (Part 7):2005	Date - Start of Analysis	01/01/2024
Order Reference	J.O. No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	04/01/2024

Stack Details	
~ Stack Identity	D G Set I - 1010 KVA
~ Stack attached to	D G Set I - 1010 KVA
~ Material of construction	MS
~ Stack height above ground level	6.3 m
~ Stack diameter	0.30 m
~ Stack shape at top	Round
~ Type of Fuel	Diesel
~ Fuel Consumption	40 L/h

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmosp	heric Pollution	•		
Flue Gas Temperature	80	-	°C	IS 11255 (Part 3):2008
Flue Gas Velocity	6.44	-	m/s	IS II255 (Part 3):2008
Flue Gas Flow Rate	1383		Nm³/h	IS II255 (Part 3):2008
Particulate Matter (PM)	13	150	mg/Nm³	IS 11255 (Part I):1985
Sulphur Dioxide (SO ₂)	5.52	Not specified	mg/Nm³	IS II255 (Part 2):1985
Sulphur Dioxide (SO ₂)	0.18	Not specified	kg/d	IS II255 (Part 2):I985
Oxides of Nitrogen (NO2)	16.1	Not specified	mg/Nm³	IS II255 (Part 7):2005

Saanvi Dalal

Section In-charge (Chemical) Reviewed & Authorised by



End of Report

Note:

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

STACK EMISSION MONITORING REPORT

Sample ID : SA/01/24/010	Report No. SA/01/24/010	Report Date	05/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble	Date - Sampling	30/12/2023
	SO ₂ : 30 ml x 1 no. plastic bottle NO ₂ : 25 ml x 1 no. plastic bottle	Date - Receipt of Sample	01/01/2024
Sampling Procedure	IS 11255 (Part 1):1985, (Part 2):1985, (Part 3):2008, (Part 7):2005	Date - Start of Analysis	01/01/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	04/01/2024

Stack Details	
~ Stack Identity	D G Set II - 1010 KVA
~ Stack attached to	D G Set II - 1010 KVA
~ Material of construction	MS
~ Stack height above ground level	6.3 m
~ Stack diameter	0.30 m
~ Stack shape at top	Round
~ Type of Fuel	Diesel
~ Fuel Consumption	40 L/h

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmosp	heric Pollution	•	•	
Flue Gas Temperature	77	-	°C	IS 11255 (Part 3):2008
Flue Gas Velocity	6.2		m/s	IS II255 (Part 3):2008
Flue Gas Flow Rate	1343		Nm³/h	IS II255 (Part 3):2008
Particulate Matter (PM)	12	150	mg/Nm³	IS 11255 (Part 1):1985
Sulphur Dioxide (SO ₂)	8.28	Not specified	mg/Nm³	IS II255 (Part 2):1985
Sulphur Dioxide (SO ₂)	0.27	Not specified	kg/d	IS 11255 (Part 2):1985
Oxides of Nitrogen (NO ₂)	19.8	Not specified	mg/Nm³	IS II255 (Part 7):2005

Saanvi Dalal

Section In-charge (Chemical) Reviewed & Authorised by





Note:

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

STACK EMISSION MONITORING REPORT

Sample ID : SA/01/24/011	Report No. SA/01/24/011	Report Date	05/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle	Date - Sampling	30/12/2023
	John So Mil X I No. plastic Bottle	Date - Receipt of Sample	01/01/2024
Sampling Procedure	IS 11255 (Part 1):1985, (Part 2):1985, (Part 3):2008	Date - Start of Analysis	01/01/2024
Order Reference	J.O. No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	04/01/2024

Stack Details	
~ Stack Identity	Boiler - 135 TPH
~ Stack attached to	Boiler - 135 TPH
~ Material of construction	RCC
~ Stack height above ground level	85 m
~ Stack diameter	3 m
~ Stack shape at top	Round
~ Type of Fuel	Bagasse
~ Fuel Consumption	52 T/h

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmosph	eric Pollution		- i	1
Flue Gas Temperature	118		°C	IS II255 (Part 3):2008
Flue Gas Velocity	8.8	-	m/s	IS II255 (Part 3):2008
Flue Gas Flow Rate	170995		Nm³/h	IS II255 (Part 3):2008
Particulate Matter (PM)	12	150	mg/Nm³	IS II255 (Part I):1985
Sulphur Dioxide (SO ₂)	5.52	Not specified	mg/Nm³	IS II255 (Part 2):1985
Sulphur Dioxide (SO ₂)	22.7	Not specified	kg/d	IS II255 (Part 2):1985

Saanvi Dalal

Section In-charge (Chemical) Reviewed & Authorised by





Note:

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID: E/02/24/0358	Report No. E/02/24/0358	Report Date	02/03/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Treated Trade Effluent
Sampling Location	ETP Outlet	Date -Sampling	26/02/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	27/02/2024
Sampling Procedure	APHA,24th Ed.,2023, 1060 B, 44	Date - Start of Analysis	27/02/2024
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

r.No.	Parameter	Result	Unit	Method
Chem	ical Testing; Group: Pollution & Env	rironment		
1	pH (at 25°C)	7.66		IS 3025 (Part II): 2017
2	Total Suspended Solids	28	mg/L	IS 3025 (Part I7) Amds.l: 2017
3	Biochemical Oxygen Demand (3 days, 27°C)	10	mg/L	IS 3025 (Part 44): 1993
4	Chemical Oxygen Demand	40	mg/L	APHA.24th Ed5220,B.544: 2023
5	Total Dissolved Solids	930	mg/L	IS 3025 (Part 16) : 2023
6	Oil & Grease	BLQ (LOQ:1)	mg/L	APHA,24th Ed.,5520,8,572; 2023
7	Chloride (as CI)	96	mg/L	IS 3025 (Part 32): 2017
8	Sulphate (as SO ₄)	108	mg/L	IS 3025 (Part 24)/Sec-1: 2022

the

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID: E/02/24/0357	Report No. E/02/24/0357	Report Date	02/03/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Untreated Trade Effluent
Sampling Location	ETP Inlet	Date -Sampling	26/02/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	27/02/2024
Sampling Procedure	APHA,24th Ed.,2023, 1060 B, 44	Date - Start of Analysis	27/02/2024
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

r.No.	Parameter	Result	Unit	Method
Chem	ical Testing; Group: Pollution & Env	rironment		*:
1	pH (at 25°C)	3.34		IS 3025 (Part II): 2017
2	Total Suspended Solids	820	mg/L	IS 3025 (Part I7) Amds.I: 2017
3	Biochemical Oxygen Demand (3 days, 27°C)	1978	mg/L	IS 3025 (Part 44): 1993
4	Chemical Oxygen Demand	5600	mg/L	APHA,24th Ed.,5220,8,544: 2023
5	Total Dissolved Solids	1144	mg/L	IS 3025 (Part I6) : 2023
6	Oil & Grease	BLQ (LOQ:1)	mg/L	APHA,24th Ed.,5520,8,572: 2023
7	Chloride (as Cl)	114	mg/L	IS 3025 (Part 32): 2017
8	Sulphate (as SO ₄)	103	mg/L	IS 3025 (Part 24)/Sec-1: 2022

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





Note

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









TEST REPORT

Sample ID: E/02/24/05	Report No. E/02/24/05	Report Date	09/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Untreated Trade Effluent
Sampling Location	ETP Inlet	Date -Sampling	31/01/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	01/02/2024
Sampling Procedure	APHA,24th Ed.,2023, 1060 B, 44	Date - Start of Analysis	01/02/2024
Order Reference	JO No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	09/02/2024

r.No.	Parameter	Result	Unit	Method
Chem	ical Testing; Group: Pollution & Env	ironment		1700100
1	pH (at 25°C)	3.33	-	IS 3025 (Part II): 2017
2	Total Suspended Solids	500	mg/L	IS 3025 (Part 17) Amds.I: 2017
3	Biochemical Oxygen Demand (3 days, 27°C)	2666	mg/L	IS 3025 (Part 44): 1993
4	Chemical Oxygen Demand	7000	mg/L	APHA,24th Ed.,5220,B,544: 2023
5	Total Dissolved Solids	1296	mg/L	IS 3025 (Part I6) : 2023
6	Oil & Grease	BLQ (LOQ:1)	mg/L	APHA,24th Ed.,5520,8,572: 2023
7	Chloride (as Cl)	15	mg/L	IS 3025 (Part 32): 2017
8	Sulphate (as SO ₄)	48.8	mg/L	IS 3025 (Part 24)/Sec-1: 2022

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









TEST REPORT

Sample ID : E/02/24/06	Report No. E/02/24/06	Report Date	09/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		78
Sampling done by	Laboratory	Sample Description / Type	Treated Trade Effluent
Sampling Location	ETP Outlet	Date -Sampling	31/01/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	01/02/2024
Sampling Procedure	APHA,24th Ed.,2023, 1060 B, 44	Date - Start of Analysis	01/02/2024
Order Reference	JO No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	09/02/2024

r.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment 1 pH (at 25°C) 7.45 - IS 3025 (Part II): 2017 2 Total Suspended Solids 32 mg/L IS 3025 (Part I7) Amds.I: 2017 3 Biochemical Oxygen Demand (3 days, 27°C) IS 3025 (Part 44): 1993 4 Chemical Oxygen Demand 40 mg/L APHA.24th Ed.5220.B.544: 2023 5 Total Dissolved Solids 1150 mg/L IS 3025 (Part I6): 2023				
1	pH (at 25°C)	7.45		IS 3025 (Part II): 2017
2	Total Suspended Solids	32	mg/L	IS 3025 (Part I7) Amds.l: 2017
3	The state of the s	10	mg/L	IS 3025 (Part 44): 1993
4	Chemical Oxygen Demand	40	mg/L	APHA.24th Ed. 5220.B.544; 2023
5	Total Dissolved Solids	1150	mg/L	IS 3025 (Part I6) : 2023
6	Oil & Grease	BLQ (LOQ:1)	mg/L	APHA,24th Ed.,5520,8,572: 2023
7	Chloride (as CI)	66	mg/L	IS 3025 (Part 32): 2017
8	Sulphate (as SO ₄)	412	mg/L	IS 3025 (Part 24)/Sec-1: 2022

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.







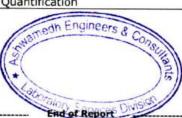


TEST REPORT

Sample ID : E/01/24/02	Report No. E/01/24/02	Report Date	05/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Treated Trade Effluent
Sampling Location	ETP Outlet	Date -Sampling	31/12/2023
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	01/01/2024
Sampling Procedure	IS 3025 (Part 1):1987 Amds.1& APHA,23rd Ed.2017,1060 B,1-40	Date - Start of Analysis	01/01/2024
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	04/01/2024

Sr.No.	Parameter	Result	Unit	Method
Chem	ical Testing; Group: Pollution & Env	ironment		
1	pH (at 25°C)	8.04		IS 3025 (Part II):1983
2	Total Suspended Solids	36	mg/L	IS 3025 (Part 17):1984
3	Biochemical Oxygen Demand (3 days, 27°C)	35	mg/L	IS 3025 (Part 44):1993
4	Chemical Oxygen Demand	120	mg/L	APHA, 23rd Ed., 5220-B, 5-18
5	Total Dissolved Solids	952	mg/L	IS 3025 (Part I6):1984
6	Oil & Grease	BLQ (LOQ:1)	mg/L	APHA, 23rd Ed., 5520-B, 5-42
7	Chloride (as Cl)	86	mg/L	IS 3025 (Part 32):1988
8	Sulphate (as SO ₄)	80.4	mg/L	IS 3025 (Part 24)

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by



Note

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









TEST REPORT

Sample ID: E/01/24/01	Report No. E/01/24/01	Report Date	05/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Untreated Trade Effluent
Sampling Location	ETP Inlet	Date -Sampling	31/12/2023
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	01/01/2024
Sampling Procedure	IS 3025 (Part 1):1987 Amds.1& APHA,23rd Ed.2017,1060 B,1-40	Date - Start of Analysis	01/01/2024
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	04/01/2024

r.No.	Parameter	Result	Unit	Method
Chem	ical Testing; Group: Pollution & Env	rironment		
1	pH (at 25°C)	2.98	190	IS 3025 (Part II):1983
2	Total Suspended Solids	320	mg/L	IS 3025 (Part 17):1984
3	Biochemical Oxygen Demand (3 days, 27°C)	4330	mg/L	IS 3025 (Part 44):1993
4	Chemical Oxygen Demand	10800	mg/L	APHA, 23rd Ed., 5220-B, 5-18
5	Total Dissolved Solids	1986	mg/L	IS 3025 (Part I6):1984
6	Oil & Grease	BLQ (LOQ:1)	mg/L	APHA, 23rd Ed., 5520-8, 5-42
7	Chloride (as Cl)	140	mg/L	IS 3025 (Part 32):1988
8	Sulphate (as SO ₄)	84	mg/L	IS 3025 (Part 24)

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





Note

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

ULR-TC550924000003988F

TEST REPORT

100000	1033092400000396		TEST REPORT					
Sample ID: W/02/24/0505 Report No. W/02/			Rej	port Date		04/03/2024		
	e and address of	Lokmangal Mauli Ind						
Cust	omer	A/P Lohara (Khurd),						
Sam	pling done by	Dist. Osmanabad - 413 Laboratory	508,Manarashtra	Cor	nple Descripti	on / Time	Surface Water	
_	pling Location	Makani Dam		_	te - Sampling	on / Type	CONTRACT STREET	
	ple Quantity / Packing	2 L x 1 no. plastic can			te - Receipt of	Cample	26/02/2024	
Jam	pie Quantity / Lacking	250 ml x 1 no. sterile b	ottle	Dai	ie - Receipt of	Sample	27/02/2024	
Sam	pling Procedure	IS 1622:1981 & APHA 2		Dat	te - Start of An	alysis	27/02/2024	
		1060 B, 44, 9060 A,109						
		B,1097 & ISO 19458:20						
	er Reference	W.O. No. 23-24/1C000		Dat	te - Completio	n of Analysis	02/03/2024	
Sr.No.		ameter Posiduos in N	Result		Unit	100 100 100	Method	
	sical & Chemical Pa	p: Water, Residues in \	water					
1	Colour	ameters	1		Hazen	IS 30.25 (Dact 6)	Method No.4: 2021	
1	Colour		•		units	10 3023 (1811 4)	, MELIIUU MU.4. 2021	
2	Odour		Agreeable		-	IS 3025 (Part 5)	3025 (Part 5):2018	
3	pH value (at 25°C)		7.14		-	IS 3025 (Part II)	1): 2022	
4	Turbidity		BLQ (LOQ:0.2)	NTU		IS 3025 (Part IO) : 2023		
5	Biochemical Oxygen	Demand (3 days, 27°C)	6		mg/L	IS 3025 (Part 44	i): 1993	
6	Chemical Oxygen De	mand	21		mg/L	APHA,24th Ed.,52	220,8,544: 2023	
7	Total Dissolved Solid	s	632		mg/L	IS 3025 (Part I6): 2023	
8	Calcium (as Ca)		67.3		mg/L IS 3025 (Part 4		1), Method No.5: 1991	
9	Chloride (as CI)		122	mg/L		IS 3025 (Part 32	?),Method No.2: 1988	
10	Fluoride (as F)		1		mg/L	IS 3025 (Part 60	1) Method No.5: 2008	
11	Free Residual Chlorin	ne	BLQ (LOQ:0.05)	mg/L APHA,24th Ed.,		APHA,24th Ed.,45	th Ed.,4500- Cl,G,357: 2023	
12	Iron (as Fe)		0.119	mg/L IS 3025 (Pa		IS 3025 (Part 2):	3025 (Part 2):2019/ISO 11885:2007	
13	Magnesium (as Mg)		41.7		mg/L	IS 3025 (Part 46): 1994	
14	Nitrate (as NO ₃)		16		mg/L	APHA, 24th Ed., 45	00- N03,B, 434: 2023	
15	Sulphate (as SO ₄)		123		mg/L	IS 3025 (Part 24)/Sec-1: 2022	
16	Total Alkalinity (as CaCO ₃)		230	mg/L IS 3025(Part 2		IS 3025(Part 23)	:1986	
17	Total Hardness (as CaCO ₃)		340	mg/L IS 3025 (Part 21)		Method No.5: 1983		
18	Total Phosphate (as P)		BLQ (LOQ:0.1)		mg/L APHA, 24th Ed., 4500 - P. E., 486		00- P.E.486: 2023	
19	Silica (as SiO ₂)		11.2		mg/L	IS 3025 (Part 35) Method No.4: 1988	
	gical Testing; Grou							
Bact	eriological Paramet	ers						
20	Total Coliforms	fication, LOQ:Limit of Qua	Present		/100ml	APHA, 24th Ed., 92	221-D, 1140: 2023	

Ulka Belan Quality Manager Reviewed & Authorised by amedh Engineers & Consulta

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by







sales@ashwamedh.net +91-253-2392225

ULR-TC550924000003988F

Sample ID: W/02/24/0505

Report No. W/02/24/0505

Report Date

04/03/2024

Selon

Ulka Belan Quality Manager Reviewed & Authorised by Marriedh Engineers & Consultation Services División

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by

Note

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

ULR-TC550924000002478F

TEST REPORT

			TEST REPORT	_			1	
Sample ID: W/02/24/06 Report No. W/02/			Re	port Date		06/02/2024		
	ne and address of omer	A/P Lohara (Khurd), Ta Dist. Osmanabad - 4136	al. Lohara,					
Sam	pling done by	Laboratory	oo, nanarasiitra	Sa	mple Descriptio	n / Type	Surface Water	
	pling Location	Makhi Dam		+	te - Sampling		31/01/2024	
Sam	ple Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bo	ttle	Da	te - Receipt of S	Sample	01/02/2024	
Sam	pling Procedure	IS 1622:1981 & APHA 24 1060 B, 44, 9060 A,1094 ISO 19458:2006	30 70	Da	te - Start of Ana	alysis	01/02/2024	
Orde	er Reference	J.O. No. 23-24/1C00003	5 dated 02.12.2023	Da	te - Completion	of Analysis	05/02/2024	
Sr.No		ameter	Result	Dett	Unit		Method	
		p: Water, Residues in W	ater					
Phy	sical & Chemical Pa	rameters						
1	Colour		1		Hazen units	IS 3025 (Part 4)), Method No.4: 2021	
2	Odour		Agreeable		-	IS 3025 (Part 5	2018	
3	pH value (at 25°C)		7.84			IS 3025 (Part II): 1983		
4	Turbidity		0.28		NTU	IS 3025 (Part 10) : 2023		
5	Biochemical Oxygen	Demand (3 days, 27°C)	4		mg/L	IS 3025 (Part 44	4): 1993	
6	Chemical Oxygen De	emand	15	mg/L APHA, 24th		APHA, 24th Ed., 5	220,B.544: 2023	
7	Total Dissolved Solid	s	610	mg/L IS 3025 (Part		IS 3025 (Part 16): 2023	
8	Calcium (as Ca)		54.5	mg/L		IS 3025 (Part 40	3), Method No.5: 1991	
9	Chloride (as CI)		124	mg/L		IS 3025 (Part 3)	2). Method No.2: 1988	
10	Fluoride (as F)		1.0		mg/L	IS 3025 (Part 6)	0) Method No.5: 2008	
11	Free Residual Chloris	ne	BLQ (LOQ:0.05)	mg/L APHA,24th Ed.		APHA, 24th Ed., 45	500- CI,G,357: 2023	
12	Iron (as Fe)		0.122	mg/L IS 3025 (F		IS 3025 (Part 2)	2019/ISO 11885:2007	
13	Magnesium (as Mg)		32	mg/L		IS 3025 (Part 48	6): 1994	
14	Nitrate (as NO ₃)		4.55		mg/L APHA,24th Ed.,4		.4500- NO3,B, 434: 2023	
15	Sulphate (as SO ₄)		134			IS 3025 (Part 24	A)/Sec-1: 2022	
16	Total Alkalinity (as C	aCO ₃)	205		mg/L IS 3025(Part 2):1986	
17	Total Hardness (as CaCO ₃)		268		mg/L	IS 3025 (Part 2)) Method No.5: 1983	
18	Total Phosphate (as P)		BLQ (LOQ:0.1)			APHA, 24th Ed., 45	500- P.E,486: 2023	
19	Silica (as SiO ₂)		7.2		mg/L	IS 3025 (Part 35	i) Method No.4: 1988	
Biol	ogical Testing; Grou	p: Water	439190078		1000 #1000			
	teriological Paramet	• IOU DAY OF CHANGE						
20	Total Coliforms		Present		/100 ml	APHA, 24th Ed., 9	1221-D. 114D: 2023	
BLO	Below Limit of Quanti	fication, LOQ:Limit of Quar	ntification.					

Akshata Ragare Senior Analyst (Biological) Reviewed & Authorised by

edh Engineers & Consult

End of Report

atory Services

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by







sales@ashwamedh.net +91-253-2392225

ULR-TC550924000002478F

Sample ID: W/02/24/06

Report No. W/02/24/06

Report Date

06/02/2024

Hagare

Akshata Pagare Senior Analyst (Biological) Reviewed & Authorised by



Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by

Note:

1. The result listed refer only to the tested sample(s) and applicable parameter(s).

2. This report is not to be reproduced except in full, without written approval of the laboratory.

3. In case sampling is not done by laboratory, the results apply to the sample as received.

4. There are no additions to, deviations or exclusions from the method.









ULR-TC550924000000098F

TEST REPORT

JLK-	1C55092400000000	юг	TEST REPORT					
	ple ID : W/01/24/011	Report No. W/01		Rep	ort Date		06/01/2024	
	e and address of	Lokmangal Mauli Ind						
Cust	omer	A/P Lohara (Khurd),	The state of the s					
Sam	pling done by	Dist. Osmanabad - 413	508,Maharashtra	Con	l- Di-t	/ TD	6 6	
	pling Location	Laboratory Makhi Dam		-	nple Descripti	on / Type	Surface Water	
		000-21-000-1-00-1-00-1-00-1-00-1-00-1-0		+	e - Sampling	0 1	31/12/2023	
Sam	ple Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile b	ottle	Dat	e - Receipt of	Sample	01/01/2024	
Sam	pling Procedure	IS 1622:1981 & IS 302		Dat	e - Start of Ar	alvsis	01/01/2024	
	p.m.g . roccuare	APHA 23rd Ed.2017, 10					01/01/2021	
		A,9-36 & 9060 B,9-39 8	ISO 19458:2006					
	er Reference	W.O. No. 23-24/1C003	5 dated 02.12.2023	Dat	e - Completio	n of Analysis	05/01/2024	
Sr.No		ameter	Result		Unit		Method	
		p: Water, Residues in \	Vater					
Phy	sical & Chemical Pa	rameters						
1	Colour		1		Hazen units	IS 3025 (Part 4)	:1983	
2	Odour		Agreeable		-	IS 3025 (Part 5)	2018	
3	pH value (at 25°C)		8.73		-	IS 3025 (Part 11)	1):1983	
4	Turbidity		0.22		NTU	IS 3025 (Part 10):1984	
5	Biochemical Oxygen	Demand (3 days, 27°C)	3		mg/L	IS 3025 (Part 44): 1993		
6	Chemical Oxygen De	mand	12		mg/L	APHA, 23rd Ed., 5	522D-B, 5-18	
7	Total Dissolved Solid	S	550		mg/L	IS 3025 (Part 16)): 1984	
8	Calcium (as Ca)		52.9		mg/L	IS 3025 (Part 40): 1991	
9	Chloride (as CI)		114		mg/L	IS 3025 (Part 32	7).1988	
10	Fluoride (as F)		0.9		mg/L	IS 3025 (Part 60	1)	
11	Free Residual Chlorin	e	BLQ (LOQ:0.05)		mg/L	APHA, 23rd Ed., 4	500-CI-G, 4-72	
12	Iron (as Fe)		0.158		mg/L	IS 3025 (Part 2):	2019/ISD 11885:2007	
13	Magnesium (as Mg)		31	mg/L IS 3025 (Par		IS 3025 (Part 46	(Part 46): 1994	
14	Nitrate (as NO ₃)		3.62		mg/L	APHA, 23rd Ed., 4	500-N03 B-4-127	
15	Sulphate (as SO ₄)		130		mg/L	IS 3025 (Part 24)	
16	Total Alkalinity (as CaCO ₃)		145		mg/L IS 3025(Part 23		1986	
17	Total Hardness (as CaCO ₃)		260	mg/L IS 3025 (Part 2		IS 3025 (Part 21)	: 1983	
18	Total Phosphate (as P)		BLQ (LOQ:0.1)		mg/L	APHA. 23rd Ed., 4500 P.E. 4-164		
19	Silica (as SiO ₂)	1	14		mg/L	IS 3025 (Part 35)): 1988	
	ogical Testing; Grou							
	eriological Paramet	ers						
20	Total Coliforms	ication, LOQ:Limit of Qua	Present		/100ml	APHA, 23rd Ed., 9	221-D, 9-75 P-A Coliform test: 2	

Sorial Kapse
Section In-charge (Biological)
Reviewed & Authorised by

End of Report

Silver Services Divisions

End of Report

Saanvi Dalal Section In-charge (Chemical) Reviewed & Authorised by







ULR-TC550924000000098F

Sample ID: W/01/24/011

Report No. W/01/24/011

Report Date

06/01/2024

THE

Sonali Kapse Section In-Charge (Biological) Reviewed & Authorised by



Saanvi Dalal Section In-charge (Chemical) Reviewed & Authorised by

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

ULR-TC550924000003986F

TEST REPORT

Sample ID : W/02/24/0503	Report No. W/02/24/0503	Report Date	04/03/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Khed Village - Well	Date - Sampling	26/02/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	27/02/2024
Sampling Procedure	IS 1622:1981 & APHA 24 th Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006	Date - Start of Analysis	27/02/2024
Order Reference	W.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

r.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
Chem	ical Testing; Group: Water, F	tesidues in Wat			
Physi	cal & Chemical Parameters				
1	Colour	1	Max. 5	Hazen units	IS 3025 (Part 4), Method No.4: 2021
2	Odour	Agreeable	Agreeable	-	IS 3025 (Part 5):2018
3	pH value (at 25°C)	7.34	6.5-8.5	-	IS 3025 (Part II) : 2022
4	Turbidity	BLQ (LOQ:0.2)	Max. 1	NTU	IS 3025 (Part ID) : 2023
5	Total Dissolved Solids	492	Max.500	mg/L	IS 3025 (Part 16): 2023
6	Calcium (as Ca)	59.3	Max. 75	mg/L	IS 3025 (Part 40), Method No.5: 1991
7	Chloride (as CI)	68	Max. 250	mg/L	IS 3025 (Part 32),Method No.2: 1988
8	Fluoride (as F)	0.8	Max.1.0	mg/L	IS 3025 (Part 60) Method No.5: 2008
9	Free Residual Chlorine	BLQ (LOQ:0.05)	Min. 0.2	mg/L	APHA,24th Ed.,4500- CI,G,357: 2023
10	Iron (as Fe)	0.131	Max.1.0	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
11	Magnesium (as Mg)	38.8	Max. 30	mg/L	IS 3025 (Part 46): 1994
12	Nitrate (as NO ₃)	4.2	Max.45	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
13	Sulphate (as SO ₄)	48	Max. 200	mg/L	IS 3025 (Part 24)/Sec-1: 2022
14	Total Hardness (as CaCO ₃)	308	Max. 200	mg/L	IS 3025 (Part 21) Method No.5: 1983
15	Total Phosphate (as P)	BLQ (LOQ:0.1)	Not specified	mg/L	APHA.24th Ed.,4500- P.E.486: 2023
16	Silica (as SiO ₂)	5.8	Not specified	mg/L	IS 3025 (Part 35) Method No.4: 1988
	gical Testing; Group: Water				
Bacte	riological Parameters				
17	Total Coliforms	Present	Not specified	/100ml	APHA, 24th Ed., 9221-D, 114D: 2023
BLQ:B	elow Limit of Quantification, LO	Q:Limit of Quanti	fication		

Ulka Belan Quality Manager Reviewed & Authorised by ator Find of Report Division

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by







sales@ashwamedh.net +91-253-2392225

ULR-TC550924000003986F

Sample ID: W/02/24/0503

Report No. W/02/24/0503

Report Date

04/03/2024

Selow

Ulka Belan
Quality Manager
Reviewed & Authorised by

anedh Engineers & Consultant

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by

Note:

1. The result listed refer only to the tested sample(s) and applicable parameter(s).

2. This report is not to be reproduced except in full, without written approval of the laboratory.

3. In case sampling is not done by laboratory, the results apply to the sample as received.

4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

ULR-TC550924000003987F

TEST REPORT

Sample ID: W/02/24/0504	Report No. W/02/24/0504	Report Date	04/03/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Lohara Village - Borewell	Date - Sampling	26/02/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	27/02/2024
Sampling Procedure	IS 1622:1981 & APHA 24th Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006	Date - Start of Analysis	27/02/2024
Order Reference	W.O. No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

Testing; Group: Water, I c Chemical Parameters lour lour value (at 25°C)	1	per IS 10500:2012 ter		
lour lour		May 5		
lour		May E		
		Max. 5	Hazen units	IS 3025 (Part 4). Method No.4: 2021
value (at 25°C)	Agreeable	Agreeable	-	IS 3025 (Part 5):2018
41 - 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.01	6.5-8.5	-	IS 3025 (Part II) : 2022
rbidity	BLQ (LOQ:0.2)	Max. 1	NTU	IS 3025 (Part ID) : 2023
tal Dissolved Solids	1172	Max.500	mg/L	IS 3025 (Part 16): 2023
lcium (as Ca)	160	Max. 75	mg/L	IS 3025 (Part 40), Method No.5: 1991
loride (as CI)	329	Max. 250	mg/L	IS 3025 (Part 32), Method No. 2: 1988
oride (as F)	1.2	Max.1.0	mg/L	IS 3025 (Part 60) Method No.5: 2008
ee Residual Chlorine	BLQ (LOQ:0.05)	Min. 0.2	mg/L	APHA.24th Ed.,4500- Cl.G,357: 2023
n (as Fe)	0.079	Max.1.0	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
gnesium (as Mg)	97.2	Max. 30	mg/L	IS 3025 (Part 46): 1994
rate (as NO ₃)	15	Max.45	mg/L	APHA,24th Ed.,4500- ND3,B, 434: 2023
lphate (as SO ₄)	324	Max. 200	mg/L	IS 3025 (Part 24)/Sec-1: 2022
tal Hardness (as CaCO ₃)	800	Max. 200	mg/L	IS 3025 (Part 21) Method No.5: 1983
al Phosphate (as P)	BLQ (LOQ:0.1)	Not specified	mg/L	APHA, 24th Ed., 4500- P.E., 486: 2023
ca (as SiO ₂)	8.2	Not specified	mg/L	IS 3025 (Part 35) Method No.4: 1988
Testing; Group: Water	-			
gical Parameters				
al Coliforms	Present	Not specified	/100ml	APHA, 24th Ed., 9221-D, 1140: 2023
9	esting; Group: Water ical Parameters	a (as SiO2) 8.2 Festing; Group: Water ical Parameters I Coliforms Present	a (as SiO2) 8.2 Not specified festing; Group: Water ical Parameters I Coliforms Present Not specified	a (as SiO ₂) 8.2 Not specified mg/L resting; Group: Water ical Parameters

Ulka Belan Quality Manager Reviewed & Authorised by End of Report

Aboralory Services Division

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by







sales@ashwamedh.net +91-253-2392225

ULR-TC550924000003987F

Sample ID: W/02/24/0504

Report No. W/02/24/0504

Report Date

04/03/2024

Selon

Ulka Belan Quality Manager Reviewed & Authorised by edh Engineers & Consulting

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by

Note:

1. The result listed refer only to the tested sample(s) and applicable parameter(s).

2. This report is not to be reproduced except in full, without written approval of the laboratory.

3. In case sampling is not done by laboratory, the results apply to the sample as received.

4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

ULR-TC550924000002476F

TEST REPORT

Sample ID: W/02/24/04	Report No. W/02/24/04	Report Date	06/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell - Khed Village	Date - Sampling	31/01/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	01/02/2024
Sampling Procedure	IS 1622:1981 & APHA 24 th Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006	Date - Start of Analysis	01/02/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	06/02/2024

r.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method	
Chem	ical Testing; Group: Water, I	Residues in Wat				
Physi	cal & Chemical Parameters					
1	Colour	1	Max.5	Hazen units	IS 3025 (Part 4). Method No.4: 2021	
2	Odour	Agreeable	Agreeable		IS 3025 (Part 5):2018	
3	pH value (at 25°C)	7	6.5-8.5		IS 3025 (Part II): 1983	
4	Turbidity	0.23	Max.1	NTU	IS 3025 (Part 10) : 2023	
5	Total Dissolved Solids	738	Max.500	mg/L	IS 3025 (Part 16): 2023	
6	Calcium (as Ca)	57.7	Max. 75	mg/L	IS 3025 (Part 40), Method No.5: 1991	
7	Chloride (as CI)	152	Max.250	mg/L	IS 3025 (Part 32), Method No.2 1988	
8	Fluoride (as F)	1.1	Max.1.0	mg/L	IS 3025 (Part 60) Method No.5: 2008	
9	Free Residual Chlorine	BLQ (LOQ:0.05)	Min. 0.2	mg/L	APHA.24th Ed.,4500- Cl.G.357: 2023	
10	Iron (as Fe)	0.246	Max.1	mg/L	IS 3025 (Part 2):2019/ISD 11885:2007	
11	Magnesium (as Mg)	36	Max. 30	mg/L	IS 3025 (Part 46): 1994	
12	Nitrate (as NO₃)	3.03	Max.45	mg/L	APHA 24th Ed., 4500- NO3, B. 434: 2023	
13	Sulphate (as SO ₄)	252	Max.200	mg/L	IS 3025 (Part 24)/Sec-1: 2022	
14	Total Alkalinity (as CaCO ₃)	120	Max.200	mg/L	IS 3025(Part 23):1986	
15	Total Hardness (as CaCO ₃)	292	Max.200	mg/L	IS 3025 (Part 21) Method No.5: 1983	
16	Total Phosphate (as P)	BLQ (LOQ:0.1)	Not specified	mg/L	APHA,24th Ed.,4500- P.E.486: 2023	
17	Silica (as SiO ₂)	8	Not specified	mg/L	IS 3025 (Part 35) Method No.4: 1988	
	ical Testing; Group: Water					
Bacter	riological Parameters					
18	Total Coliforms	Absent	Not specified	/100 ml	APHA, 24th Ed., 9221-D, II4D: 2023	
LQ:Be	elow Limit of Quantification, LOC	:Limit of Quantif	ication.			

Akshata Pagare Senior Analyst (Biological) Reviewed & Authorised by

End of Report

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by







sales@ashwamedh.net +91-253-2392225

ULR-TC550924000002476F

Sample ID: W/02/24/04

Report No. W/02/24/04

Report Date

06/02/2024

Akshata Pagare

Akshata Pagare Senior Analyst (Biological) Reviewed & Authorised by



Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

ULR-TC550924000002477F

TEST REPORT

Sample ID: W/02/24/05	Report No. W/02/24/05	Report Date	06/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell - Lohara Village	Date - Sampling	31/01/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	01/02/2024
Sampling Procedure	IS 1622:1981 & APHA 24 th Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006	Date - Start of Analysis	01/02/2024
Order Reference	J.O. No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	05/02/2024

Sr.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
Chem	ical Testing; Group: Water, I	Residues in Wat			
Physi	cal & Chemical Parameters				
1	Colour	1	Max.5	Hazen units	IS 3025 (Part 4), Method No.4: 2021
2	Odour	Agreeable	Agreeable		IS 3025 (Part 5):2018
3	pH value (at 25°C)	7.31	6.5-8.5		IS 3025 (Part 11): 1983
4	Turbidity	BLQ (LOQ:0.2)	Max.1	NTU	IS 3025 (Part IO) : 2023
5	Total Dissolved Solids	1164	Max.500	mg/L	IS 3025 (Part I6): 2023
6	Calcium (as Ca)	84.2	Max. 75	mg/L	IS 3025 (Part 40). Method No.5: 1991
7	Chloride (as CI)	300	Max.250	mg/L	IS 3025 (Part 32), Method No. 2: 1988
8	Fluoride (as F)	1.8	Max.1.0	mg/L	IS 3025 (Part 60) Method No.5: 2008
9	Free Residual Chlorine	BLQ (LOQ:0.05)	Min. 0.2	mg/L	APHA 24th Ed., 4500- Cl.G.357: 2023
10	Iron (as Fe)	1.97	Max.1	mg/L	IS 3025 (Part 2):2019/ISD 11885:2007
11	Magnesium (as Mg)	53.5	Max. 30	mg/L	IS 3025 (Part 46): 1994
12	Nitrate (as NO ₃)	4.16	Max.45	mg/L	APHA.24th Ed.,4500- NO3,B, 434: 2023
13	Sulphate (as SO ₄)	34.3	Max.200	mg/L	IS 3025 (Part 24)/Sec-1: 2022
14	Total Alkalinity (as CaCO ₃)	175	Max.200	mg/L	IS 3025(Part 23):1986
15	Total Hardness (as CaCO ₃)	430	Max.200	mg/L	IS 3025 (Part 21) Method No 5: 1983
16	Total Phosphate (as P)	BLQ (LOQ:0.1)	Not specified	mg/L	APHA.24th Ed4500- P.E.486: 2023
17	Silica (as SiO ₂)	13	Not specified	mg/L	IS 3025 (Part 35) Method No.4: 1988
	ical Testing; Group: Water				
Bacter	riological Parameters				
18	Total Coliforms	Absent	Not specified	/100 ml	APHA, 24th Ed., 9221-D, 1140: 2023
BLQ:Be	elow Limit of Quantification, LOC	:Limit of Quantif	fication.		

Akshata Pagare Senior Analyst (Biological) Reviewed & Authorised by

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by



Ooratory Services





sales@ashwamedh.net +91-253-2392225

ULR-TC550924000002477F

Sample ID: W/02/24/05

Report No. W/02/24/05

Report Date

06/02/2024

7-4

Akshata Pagare Senior Analyst (Biological) Reviewed & Authorised by



Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by

Note

1. The result listed refer only to the tested sample(s) and applicable parameter(s).

2. This report is not to be reproduced except in full, without written approval of the laboratory.

3. In case sampling is not done by laboratory, the results apply to the sample as received.

4. There are no additions to, deviations or exclusions from the method.









ULR-TC550924000000099F

TEST REPORT

		M(T)	
Sample ID: W/01/24/012	Report No. W/01/24/012	Report Date	06/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		•
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Khed Village - Borewell	Date - Sampling	31/12/2023
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	01/01/2024
Sampling Procedure	IS 1622:1981 & IS 3025(Part I):1987 & APHA 23rd Ed.2017, 1060 B,1-40, 9060 A,9-36 & 9060 B,9-39 & ISO 19458:2006	Date - Start of Analysis	01/01/2024
Order Reference	W.O. No. 23-24/1CO035 dated 02.12.2023	Date - Completion of Analysis	05/01/2024

Sr.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
Chem	ical Testing; Group: Water, F	Residues in Wat			
Physi	cal & Chemical Parameters				
1	Colour	1	Max. 5	Hazen units	IS 3025 (Part 4):1983
2	Odour	Agreeable	Agreeable	-	IS 3025 (Part 5):2018
3	pH value (at 25°C)	7.67	6.5-8.5	-	IS 3025 (Part II): 1983
4	Turbidity	0.22	Max. 1	NTU	IS 3025 (Part 10):1984
5	Total Dissolved Solids	564	Max.500	mg/L	IS 3025 (Part 16): 1984
6	Calcium (as Ca)	60.9	Max. 75	mg/L	IS 3025 (Part 40): 1991
7	Chloride (as CI)	77	Max. 250	mg/L	IS 3025 (Part 32):1988
8	Fluoride (as F)	0.8	Max.1.0	mg/L	IS 3025 (Part 60)
9	Free Residual Chlorine	BLQ (LOQ:0.05)	Min.0.2	mg/L	APHA, 23rd Ed., 4500-CI-G, 4-72
10	Iron (as Fe)	BLQ (LOQ:0.06)	Max.1.0	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
11	Magnesium (as Mg)	34.9	Max. 30	mg/L	IS 3025 (Part 46): 1994
12	Nitrate (as NO ₃)	34.4	Max.45	mg/L	APHA, 23rd Ed., 4500-NO3 8-4-127
13	Sulphate (as SO ₄)	46.1	Max. 200	mg/L	IS 3025 (Part 24)
14	Total Hardness (as CaCO ₃)	296	Max. 200	mg/L	IS 3025 (Part 21): 1983
15	Total Phosphate (as P)	BLQ (LOQ:0.1)	Not specified	mg/L	APHA, 23rd Ed., 4500 P.E. 4-164
16	Silica (as SiO ₂)	12	Not specified	mg/L	IS 3025 (Part 35): 1988
Biolog	ical Testing; Group: Water				
Bacte	riological Parameters				
17	Total Coliforms	Absent	Not specified	/100ml	APHA, 23rd Ed., 9221-D, 9-75 P-A Coliform test: 201
BLQ:Be	elow Limit of Quantification, LO	Q:Limit of Quanti	fication.		The state of the s

Sonali Kapse
Section In-charge (Biological)
Reviewed & Authorised by

End of Report

Services Division

Saanvi Dalal Section In-charge (Chemical) Reviewed & Authorised by







ULR-TC550924000000099F

Sample ID: W/01/24/012

Report No. W/01/24/012

Report Date

06/01/2024

Sonali Kapse

Section In-Charge (Biological) Reviewed & Authorised by



Saanvi Dalal
Section In-charge (Chemical)
Reviewed & Authorised by

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

ULR-TC550924000000100F

TEST REPORT

Sample ID: W/01/24/013	Report No. W/01/24/013	Report Date	06/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd. A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Lohara Village - Borewell	Date - Sampling	31/12/2023
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	01/01/2024
Sampling Procedure	IS 1622:1981 & IS 3025(Part I):1987 & APHA 23rd Ed.2017, 1060 B,1-40, 9060 A,9-36 & 9060 B,9-39 & ISO 19458:2006	Date - Start of Analysis	01/01/2024
Order Reference	W.O. No. 23-24/1C0035 dated 02.12.2023	Date - Completion of Analysis	05/01/2024

Sr.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
Chem	nical Testing; Group: Water, I	Residues in Wat			
Physi	cal & Chemical Parameters				
1	Colour	1	Max. 5	Hazen units	IS 3025 (Part 4):1983
2	Odour	Agreeable	Agreeable	-	IS 3025 (Part 5):2018
3	pH value (at 25°C)	8.16	6.5-8.5		IS 3025 (Part II): 1983
4	Turbidity	0.26	Max. 1	NTU	IS 3025 (Part 10):1984
5	Total Dissolved Solids	1222	Max.500	mg/L	IS 3025 (Part 16): 1984
6	Calcium (as Ca)	112	Max. 75	mg/L	IS 3025 (Part 40): 1991
7	Chloride (as CI)	252	Max. 250	mg/L	IS 3025 (Part 32):1988
8	Fluoride (as F)	1.4	Max.1.0	mg/L	IS 3025 (Part 60)
9	Free Residual Chlorine	BLQ (LOQ:0.05)	Min.0.2	mg/L	APHA, 23rd Ed., 4500-CI-G, 4-72
10	Iron (as Fe)	0.102	Max.1.0	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
11	Magnesium (as Mg)	58	Max. 30	mg/L	IS 3025 (Part 46): 1994
12	Nitrate (as NO ₃)	5.45	Max.45	mg/L	APHA, 23rd Ed., 4500-NO3 8-4-127
13	Sulphate (as SO ₄)	155	Max. 200	mg/L	IS 3025 (Part 24)
14	Total Hardness (as CaCO ₃)	520	Max. 200	mg/L	IS 3025 (Part 21): 1983
15	Total Phosphate (as P)	BLQ (LOQ:0.1)	Not specified	mg/L	APHA, 23rd Ed., 4500 P.E. 4-164
16	Silica (as SiO ₂)	15	Not specified	mg/L	IS 3025 (Part 35): 1988
Biolog	ical Testing; Group: Water				AND SECURITY AND STOCK STATE SECURITY
Bacter	riological Parameters				
17	Total Coliforms	Absent	Not specified	/100ml	APHA, 23rd Ed., 9221-D, 9-75 P-A Coliform test: 20
3LQ:Be	elow Limit of Quantification, LOC	:Limit of Quantif	fication	STREET, STREET	

Section In-charge (Biological) Reviewed & Authorised by

odh Engineers & End of Report alory Services

Saanvi Dalal Section In-charge (Chemical) Reviewed & Authorised by







ULR-TC550924000000100F

Sample ID: W/01/24/013

Report No. W/01/24/013

Report Date

06/01/2024

Sonali Kapse
Section In-Charge (Biological)
Reviewed & Authorised by



Saanvi Dalai Section In-charge (Chemical) Reviewed & Authorised by

- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/02/24/0571	Report No.: N/02/24/0571	Report Date	29/02/2024
Name and Address of Customer	Lokmangal Mauli Industries ltd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-4136(Maharashtra	98,	
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	As per JO No.23-24/1C000035 JO date on 02/12/2023	Date of Monitoring	24/02/2024

Sr. No.	Location	Time (h)	Result Noise Level dB (A)	Method	
1	Near Pailing House	01:00	75.8		
1	Near Boiling House	22:40	73.2		
2		01:20	79.2	CPCB Protocal for Ambient Level Noise Manitoring, July:2015	
2	Near Mill House	22:50	70.9	Est of Holde Maintering, easy, 2011	
3	Near Turbine	01:40	77.6		
3		23:00	74.1		
		Limit			
	Permissible Expos	ure Period as Per Mah Schedule XXIV T	arashtra Factories Rules able 1	,1963,	
Т	otal hours of sound exposure p	er day	Level		
	Hours		dB(A)		
	8		90		
	6		92		





4





1. The result listed refers only to the tested sample(s) and applicable parameter(s).

2. This report is not to be reproduced except in full, without written approval of the laboratory.

3. In case sampling is not done by laboratory, the results apply to the sample as received.

4. There are no additions to, deviation or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/02/24/0570	Report No.: N/02/24/0570	Report Date	29/02/2024
Name and Address of Customer	Lokmangal Mauli Industries ltd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-4136 Maharashtra	08,	
Monitoring Done By	Laboratory	Sample Description / Type	Ambient Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date of Monitoring	24/02/2024

Location	Time (h)	Results Noise Level dB (A) Fast Response	Results Noise Level dB (A) Slow Response	Method		
A. Near Main Gate	10:30	65.2	66.7	CPC8 Protocol for Ambient		
	22:40	59.7	64.4	Level Noise Manitoring, July:2015		
	*	Limits		10		
As		lution (Regulation & C Rules 3 (1) and 4(1))				
Area Type	Limits in dB (A) weighted scale					
Area Type	Da	ay (6 a.m. to 10 p.m.) Night		10 p.m. to 6 a.m.)		
Industrial		75		70		

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





-End of Report

- 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviation or exclusions from the method.







sales@ashwamedh.net +91-253-2392225

NOISE LEVEL MEASUREMENT REPORT

Report No.: N/02/24/3605N	Report Date	29/02/2024
Lokmangal Mauli Industries Itd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Laboratory	Sample Description /Type	DG Noise
As per JO No.23-24/1C000035 JO date on 02/12/2023	Date-Monitoring	24/02/2024
	Lokmangal Mauli Industries Itd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra Laboratory As per JO No.23-24/1C000035 JO date	Lokmangal Mauli Industries Itd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra Laboratory As per JO No.23-24/1C000035 JO date Date: Monitoring

Sr.	Lasstian		Sou	nd Level dB	(A) Fast Respo	onse	D://
No.	Location	Time (h)	A	Inside	В	Outside	Difference
		03:00	A1	97.7	A2	72.5	25.2 25.0
		03:05	B1	96.9	B2	71.9	25.0
1.	DG SET 1010 KVA I	03:10	C1	98.4	C2	73.3	25.1
		03:15	D1	97.5	D2	72.5	25.0
			Average	97.6	Average	72.5	25.0

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by



End of Report

- 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviation or exclusions from the method.





sales@ashwamedh.net +91-253-2392225

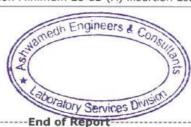
NOISE LEVEL MEASUREMENT REPORT

Report No.: N/02/24/3606N	29/02/2024	
Lokmangal Mauli Industries Itd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Laboratory	Sample Description /Type	DG Noise
As per JO No.23-24/1C000035 JO date on 02/12/2023	Date-Monitoring	24/02/2024
	Lokmangal Mauli Industries Itd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra Laboratory As per JO No.23-24/1C000035 JO date	Lokmangal Mauli Industries Itd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra Laboratory As per JO No.23-24/1C000035 JO date Date-Monitoring

Sr. No.	Location		Sound Level dB (A) Fast Response			Diff		
		Time (h)	Α	Inside	В	Outside	Difference	
			03:40	A1	97.4	A2	72.4	25.0
	***************************************	03:45	B1	96.5	B2	71.3	25.2	
1.	DG SET 1010 KVA II	03:50	C1	97.9	C2	72.8	25.1	
"		03:55	D1	98.6	D2	73.6	25.0	
			-Average	97.6	Average	72.5	25.0	

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviation or exclusions from the method.







sales@ashwamedh.net +91-253-2392225

NOISE LEVEL MEASUREMENT REPORT

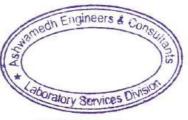
Sample ID: N/02/24/09	Report No.: N/02/24/09	Report Date	05/02/2024
Name and Address of Customer	Lokmangal Mauli Industries ltd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-4136(Maharashtra	08,	
Monitoring Done By	Laboratory	Sample Description /Type	Workplace Noise
Order Reference	As per JO No.23-24/1C000035 JO date on 02/12/2023	Date of Monitoring	30/01/2024

Sr. No.	Location	Time (h)	Result Noise Level dB (A)	Method
1	Near Poiling House	12:00	80.4	
1	Near Boiling House	22:20	76.4	
2	Near Mill House	12:15	75.2	CPCB Protocol for Ambient Level Noise Monitoring, July:2015
2		22:35	72.6	Cover Holas Platitioning, daily.201
3	NT	12:40	73.8	
3	Near Turbine	22:50	70.2	
		Limit	-	
	Permissible Expos	ure Period as Per Maha Schedule XXIV T	arashtra Factories Rules able 1	,1963,
Т	otal hours of sound exposure p	er day	Level	
Hours			dB(A)	
	8		90	
	6		92	·

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by



4



95

-- End of Report-

- 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviation or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/02/24/08	Report No.: N/02/24/08	Report Date	05/02/2024
Name and Address of Customer	Lokmangal Mauli Industries ltd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-4136 Maharashtra	08,	
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
As per JO No.23-24/1C000035 JO date on 02/12/2023		Date of Monitoring	30/01/2024

Location	Time (h)	Results Noise Level dB (A) Fast Response	Results Noise Level dB (A) Slow Response	Method	
A. Near Main Gate	10:10	64.8	65.1	CPCB Protocol for Ambient	
	22:20	59.4	60.7	- Level Noise Monitoring, July:2015	
		Limits			
As		lution (Regulation & C Rules 3 (1) and 4(1))			
Limits in dB (A) weighted scale					
Area Type	Da	y (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a.m.)	
Industrial		75			

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





End of Report

- 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviation or exclusions from the method.







sales@ashwamedh.net +91-253-2392225

NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/02/24/3001	Report No.: N/02/24/3001N	Report Date	05/02/2024
Name and Address of Customer	Lokmangal Mauli Industries Itd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	DG Noise
Order Reference	As per JO No.23-24/1C000035 JO date on 02/12/2023	Date-Monitoring	30/01/2024

Sr. No.	Location		Sou	Sound Level dB (A) Fast Response			Diff
		Time (h)	Α	Inside	В	Outside	Difference
		03:00	A1	97.7	A2	72.5	25.2
		03:05	B1	96.8	B2	71.7	25.1
1.	DG SET 1010 KVA I	03:10	C1	98.5	C2	73.5	25.0
		03:15	D1	97.6	D2	72.5	25.1
			Average	97.6	Average	72.5	25.1

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviation or exclusions from the method.





sales@ashwamedh.net +91-253-2392225

NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/02/24/3002	Report No.: N/02/24/3002N	05/02/2024	
Name and Address of Customer	Lokmangal Mauli Industries Itd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra	·	
Monitoring Done By	Laboratory	Sample Description /Type	DG Noise
Order Reference	As per JO No.23-24/1C000035 JO date on 02/12/2023	Date-Monitoring	30/01/2024

Sr. No.		~	Sou	Sound Level dB (A) Fast Response			Difference
	Location	Time (h)	Α	Inside	В	Outside	Difference
		03:40	A1	97.4	A2	72.3	25.1
	DG SET 1010 KVA	03:45	B1	98.5	B2	73.5	25.0
1.		03:50	C1	96.7	C2	71.7	25.0
		03:55	D1	97.3	D2	72.1	25.2
		Average	97.4	Average	72.3	25.0	

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





-End of Report---

- 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviation or exclusions from the method.







sales@ashwamedh.net +91-253-2392225

NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/01/24/012	Report No.: N/01/24/012	Report Date	04/01/2024
Name and Address of Customer	Lokmangal Mauli Industries ltd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-4136 Maharashtra	08,	77
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date of Monitoring	30/12/2023

Location	Time (h)	Results Noise Level dB (A) Fast Response	Results Noise Level dB (A) Slow Response	Method
A. Near Main Gate	10:00	67.0	61.8	CPCB Protocal for Ambient Level Naise Monitoring, July
	22:40	59.2	57.3	AEC/C/SAP/SAM/358 36, Issue no.:4, Issue date 01.04.2018
		Limits		
As		lution (Regulation & C (Rules 3 (1) and 4(1))		
Limits in dB (A) weighted scale				
Area Type	Da	Day (6 a.m. to 10 p.m.)		10 p.m. to 6 a.m.)
Industrial		75		

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





-End of Report-

- 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviation or exclusions from the method.









sales@ashwamedh.net +91-253-2392225

NOISE LEVEL MEASUREMENT REPORT

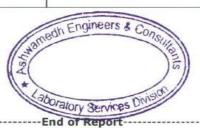
Sample ID: N/01/24/013	Report No.: N/01/24/013	Report Date	04/01/2023
Name and Address of Customer	Lokmangal Mauli Industries ltd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-41360 Maharashtra	08,	
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	As per JO No.23-24/1C000035 JO date on 02/12/2023	Date of Monitoring	30/12/2023

Sr. No.	Location	Time (h)	Result Noise Level dB (A)	Method	
	Near Poiling House	11:00	77.4		
1	Near Boiling House	22:15	72.4	CPCB Protocol for Ambient Leve	
2	Near Mill House	01:15	80.2	Noise Monitoring, July AEC/C/SAP/SAM/356 36, Issue	
		22:30	71.6	no::4, Issue date 01.04.2018	
3	Near Turbine	01:25	72.6		
3		22:40	70.8		
	oh .	Limit	/h		
	Permissible Expos	ure Period as Per Maha Schedule XXIV T	arashtra Factories Rules, able 1	1963,	
7	otal hours of sound exposure p	er day	Level		
	Hours		dB(A)		
	8		90		

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by



4



92

95

- 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviation or exclusions from the method.







NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/01/24/3001	Report No.: N/01/24/3001N	Report Date	04/01/2024
Name and Address of Customer	Lokmangal Mauli Industries Itd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra	·	
Monitoring Done By	Laboratory	Sample Description /Type	DG Noise
Order Reference	As per JO No.23-24/1C000035 JO date on 02/12/2023	Date-Monitoring	30/12/2023

Sr.	Location		Sou	nd Level dB	(A) Fast Respo	onse	25.1 25.0 25.2 25.0
No.	Location	Time (h)	Α	Inside	В	Outside	
		12:30	A1	97.8	A2	72.7	25.1 25.0 25.2
			12:35	B1	96.5	B2	71.5
1.	DG SET 1010 KVA I	12:40	C1	97.7	C2	72.5	25.2
		12:45	D1	98.5	D2	73.5	25.0
			Average	97.6	Average	72.5	25.0

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviation or exclusions from the method.





sales@ashwamedh.net +91-253-2392225

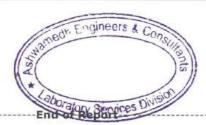
NOISE LEVEL MEASUREMENT REPORT

Report No.: N/01/24/3002N	Report Date	04/01/2024
Lokmangal Mauli Industries Itd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		ii ii
Laboratory	Sample Description /Type	DG Noise
As per JO No.23-24/1C000035 JO date on 02/12/2023	Date-Monitoring	30/12/2023
	Lokmangal Mauli Industries ltd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra Laboratory As per JO No.23-24/1C000035 JO date	Lokmangal Mauli Industries Itd A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra Laboratory As per JO No.23-24/1C000035 JO date Date-Monitoring

Sr.	Location		Sou	nd Level dB	(A) Fast Respo	onse	Diff
No.	Location	Time (h)	A	Inside	В	Outside	Difference
		12:30	A1	97.6	A2	72.6	25.0
		12:35	B1	98.6	B2	73.5	25.1
1.	DG SET 1010 KVA	12:40	C1	97.4	C2	72.4	25.0
		12:45	D1	96.9	D2	71.7	25.1
			Average	97.6	Average	72.5	25.0

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviation or exclusions from the method.







sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID: S/02/24/0359	Report No. S/02/24/0359	Report Date	02/03/2024	
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra			
Sampling done by	Laboratory	Sample Description / Type	Soil	
Sampling Location	Khed Village	Date - Sampling	25/02/2024	
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	27/02/2024	
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	27/02/2024	
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024	

Sr. No.	Parameter	Result	Unit	Method
Che	mical Testing; Group: Pollution & Envi	ronment		
1	pH (1:5 suspension at 25°C)	7.72	A-	FAO, Sec. III, I, Page no.65: 1976
2	Electrical Conductivity (1:5 suspension, 25°C)	0.212	mmhos/cm	FAD, Sec. III, 5, Page no. 85 : 1976
3	Moisture Content	6.1	% by Weight	Dept. of Agriculture & Coopration, Ministry of Agriculture, Govt of India, Jan 2011
4	Organic Matter	1.41	%	FAD, Sec. III, 3, Page no.73: 1976
5	Total Nitrogen (as N)	78.2	mg/kg	FAD, Sec III.4. Page No. 78: 1976
6	Total Potassium (as K)	1186	mg/kg	USEPA/SW 846/7000B
7	Calcium (as Ca)	7142	mg/kg	USEPA/SW 846/6010C
8	Sodium (as Na)	391	mg/kg	USEPA/SW 846/7000B
9	Chloride (as CI)	88.6	mg/kg	AEC/C/SAP/S-7
10	Sulphate (as SO ₄)	68.4	mg/kg	USEPA/SW 846/9038

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/02/24/0359 bears two Test Reports - S/02/24/0359 and S/02/24/0359N

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.







sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : S/02/24/0359	Report No. S/02/24/0359N	Report Date	02/03/2024	
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra			
Sampling done by	Laboratory	Sample Description / Type	Soil	
Sampling Location	Khed Village	Date - Sampling	25/02/2024	
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	27/02/2024	
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	27/02/2024	
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024	

Sr. No.	Parameter	Result	Unit	Method	
Che	mical Testing; Group: Pollution & Env	rironment			
1	Magnesium (as Mg)	2.5	mg/kg	AEC/C/SAP/S-IO	

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/02/24/0359 bears two Test Reports - S/02/24/0359 and S/02/24/0359N

the

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.







sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID: S/02/24/0360	Report No. S/02/24/0360	Report Date	02/03/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Soil
Sampling Location	Lohara Village	Date - Sampling	25/02/2024
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	27/02/2024
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	27/02/2024
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

Sr. No.	Parameter	Result	Unit	Method
Che	mical Testing; Group: Pollution & Envi	ronment		The second secon
1	pH (1:5 suspension at 25°C)	7.6	-	FAO, Sec. III, I, Page no.65: 1976
2	Electrical Conductivity (1:5 suspension, 25°C)	0.213	mmhos/cm	FAD, Sec. III, 5, Page no. 85 : 1976
3	Moisture Content	7.13	% by Weight	Dept. of Agriculture & Coopration, Ministry of Agriculture, Govt of India, Jan 2011
4	Organic Matter	1.26	%	FAO, Sec. III, 3, Page no.73: 1976
5	Total Nitrogen (as N)	71.1	mg/kg	FAD, Sec III.4. Page No. 78: 1976
6	Total Potassium (as K)	1278	mg/kg	USEPA/SW 846/7000B
7	Calcium (as Ca)	4927	mg/kg	USEPA/SW 846/60IDC
8	Sodium (as Na)	616	mg/kg	USEPA/SW 846/70008
9	Chloride (as CI)	123	mg/kg	AEC/C/SAP/S-7
10	Sulphate (as SO ₄)	96	mg/kg	USEPA/SW 846/9038

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/02/24/0360 bears two Test Reports - S/02/24/0360 and S/02/24/0360N

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.







TEST REPORT

Sample ID: S/02/24/0360	Report No. S/02/24/0360N	Report Date	02/03/2024	
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra			
Sampling done by	Laboratory	Sample Description / Type	Soil	
Sampling Location	Lohara Village	Date - Sampling	25/02/2024	
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	27/02/2024	
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	27/02/2024	
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024	

lo. Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Envir	onment	ALTERNATION OF	
1 Magnesium (as Mg)	1.99	mg/kg	AEC/C/SAP/S-ID

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/02/24/0360 bears two Test Reports - S/02/24/0360 and S/02/24/0360N

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.







sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : S/02/24/09	Report No. S/02/24/09	Report Date	09/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Soil
Sampling Location	Lohara Village	Date - Sampling	30/01/2024
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	01/02/2024
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	01/02/2024
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	08/02/2024

Sr. No.	Parameter	Result	Unit	Method
Cher	mical Testing; Group: Pollution & Envi	ronment		
1	pH (1:5 suspension at 25°C)	7.93	-	FAD, Sec. III, I. Page no.65: 1976
2	Electrical Conductivity (1:5 suspension, 25°C)	0.151	mmhos/cm	FAO, Sec. III, 5, Page no. 85 : 1976
3	Moisture Content	7.23	% by Weight	Dept. of Agriculture & Coopration, Ministry of Agriculture, Govt of India, Jan 2011
4	Organic Matter	1.39	%	FAO. Sec. III, 3, Page no.73: 1976
5	Total Nitrogen (as N)	69.8	mg/kg	FAO. Sec III.4. Page No. 78: 1976
6	Total Potassium (as K)	1094	mg/kg	USEPA/SW 846/70008
7	Sodium (as Na)	392	mg/kg	USEPA/SW 846/70008
8	Chloride (as Cl)	88.2	mg/kg	AEC/C/SAP/S-7
9	Sulphate (as SO ₄)	61.2	mg/kg	USEPA/SW 846/9038

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/02/24/09 bears two Test Reports - S/02/24/09 and S/02/24/09N

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- There are no additions to, deviations or exclusions from the method.







sales@ashwamedh.net +91-253-2392225

TEST REPORT

		2027	
Sample ID : S/02/24/09	Report No. S/02/24/09N	Report Date	09/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		•
Sampling done by	Laboratory	Sample Description / Type	Soil
Sampling Location	Lohara Village	Date - Sampling	30/01/2024
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	01/02/2024
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	01/02/2024
Order Reference	JO No. 23-24/1C000035 dated 02.12.2023	Date - Completion of Analysis	08/02/2024

Sr. No.	Parameter	Result	Unit	Method
Che	mical Testing; Group: Pollution & En	vironment	•	
1	Calcium (as Ca)	586722	mg/kg	USEPA/SW 846/6010C
2	Magnesium (as Mg)	1.99	mg/kg	AEC/C/SAP/S-10

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/02/24/09 bears two Test Reports - S/02/24/09 and S/02/24/09N

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.







TEST REPORT

Sample ID : S/02/24/08	Report No. S/02/24/08	Report Date	09/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Soil
Sampling Location	Khed Village	Date - Sampling	30/01/2024
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	01/02/2024
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	01/02/2024
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	08/02/2024

Sr. No.	Parameter	Result	Unit	Method
Cher	mical Testing; Group: Pollution & Env	ironment		
1	pH (1:5 suspension at 25°C)	7.48	(-	FAO. Sec. III, I, Page no.65: 1976
2	Electrical Conductivity (1:5 suspension, 25°C)	0.183	mmhos/cm	FAD, Sec. III, 5, Page no. 85 : 1976
3	Moisture Content	7.03	% by Weight	Dept. of Agriculture & Coopration, Ministry of Agriculture, Govt of India, Jan 2011
4	Organic Matter	1.62	%	FAD. Sec. III, 3, Page no.73; 1976
5	Total Nitrogen (as N)	78.2	mg/kg	FAD, Sec III.4. Page No. 78: 1976
6	Total Potassium (as K)	1838	mg/kg	USEPA/SW 846/7000B
7	Calcium (as Ca)	402648	mg/kg	USEPA/SW 846/6010C
8	Sodium (as Na)	263	mg/kg	USEPA/SW 846/70008
9	Chloride (as CI)	106	mg/kg	AEC/C/SAP/S-7
10	Sulphate (as SO ₄)	52.2	mg/kg	USEPA/SW 846/9038

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/02/24/08 bears two Test Reports - S/02/24/08 and S/02/24/08N

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.







sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID: S/02/24/08	Report No. S/02/24/08N	Report Date	09/02/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Soil
Sampling Location	Khed Village	Date - Sampling	30/01/2024
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	01/02/2024
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	01/02/2024
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	08/02/2024

Sr. No.	Parameter	Result	Unit	Method
Chemica	l Testing; Group: Pollution & En	vironment	•	
1 Ma	agnesium (as Mg)	2.98	mg/kg	AEC/C/SAP/S-IO

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/02/24/08 bears two Test Reports - S/02/24/08 and S/02/24/08N

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.







TEST REPORT

Sample ID: S/01/24/05	Report No. S/01/24/05	Report Date	09/01/2024	
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra			
Sampling done by	Laboratory	Sample Description / Type	Soil	
Sampling Location	Lohara Village	Date - Sampling	30/12/2023	
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	01/01/2024	
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	01/01/2024	
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	08/01/2024	

Sr. No.	Parameter	Result	Unit	Method
Cher	mical Testing; Group: Pollution & En	vironment		
1	pH (1:5 suspension at 25°C)	9.47		FAD, Sec. III, I, Page no.65
2	Electrical Conductivity (1:5 suspension, 25°C)	0.786	mmhos/cm	FAD, Sec. III, 5, Page no. 85
3	Moisture Content	8.23	% by Weight	Dept. of Agriculture & Coopration, Ministry of Agriculture, Govt of India, Jan 2011
4	Organic Matter	BLQ (LOQ:1)	%	FAO. Sec. III, 3. Page no.73
5	Total Nitrogen (as N)	81.1	mg/kg	FAO, Sec III, 4, Page No. 78
6	Total Potassium (as K)	1530	mg/kg	USEPA/SW 846/70008
7	Sodium (as Na)	2426	mg/kg	USEPA/SW 846/7000B
8	Chloride (as CI)	88.5	mg/kg	AEC/C/SAP/S-7
9	Sulphate (as SO ₄)	80.9	mg/kg	USEPA/SW 846/9038

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/01/24/05 bears two Test Reports - S/01/24/05 and S/01/24/05N

MSufer Ninad Soundankar

Technical Manager (Chemical) Reviewed & Authorised by



- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.







TEST REPORT

Sample ID : S/01/24/05	Report No. S/01/24/05N	Report Date	09/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Soil
Sampling Location	Lohara Village	Date - Sampling	30/12/2023
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	01/01/2024
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	01/01/2024
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	08/01/2024

Sr. No.	Parameter	Result	Unit	Method	
Che	mical Testing; Group: Pollution & Env	vironment			
1	Calcium (as Ca)	14.5	%	USEPA/SW 846/60IOC	
2 Magnesium (as Mg)		2	mg/kg	AEC/C/SAP/S-IO	

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/01/24/05 bears two Test Reports - S/01/24/05 and S/01/24/05N

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.







TEST REPORT

Sample ID: S/01/24/04	Report No. S/01/24/04	Report Date	09/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Soil
Sampling Location	Khed Village	Date - Sampling	30/12/2023
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	01/01/2024
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	01/01/2024
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	08/01/2024

Sr. No.	Parameter	Result	Unit	Method
Cher	mical Testing; Group: Pollution & Envi	ronment		
1	pH (1:5 suspension at 25°C)	8.23	•	FAO, Sec. III, I. Page no.65
2	Electrical Conductivity (1:5 suspension, 25°C)	0.319	mmhos/cm	FAO, Sec. III, 5, Page no. 85
3	Moisture Content	7.19	% by Weight	Dept. of Agriculture & Coopration, Ministry of Agriculture, Gov of India, Jan 2011
4	Organic Matter	1.83	%	FAO, Sec. III, 3, Page no.73
5	Total Nitrogen (as N)	69.8	mg/kg	FAO, Sec III, 4, Page No. 78
6	Total Potassium (as K)	2199	mg/kg	USEPA/SW 846/7000B
7	Sodium (as Na)	418	mg/kg	USEPA/SW 846/70008
8	Chloride (as CI)	115	mg/kg	AEC/C/SAP/S-7
9	Sulphate (as SO ₄)	72.8	mg/kg	USEPA/SW 846/9038

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/01/24/04 bears two Test Reports - S/01/24/04 and S/01/24/04N

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.







TEST REPORT

Sample ID: S/01/24/04	Report No. S/01/24/04N	Report Date	09/01/2024
Name and address of Customer	Lokmangal Mauli Industries Ltd A/P Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Soil
Sampling Location	Khed Village	Date - Sampling	30/12/2023
Sample Quantity / Packing	500 g x 1 no. paper bag	Date - Receipt of Sample	01/01/2024
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	01/01/2024
Order Reference	JO No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	08/01/2024

Sr. No.	Parameter	Result	Unit	Method
Che	mical Testing; Group: Pollution & En	vironment		
1	Calcium (as Ca)	26.3	%	USEPA/SW 846/6010C
2	Magnesium (as Mg)	1.50	mg/kg	AEC/C/SAP/S-IO

Note: All results are on air dry basis.

FAO: Food & Agriculture Organization, United Nations.

Sample ID S/01/24/04 bears two Test Reports - S/01/24/04 and S/01/24/04N

Ninad Soundankar Technical Manager (Chemical) Reviewed & Authorised by





- 1. The result listed refer only to the tested sample(s) and applicable parameter(s).
- 2. This report is not to be reproduced except in full, without written approval of the laboratory.
- 3. In case sampling is not done by laboratory, the results apply to the sample as received.
- 4. There are no additions to, deviations or exclusions from the method.

