

Test Report for Ambient Air Quality



ULR- TC824123000001283

Report No.

PCS/AAQ/01/2023

Reference No.

PCS/L&T/04/2023

Issue Date

21/08/2023

1. Name of Industry & Address	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut, 245206 UP				
2. Type of Industry :	Construction	7. Method of Sampling:	PCS/WI/SAMP/20		
3. Sampling Location:	Camp-1 Concrete Plant 120, Vill.- Atola	8. Date of Monitoring :	08/08/2023-12/08/2023		
4. Monitoring done by:	Mr. Vipin & Mr. Sunil	9. Sample Receipt in Lab:	12/08/2023		
5. Weather Condition :	Clear Sky	10. Date of Analysis:	12/08/2023- 16/08/2023		
6. Lab Code:	PCS23/77/941	11. Sample Analyzed By:	Mr. Rohit Yadav		

Sl. No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	88.9	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS: 5182 (Part-24) :2019	49.1	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	16.2	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	29.4	80

*NAAQS CPCB Notification, dated 18.11.2009

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 3. The report shall not be used for any other purpose than declared by the Sponsor
 4. Prakriti Consultants Services is not regulatory agency hence no part of this report should be used for legal purpose under any circumstances.
 5. No deviation as per the Standard Method.

Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Ambient Air Quality

ULR- TC824123000001284



Report No.		Reference No.		Issue Date	
PCS/AAQ/02/2023		PCS/L&T/04/2023		21/08/2023	
1. Name of Industry & Address		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School, Atola,Dist. Meerut,245206 Uttar Pradesh			
2.Type of Industry :		Construction	7.Method of Sampling:	PCS/WI/SAMP/20	
3.Sampling Location:		Camp-1 Office Area, Vill.-Atola	8.Date of Monitoring :	08/08/2023-12/08/2023	
4. Monitoring done by:			9.Sample Receipt in Lab:	12/08/2023	
5. Weather Condition :			10.Date of Analysis:	12/08/2023– 16/08/2023	
6.Lab Code:			11.Sample Analyzed By:	Mr. Rohit Yadav	
Sl. No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	90.5	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	47.2	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	12.5	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	24.9	80

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Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Ambient Air Quality

ULR- TC824123000001285



Report No. PCS/AAQ/03/2023	Reference No. PCS/L&T/04/2023	Issue Date 21/08/2023
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1. Name of Industry & Address	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut, 245206 Uttar Pradesh		
2. Type of Industry :	Construction	7. Method of Sampling:	PCS/WI/SAMP/20
3. Sampling Location:	Camp-1 WMM Plant, Vill.- Atola	8. Date of Monitoring :	08/08/2023-12/08/2023
4. Monitoring done by:	Mr. Vipin & Mr. Sunil	9. Sample Receipt in Lab:	12/08/2023
5. Weather Condition :	Clear Sky	10. Date of Analysis:	12/08/2023- 16/08/2023
6. Lab Code:	PCS23/77/942	11. Sample Analyzed By:	Mr. Rohit Yadav

Sl.No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	94.1	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	54.8	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	16.1	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	28.4	80

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Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

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Test Report for Ambient Air Quality

ULR- TC824123000001286



Report No.		Reference No.		Issue Date	
PCS/AAQ/4/2023		PCS/L&T/04/2023		21/08/2023	
1. Name of Industry & Address		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut, 245206 UP			
2.Type of Industry :		Construction	7.Method of Sampling:	PCS/WI/SAMP/20	
3.Sampling Location:		CH-17+727 MJB Atrada	8.Date of Monitoring :	08/08/2023-12/08/2023	
4. Monitoring done by:		Mr. Vipin & Mr. Sunil	9.Sample Receipt in Lab:	12/08/2023	
5. Weather Condition :		Clear Sky	10.Date of Analysis:	12/08/2023– 16/08/2023	
6.Lab Code:		PCS23/77/943	11.Sample Analyzed By:	Mr. Rohit Yadav	
Sl. No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	88.5	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	43.2	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	12.1	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	27.5	80

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Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Ambient Air Quality

ULR- TC824123000001287



Report No. PCS/AAQ/05/2023	Reference No. PCS/L&T/04/2023	Issue Date 21/08/2023
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1. Name of Industry & Address	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp.jai Doon Public School, Atola, Dist. Meerut, 245206 Uttar Pradesh		
2. Type of Industry :	Construction	7. Method of Sampling:	PCS/WI/SAMP/20
3. Sampling Location:	CH-19+700 Box Culvert Atola (School)	8. Date of Monitoring :	08/08/2023-12/08/2023
4. Monitoring done by:	Mr. Vipin & Mr. Sunil	9. Sample Receipt in Lab:	12/08/2023
5. Weather Condition :	Clear Sky	10. Date of Analysis:	12/08/2023- 16/08/2023
6. Lab Code:	PCS23/77/944	11. Sample Analyzed By:	Mr. Rohit Yadav

Sl. No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	89.4	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	46.2	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	17.5	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	26.1	80

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(Dr. Divya Misra)
Managing Director

“End of this Test Report”

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Test Report for Ambient Air Quality

ULR- TC824123000001288



Report No. PCS/AAQ/06/2023	Reference No. PCS/L&T/04/2023	Issue Date 21/08/2023
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1. Name of Industry & Address	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp.jai Doon Public School, Atola, Dist. Meerut, 245206 Uttar Pradesh		
2. Type of Industry :	Construction	7. Method of Sampling:	PCS/WI/SAMP/20
3. Sampling Location:	CH-19+941 FO Atola	8. Date of Monitoring :	08/08/2023-12/08/2023
4. Monitoring done by:	Mr. Vipin & Mr. Sunil	9. Sample Receipt in Lab:	12/08/2023
5. Weather Condition :	Clear Sky	10. Date of Analysis:	12/08/2023- 16/08/2023
6. Lab Code:	PCS23/77/945	11. Sample Analyzed By:	Mr. Rohit Yadav

Sl. No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	86.2	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	45.8	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	15.1	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	24.7	80

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(Dr. Divya Misra)
Managing Director

“End of this Test Report”

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Test Report for Ambient Air Quality

ULR- TC824123000001289



Report No.		Reference No.		Issue Date	
PCS/AAQ/07/2023		PCS/L&T/04/2023		21/08/2023	
1. Name of Industry & Address		M/s Larsen and Toubro Limited,Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School,Atola,Dist. Meerut,245206 Uttar Pradesh			
2.Type of Industry :		Construction	7.Method of Sampling:	PCS/WI/SAMP/20	
3.Sampling Location:		CH-23+378 LVUP Loti	8.Date of Monitoring :	08/08/2023-12/08/2023	
4. Monitoring done by:		Mr. Vipin & Mr. Sunil	9.Sample Receipt in Lab:	12/08/2023	
5. Weather Condition :		Clear Sky	10.Date of Analysis:	12/08/2023– 16/08/2023	
6.Lab Code:		PCS23/77/946	11.Sample Analyzed By:	Mr. Rohit Yadav	
Sl. No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	93.1	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	47.8	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	16.0	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	26.5	80

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(Dr. Divya Misra)
Managing Director

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Test Report for Ambient Air Quality

ULR- TC824123000001290

Report No.		Reference No.		Issue Date	
PCS/AAQ/08/2023		PCS/L&T/04/2023		21/08/2023	
1. Name of Industry & Address		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School, Atola,Dist. Meerut,245206 Uttar Pradesh			
2.Type of Industry :		Construction	7.Method of Sampling:	PCS/WI/SAMP/20	
3.Sampling Location:		CH-28+159 LVUP	8.Date of Monitoring :	08/08/2023-12/08/2023	
		Madhavpur			
4. Monitoring done by:		Mr. Vipin & Mr. Sunil	9.Sample Receipt in Lab:	12/08/2023	
5. Weather Condition :		Clear Sky	10.Date of Analysis:	12/08/2023– 16/08/2023	
6.Lab Code:		PCS23/77/947	11.Sample Analyzed By:	Mr. Rohit Yadav	
Sl.No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	85.2	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	46.7	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	13.1	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	20.7	80

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Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Ambient Air Quality

ULR- TC824123000001291



Report No.		Reference No.		Issue Date	
PCS/AAQ/09/2023		PCS/L&T/04/2023		21/08/2023	
1. Name of Industry & Address		M/s Larsen and Toubro Limited,Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School,Atola,Dist. Meerut,245206 Uttar Pradesh			
2.Type of Industry :		Construction	7.Method of Sampling:	PCS/WI/SAMP/20	
3.Sampling Location:		Camp-2 Office Area	8.Date of Monitoring :	08/08/2023-12/08/2023	
		Thera			
4. Monitoring done by:		Mr. Vipin & Mr. Sunil	9.Sample Receipt in Lab:	12/08/2023	
5. Weather Condition :		Clear Sky	10.Date of Analysis:	12/08/2023– 16/08/2023	
6.Lab Code:		PCS23/77/948	11.Sample Analyzed By:	Mr. Rohit Yadav	
Sl. No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	92.6	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	44.2	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	15.8	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	23.4	80

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Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

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Test Report for Ambient Air Quality

ULR- TC824123000001292



Report No. PCS/AAQ/10/2023	Reference No. PCS/L&T/04/2023	Issue Date 21/08/2023
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1. Name of Industry & Address	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp. jai Doon Public School, Atola, Dist. Meerut, 245206 Uttar Pradesh		
2. Type of Industry :	Construction	7. Method of Sampling:	PCS/WI/SAMP/20
3. Sampling Location:	Camp-2 Concrete Plant 120 Thera	8. Date of Monitoring :	08/08/2023-12/08/2023
4. Monitoring done by:	Mr. Vipin & Mr. Sunil	9. Sample Receipt in Lab:	12/08/2023
5. Weather Condition :	Clear Sky	10. Date of Analysis:	12/08/2023- 16/08/2023
6. Lab Code:	PCS23/77/949	11. Sample Analyzed By:	Mr. Rohit Yadav

Sl.No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	88.8	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	46.1	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	15.0	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	24.5	80

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Authorized Signatory

(Dr. Divya Misra)
Managing Director

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Test Report for Ambient Air Quality

ULR- TC824123000001293



Report No. PCS/AAQ/11/2023	Reference No. PCS/L&T/04/2023	Issue Date 21/08/2023
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1. Name of Industry & Address	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp. jai Doon Public School, Atola, Dist. Meerut, 245206 Uttar Pradesh		
2. Type of Industry :	Construction	7. Method of Sampling:	PCS/WI/SAMP/20
3. Sampling Location:	Camp-2 HMP Plant Thera	8. Date of Monitoring :	08/08/2023-12/08/2023
4. Monitoring done by:	Mr. Vipin & Mr. Sunil	9. Sample Receipt in Lab:	12/08/2023
5. Weather Condition :	Clear Sky	10. Date of Analysis:	12/08/2023- 16/08/2023
6. Lab Code:	PCS23/77/950	11. Sample Analyzed By:	Mr. Rohit Yadav

Sl. No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	96.4	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	44.9	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	16.8	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	29.1	80

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Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Page 1 of 1

Test Report for Ambient Air Quality



TC-8241

ULR- TC824123000001294

Report No.		Reference No.		Issue Date		
PCS/AAQ/12/2023		PCS/L&T/04/2023		21/08/2023		
1. Name of Industry & Address		M/s Larsen and Toubro Limited,Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School,Atola,Dist. Meerut,245206 Uttar Pradesh				
2.Type of Industry :		Construction		7.Method of Sampling:		
3.Sampling Location:		Camp-3 Office Area		8.Date of Monitoring :		
		Vill-Piploti		PCS/WI/SAMP/20		
4. Monitoring done by:		Mr. Vipin & Mr. Sunil		08/08/2023-12/08/2023		
5. Weather Condition :		Clear Sky		12/08/2023		
6.Lab Code:		PCS23/77/951		10.Date of Analysis:		
				12/08/2023– 16/08/2023		
				11.Sample Analyzed By:		
				Mr. Rohit Yadav		
Sl. No.	Parameters	Unit	Method of Measurement		Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006		88.4	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019		46.9	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006		16.2	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006		25.8	80

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Managing Director

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Test Report for Ambient Air Quality

ULR- TC824123000001295



Report No. PCS/AAQ/13/2023	Reference No. PCS/L&T/04/2023	Issue Date 21/08/2023
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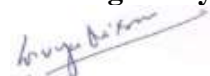
1. Name of Industry & Address	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp. jai Doon Public School, Atola, Dist. Meerut, 245206 Uttar Pradesh		
2. Type of Industry :	Construction	7. Method of Sampling:	PCS/WI/SAMP/20
3. Sampling Location:	Camp-3 Concrete Plant 65 Vill-Piploti	8. Date of Monitoring :	08/08/2023-12/08/2023
4. Monitoring done by:	Mr. Vipin & Mr. Sunil	9. Sample Receipt in Lab:	12/08/2023
5. Weather Condition :	Clear Sky	10. Date of Analysis:	12/08/2023- 16/08/2023
6. Lab Code:	PCS23/77/952	11. Sample Analyzed By:	Mr. Rohit Yadav

Sl. No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	86.7	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	46.4	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	16.8	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	27.2	80

*NAAQS CPCB Notification, dated 18.11.2009

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 5. No deviation as per the Standard Method.

Authorized Signatory



(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Ambient Air Quality

ULR- TC824123000001296



Report No. PCS/AAQ/14/2023	Reference No. PCS/L&T/04/2023	Issue Date 21/08/2023
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1. Name of Industry & Address	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School,Atola,Dist. Meerut,245206 Uttar Pradesh		
2.Type of Industry :	Construction	7.Method of Sampling:	PCS/WI/SAMP/20
3.Sampling Location:	Camp-3 PC Yard Vill-Piploti	8.Date of Monitoring :	08/08/2023-12/08/2023
4. Monitoring done by:	Mr. Vipin & Mr. Sunil	9.Sample Receipt in Lab:	12/08/2023
5. Weather Condition :	Clear Sky	10.Date of Analysis:	12/08/2023– 16/08/2023
6.Lab Code:	PCS23/77/953	11.Sample Analyzed By:	Mr. Rohit Yadav

Sl.No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	96.2	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	54.6	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	15.1	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	28.6	80

*NAAQS CPCB Notification, dated 18.11.2009

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Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Ambient Air Quality

ULR- TC824123000001297



Report No. PCS/AAQ/15/2023 **Reference No.** PCS/L&T/04/2023 **Issue Date** 21/08/2023

1. Name of Industry & Address	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School, Atola,Dist. Meerut,245206 Uttar Pradesh		
2.Type of Industry :	Construction	7.Method of Sampling:	PCS/WI/SAMP/20
3.Sampling Location:	CH: 62+000 LVUP, Vill.- Alamnagar (School)	8.Date of Monitoring :	08/08/2023-12/08/2023
4. Monitoring done by:	Mr. Vipin & Mr. Sunil	9.Sample Receipt in Lab:	12/08/2023
5. Weather Condition :	Clear Sky	10.Date of Analysis:	12/08/2023- 16/08/2023
6.Lab Code:	PCS23/77/954	11.Sample Analyzed By:	Mr. Rohit Yadav

Sl. No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	87.4	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	46.2	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	18.9	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	27.1	80

*NAAQS CPCB Notification, dated 18.11.2009

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Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Ambient Air Quality

ULR- TC824123000001298



Report No.		Reference No.		Issue Date	
PCS/AAQ/16/2023		PCS/L&T/04/2023		21/08/2023	
1. Name of Industry & Address		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School, Atola,Dist. Meerut,245206 Uttar Pradesh			
2.Type of Industry : 3.Sampling Location:		Construction CH: 66 +850 MJB, Vill.-Piploti	7.Method of Sampling: 8.Date of Monitoring :	PCS/WI/SAMP/20 08/08/2023-12/08/2023	
4. Monitoring done by:		Mr. Vipin & Mr. Sunil	9.Sample Receipt in Lab:	12/08/2023	
5. Weather Condition :		Clear Sky	10.Date of Analysis:	12/08/2023– 16/08/2023	
6.Lab Code:		PCS23/77/955	11.Sample Analyzed By:	Mr. Rohit Yadav	
Sl. No.	Parameters	Unit	Method of Measurement	Result	Standards*
1	Particulate Matter (PM ₁₀)	(µg/m ³)	IS: 5182 Part (23):2006	89.7	100
2	Particulate Matter (PM _{2.5})	(µg/m ³)	IS 5182 (Part-24) :2019	47.4	60
3	Sulphur Dioxide (SO ₂)	(µg/m ³)	IS : 5182 (Part-2):2006	15.9	80
4	Nitrogen Dioxide (NO ₂)	(µg/m ³)	IS: 5182 (Part 6):2006	25.7	80

*NAAQS CPCB Notification, dated 18.11.2009

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Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Ambient Noise Monitoring			
ULR- TC824123000001299			
Report No. PCS/ANQ/02/2023		Reference No. PCS/L&T/04/2023	
Issue Date 21/08/2023			
1. Name of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp.jai Doon Public School, Atola, Dist. Meerut, 245206 UP		
2.Type of Industry	Construction	7.Method of Sampling	PCS/WI/SAMP/20
3.Sampling Location	05 Locations	8.Date of Monitoring	08/08/2023-11/08/2023
4. Monitoring done by	Mr. Vipin & Mr. Sunil	9.Sample Receipt in Lab	12/08/2023
5. Weather Condition	Clear Sky	10.Date of Analysis	-
6.Lab Code	PCS23/77/962-966	11.Sample Analyzed By	Mr. Vipin
Reference Method: IS-9989, 1981		Noise Level leq dB(A)	Noise Level leq dB(A)
S. No.	Location	Day	Night
1	Camp-2 Concrete Plant 120, Thera	52.1	43.1
2	CH: 49+864 MNB, Bitra(School)	51.2	42.0
3	Camp-3 Office Area, Piploti	52.6	41.5
4	Camp-3 Concrete Plant 65, Piploti	50.8	42.8
5	Camp-3 PC yard, Piploti	51.9	43.2
* Standard (Ambient Noise)			
Industrial area		75	70
Commercial area		65	55
Residential area		55	45
Silence Zone		50	40

*The Noise Pollution (Regulation and Control) Rules, 2000

Note: - 1. Day time shall mean from 6.00 a.m. to 10.00 p.m.

2.Night time shall mean from 10.00 p.m. to 6.00 a.m.

3.Silence zone is an area comprising not less than 100 metres around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority

4.Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing. A "decibel" is a unit in which noise is measured.

"A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.

Authorized Signatory

(Dr. Divya Misra)
Managing Director

"End of this Test Report"



Test Report for Ambient Noise Monitoring

ULR- TC824123000001300

Report No.		Reference No.		Issue Date	
PCS/ANQ/01/2023		PCS/L&T/04/2023		21/08/2023	
1. Name of Industry		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School, Atola, Dist. Meerut,245206 UP			
2.Type of Industry		Construction		7.Method of Sampling	
3.Sampling Location		06 Locations		8.Date of Monitoring	
4. Monitoring done by		Mr. Vipin & Mr. Sunil		9.Sample Receipt in Lab	
5. Weather Condition		Clear Sky		10.Date of Analysis	
6.Lab Code		PCS23/77/956-961		11.Sample Analyzed By	
				Mr. Vipin	
	Reference Method: IS-9989, 1981		Noise Level leq dB(A)		Noise Level leq dB(A)
S. No.	Location		Day		Night
1.	Camp-1 Concrete Plant 120, Vill-Atola		52.5		43.2
2.	Camp-1 WMM Plant, Vill- Atola		54.2		44.6
3.	CH: 17+ 727 MJB, Vill- Atrada		53.1		40.8
4.	CH: 19+ 700 Box Culvert, Vill-Atola (School)		54.2		41.1
5.	CH: 23+ 378 LVUP, Vill- Loti		53.8		43.2
6.	Camp-2 Office Area, Thera		52.6		42.4
* Standard (Ambient Noise)					
Industrial area			75		70
Commercial area			65		55
Residential area			55		45
Silence Zone			50		40

*The Noise Pollution (Regulation and Control) Rules, 2000

Note: - 1. Day time shall mean from 6.00 a.m. to 10.00 p.m.

2. Night time shall mean from 10.00 p.m. to 6.00 a.m.

3. Silence zone is an area comprising not less than 100 metres around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority


4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing. A "decibel" is a unit in which noise is measured.

"A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.

Authorized Signatory



(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Test Report for Stack Monitoring (D.G)

Report No.		Reference No.		Issue Date	
PCS/SE/08/2023		PCS/L&T/04/2023		21/08/2023	
1.Name & address of Industry		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School, Atola, Dist. Meerut,245206 Uttar Pradesh			
2. Type of Industry		Construction	7. Method of Sampling	PCS/WI/SAMP/20	
3. Sample collected by		Mr. Vipin & Mr. Sunil	8. Date of sampling	08/08/2023-12/08/2023	
4. Weather Condition		Clear Sky	9. Sample receipt in lab	14/08/2023	
5. Sampling Location		D.G. Set- 320 KVA Camp-3 (25940538)	10. Date of Analysis	14/08/2023– 16/08/2023	
6. Lab Code		PCS23/77/974	11. Sample Analyzed By	Mr. Rohit Yadav	
S. No.	Particular		Value		
1	Duct Attached to		D.G. Set- 320 KVA Camp-3		
2	Type of Stack		Circular		
3	Stack height from Ground (m)		2.5 approx		
4	Fuel Consumption Lit/hr		10.0		
5	Type of Duct		Circular		
6	Material of Construction of duct		Mild Steel (M.S)		
7	Type of fuel used		HSD		
8	Sampling Duration		40		
9	Atmospheric Pressure (mmHg)		740		
10	Atmospheric temperature (⁰ K)		309		
11	Flue Gas temperature (⁰ K)		467		
12	Flue Gas Exist Velocity (m/s)		10.8		
13	Volume of Sample (lit.)		560		
		Pollutants	Method	Result	Standard*
		PM (g/kw-hr)	IS 11255 (Part-1):1985	0.11	0.2
		SO ₂ (g/kw-hr)	IS 11255 (Part-2):1985	1.2	-
		CO (g/kw-hr)	PCS/SOP/ST/03:2021	2.3	3.5
		NOx (g/kw-hr)	PCS/SOP/ST/NOx/12:2021	2.9	4.0

*G.S.R. 771(E) dated 11th December, 2013 amend the Environment (Protection) Rules, 1986, in Schedule I for S.No 95. namely Emission limits for new diesel engine up to 800 kW for generator set (Genset) application.

- Note:
1. Sample collected from flue gas exit
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(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Page 1 of 1

Services Available

Environmental Monitoring, Preparation of EIA/EMP, Baseline data generation for Air, Water, Soil, Noise & Meteorology
Environmental and Safety Audit reports, Commissioning, Erection, Operation and Maintenance of STP/ETP, Clearances from
Ground Water Board, Compliance of E.C., NOC from UPPCB, MoEF

Test Report for Stack Monitoring (D.G)

Report No.		Reference No.		Issue Date
PCS/SE/03/2023		PCS/L&T/04/2023		21/08/2023
1.Name & address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut,245206 Uttar Pradesh			
2. Type of Industry	Construction	7. Method of Sampling	PCS/WI/SAMP/20	
3. Sample collected by	Mr. Vipin & Mr.Sunil .	8. Date of sampling	08/08/2023-12/08/2023	
4. Weather Condition	Clear Sky	9. Sample receipt in lab	12/08/2023	
5. Sampling Location	D.G. Set- 500 KVA Camp-2 (25960431)	10. Date of Analysis	14/08/2023– 16/08/2023	
6. Lab Code	PCS23/77/973	11. Sample Analyzed By	Mr. Rohit Yadav	
S. No.	Particulars	Value		
1	Duct Attached to	D.G. Set- 500 KVA Camp-2		
2	Type of Stack	Circular		
3	Stack height from Ground (m)	3.0 approx		
4	Fuel Consumption Lit/hr	15.0		
5	Type of Duct	Circular		
6	Material of Construction of duct	Mild Steel (M.S)		
7	Type of fuel used	HSD		
8	Sampling Duration	40		
9	Atmospheric Pressure (mmHg)	740		
10	Atmospheric temperature (⁰ K)	309		
11	Flue Gas temperature (⁰ K)	461		
12	Flue Gas Exist Velocity (m/s)	10.4		
13	Volume of Sample (lit.)	520		
	Pollutants Concentration	Method	Result	Standard*
	PM (g/kw-hr)	IS 11255 (Part-1):1985	0.11	0.2
	SO ₂ (g/kw-hr)	IS 11255 (Part-2):1985	1.4	-
	CO (g/kw-hr)	PCS/SOP/ST/03:2021	2.3	3.5
	NO _x (g/kw-hr)	PCS/SOP/ST/NO _x /12:2021	2.5	4.0

*G.S.R. 771(E) dated 11th December, 2013 amend the Environment (Protection) Rules, 1986, in Schedule I for S.No 95. namely Emission limits for new diesel engine up to 800 kW for generator set (Genset) application.

Note: 1. Sample collected from flue gas exit

2. The results in the Test Report relate only to the items tested.

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(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Page 1 of 1

Test Report for Stack Monitoring (D.G)

Report No. PCS/SE/02/2023	Reference No. PCS/L&T/04/2023	Issue Date 21/08/2023
1.Name & address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School, Atola,Dist. Meerut,245206 Uttar Pradesh	
2. Type of Industry	Construction	7. Method of Sampling
3. Sample collected by	Mr. Vipin & Mr. Sunil	8. Date of sampling
4. Weather Condition	Clear Sky	9. Sample receipt in lab
5. Sampling Location	D.G. Set- 725 KVA Camp-2 (25980157)	10. Date of Analysis
6. Lab Code	PCS23/77/968	11. Sample Analyzed By
		PCS/WI/SAMP/20
		08/08/2023-12/08/2023
		12/08/2023
		14/08/2023– 16/08/2023
		Mr. Rohit Yadav

S. No.	Particulars	Value		
1	Duct Attached to	D.G. Set- 725 KVA Camp-2		
2	Type of Stack	Circular		
3	Stack height from Ground (m)	4.0 approx		
4	Fuel Consumption Lit/hr	22.0		
5	Type of Duct	Circular		
6	Material of Construction of duct	Mild Steel (M.S)		
7	Type of fuel used	HSD		
8	Sampling Duration	40		
9	Atmospheric Pressure (mmHg)	738		
10	Atmospheric temperature (⁰ K)	309		
11	Flue Gas temperature (⁰ K)	498		
12	Flue Gas Exist Velocity (m/s)	12.8		
13	Volume of Sample (lit.)	600		
	Pollutants	Method	Result	Standard*
	PM (g/kw-hr)	IS 11255 (Part-1):1985	0.10	0.2
	SO ₂ (g/kw-hr)	IS 11255 (Part-2):1985	1.3	-
	CO (g/kw-hr)	PCS/SOP/ST/03:2021	2.1	3.5
	NOx (g/kW-hr)	PCS/SOP/ST/NOx/12:2021	2.3	4.0

*G.S.R. 771(E) dated 11th December, 2013 amend the Environment (Protection) Rules, 1986, in Schedule I for S.No 95. namely Emission limits for new diesel engine up to 800 kW for generator set (Genset) application.

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(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Stack Monitoring (D.G)

Report No. PCS/SE/01/2023	Reference No. PCS/L&T/04/2023	Issue Date 21/08/2023
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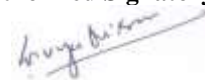
1. Name & address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut, 245206 UP		
2. Type of Industry	Construction	7. Method of Sampling	PCS/WI/SAMP/20
3. Sample collected by	Mr. Vipin & Mr. Sunil	8. Date of sampling	08/08/2023-12/08/2023
4. Weather Condition	Clear Sky	9. Sample receipt in lab	14/08/2023
5. Sampling Location	D.G. Set- 750 KVA Camp-2 (25980530)	10. Date of Analysis	14/08/2023– 16/08/2023
6. Lab Code	PCS23/77/967	11. Sample Analyzed By	Mr. Rohit Yadav

S. No.	Particulars	Value		
1	Duct Attached to	D.G. Set- 750 KVA Camp-2		
2	Type of Stack	Circular		
3	Stack height from Ground (m)	2.5 approx		
4	Fuel Consumption Lit/hr	25.0		
5	Type of Duct	Circular		
6	Material of Construction of duct	Mild Steel (M.S)		
7	Type of fuel used	HSD		
8	Sampling Duration	40		
9	Atmospheric Pressure (mmHg)	742		
10	Atmospheric temperature (⁰ K)	309		
11	Flue Gas temperature (⁰ K)	508		
12	Flue Gas Exist Velocity (m/s)	14.6		
13	Volume of Sample (lit.)	680		
	Pollutants	Method	Result	Standard*
	PM (g/kw-hr)	IS 11255 (Part-1):1985	0.14	0.2
	SO ₂ (g/kw-hr)	IS 11255 (Part-2):1985	1.9	-
	CO (g/kw-hr)	PCS/SOP/ST/03:2021	2.1	3.5
	NO _x (g/kw-hr)	PCS/SOP/ST/NO _x /12:2021	2.7	4.0

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(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Page 1 of 1

Test Report for Stack Monitoring (D.G)

Report No.		Reference No.		Issue Date
PCS/SE/04/2023		PCS/L&T/04/2023		21/08/2023
1. Name & address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.Jai Doon Public School, Atola ,Dist. Meerut, 245206 Uttar Pradesh			
2. Type of Industry	Construction	7. Method of Sampling	PCS/WI/SAMP/20	
3. Sample collected by	Mr. Vipin & Mr. Sunil	8. Date of sampling	08/08/2023-12/08/2023	
4. Weather Condition	Clear Sky	9. Sample receipt in lab	14/08/2023	
5. Sampling Location	D.G. Set- 500 KVA Camp-1 (25967329)	10. Date of Analysis	14/08/2023– 16/08/2023	
6. Lab Code	PCS23/77/969	11. Sample Analyzed By	Mr. Rohit Yadav	
S. No.	Particulars		Value	
1	Duct Attached to		D.G. Set- 500 KVA Camp-1	
2	Type of Stack		Circular	
3	Stack height from Ground (m)		3.0 approx	
4	Fuel Consumption Lit/hr		16.0	
5	Type of Duct		Circular	
6	Material of Construction of duct		Mild Steel (M.S)	
7	Type of fuel used		HSD	
8	Sampling Duration		40	
9	Atmospheric Pressure (mmHg)		741	
10	Atmospheric temperature (⁰ K)		309	
11	Flue Gas temperature (⁰ K)		472	
12	Flue Gas Exist Velocity (m/s)		11.8	
13	Volume of Sample (lit.)		600	
	Pollutants	Method	Result	Standard*
	PM (g/kw-hr)	IS 11255 (Part-1):1985	0.15	0.2
	SO ₂ (g/kw-hr)	IS 11255 (Part-2):1985	1.2	-
	CO (g/kw-hr)	PCS/SOP/ST/03:2021	2.0	3.5
	NOx (g/kw-hr)	PCS/SOP/ST/NOx/12:2021	2.7	4.0

*G.S.R. 771(E) dated 11th December, 2013 amend the Environment (Protection) Rules, 1986, in Schedule I for S.No 95, namely Emission limits for new diesel engine up to 800 kW for generator set (Genset) application.

- Note:
1. Sample collected from flue gas exit
 2. The results in the Test Report relate only to the items tested.
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Authorized Signatory


(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Stack Monitoring (D.G)

Report No.		Reference No.		Issue Date
PCS/SE/05/2023		PCS/L&T/04/2023		21/08/2023
1. Name & address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School, Atola ,Dist. Meerut, 245206 Uttar Pradesh			
2. Type of Industry	Construction	7. Method of Sampling	PCS/WI/SAMP/20	
3. Sample collected by	Mr. Vipin & Mr. Sunil	8. Date of sampling	08/08/2023-12/08/2023	
4. Weather Condition	Clear Sky	9. Sample receipt in lab	14/08/2023	
5. Sampling Location	D.G. Set- 500 KVA Camp-1 (25960466)	10. Date of Analysis	14/08/2023– 16/08/2023	
6. Lab Code	PCS23/77/970	11. Sample Analyzed By	Mr. Rohit Yadav	
S. No.	Particulars	Value		
1	Duct Attached to	D.G. Set- 500 KVA Camp-1		
2	Type of Stack	Circular		
3	Stack height from Ground (m)	3.0 approx		
4	Fuel Consumption Lit/hr	16.0		
5	Type of Duct	Circular		
6	Material of Construction of duct	Mild Steel (M.S)		
7	Type of fuel used	HSD		
8	Sampling Duration	40		
9	Atmospheric Pressure (mmHg)	739		
10	Atmospheric temperature (⁰ K)	309		
11	Flue Gas temperature (⁰ K)	481		
12	Flue Gas Exist Velocity (m/s)	12.2		
13	Volume of Sample (lit.)	600		
	Pollutants	Method	Result	Standard*
	PM (g/kw-hr)	IS 11255 (Part-1):1985	0.11	0.2
	SO ₂ (g/kw-hr)	IS 11255 (Part-2):1985	1.7	-
	CO (g/kw-hr)	PCS/SOP/ST/03:2021	2.6	3.5
	NOx (g/kw-hr)	PCS/SOP/ST/NOx/12:2021	2.9	4.0

*G.S.R. 771(E) dated 11th December, 2013 amend the Environment (Protection) Rules, 1986, in Schedule I for S.No 95, namely Emission limits for new diesel engine up to 800 kW for generator set (Genset) application.

- Note:
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Managing Director

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Page 1 of 1

Test Report for Stack Monitoring (D.G)

Report No.		Reference No.		Issue Date
PCS/SE/06/2023		PCS/L&T/04/2023		21/08/2023
1. Name & address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School, Atola ,Dist. Meerut, 245206 Uttar Pradesh			
2. Type of Industry	Construction	7. Method of Sampling	PCS/WI/SAMP/20	
3. Sample collected by	Mr. Vipin & Mr. Sunil	8. Date of sampling	08/08/2023-12/08/2023	
4. Weather Condition	Clear Sky	9. Sample receipt in lab	14/08/2023	
5. Sampling Location	D.G. Set- 500 KVA Camp-1 (25960458)	10. Date of Analysis	14/08/2023– 16/08/2023	
6. Lab Code	PCS23/77/971	11. Sample Analyzed By	Mr. Rohit Yadav	
S. No.	Particulars	Value		
1	Duct Attached to	D.G. Set- 500 KVA Camp-1		
2	Type of Stack	Circular		
3	Stack height from Ground (m)	3.0 approx		
4	Fuel Consumption Lit/hr	16.0		
5	Type of Duct	Circular		
6	Material of Construction of duct	Mild Steel (M.S)		
7	Type of fuel used	HSD		
8	Sampling Duration	40		
9	Atmospheric Pressure (mmHg)	740		
10	Atmospheric temperature (⁰ K)	309		
11	Flue Gas temperature (⁰ K)	489		
12	Flue Gas Exist Velocity (m/s)	11.8		
13	Volume of Sample (lit.)	560		
	Pollutants	Method	Result	Standard*
	PM (g/kw-hr)	IS 11255 (Part-1):1985	0.19	0.2
	SO ₂ (g/kw-hr)	IS 11255 (Part-2):1985	2.1	-
	CO (g/kw-hr)	PCS/SOP/ST/03:2021	2.8	3.5
	NOx (g/kw-hr)	PCS/SOP/ST/NOx/12:2021	2.4	4.0

*G.S.R. 771(E) dated 11th December, 2013 amend the Environment (Protection) Rules, 1986, in Schedule I for S.No 95, namely Emission limits for new diesel engine up to 800 kW for generator set (Genset) application.

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Managing Director

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Test Report for Stack Monitoring (D.G)

Report No. PCS/SE/07/2023		Reference No. PCS/L&T/04/2023		Issue Date 21/08/2023	
1. Name & address of Industry		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School, Atola ,Dist. Meerut, 245206 Uttar Pradesh			
2. Type of Industry		Construction		7. Method of Sampling	
3. Sample collected by		Mr. Vipin & Mr. Sunil		8. Date of sampling	
4. Weather Condition		Clear Sky		9. Sample receipt in lab	
5. Sampling Location		D.G. Set- 500 KVA Camp-1 (25961195)		10. Date of Analysis	
6. Lab Code		PCS23/77/972		11. Sample Analyzed By	
				PCS/WI/SAMP/20	
				08/08/2023-12/08/2023	
				14/08/2023	
				14/08/2023– 16/08/2023	
				Mr. Rohit Yadav	
S. No.	Particulars			Value	
1	Duct Attached to			D.G. Set- 500 KVA Camp-1	
2	Type of Stack			Circular	
3	Stack height from Ground (m)			3.0 approx	
4	Fuel Consumption Lit/hr			16.0	
5	Type of Duct			Circular	
6	Material of Construction of duct			Mild Steel (M.S)	
7	Type of fuel used			HSD	
8	Sampling Duration			40	
9	Atmospheric Pressure (mmHg)			740	
10	Atmospheric temperature (⁰ K)			309	
11	Flue Gas temperature (⁰ K)			494	
12	Flue Gas Exist Velocity (m/s)			12.6	
13	Volume of Sample (lit.)			600	
		Pollutants	Method	Result	Standard*
		PM (g/kw-hr)	IS 11255 (Part-1):1985	0.14	0.2
		SO ₂ (g/kw-hr)	IS 11255 (Part-2):1985	1.8	-
		CO (g/kw-hr)	PCS/SOP/ST/03:2021	2.0	3.5
		NOx(g/kW-hr)	PCS/SOP/ST/Nox/12:2021	2.8	4.0

*G.S.R. 771(E) dated 11th December, 2013 amend the Environment (Protection) Rules, 1986, in Schedule I for S.No 95, namely Emission limits for new diesel engine up to 800 kW for generator set (Genset) application.

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(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Drinking Water Quality

ULR- TC824123000001301



Report No. PCS/DWQ/01/2023	Reference No. PCS/L&TM/04/2023	Issue Date 21/08/2023
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1. Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola,Dist. Meerut,245206 Uttar Pradesh		
2. Type of Industry	Construction	8. Method of Sampling	PCS/WI/SAMP/21
3. Sample Collected by	Mr. Vipin & Mr. Sunil	9. Date of Sampling	11/08/2023
4. Weather Condition	Clear Sky	10. Sample Receipt in Lab	12/08/2023
5. Sampling Location	RO Plant Canteen Camp-1	11. Date of Analysis	12/08/2023- 17/08/2023
6. Lab Code	PCS23/149/900	12. Sample Analyzed By	Ms. Shivani & Ms Alka
7. Quantity of Sample	2 Litre		

Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
1.	pH	-	APHA 4500H+ B	7.21	6.5 - 8.5	NR*
2.	Colour	Hazen	IS-3025(Part-4)	<5.0	5	15
3.	Odour	-	IS-3025(Part-5)	Odorless	Agreeable	Agreeable
4.	Turbidity	NTU	APHA-2130-B	0.11	1	5
5.	Conductivity	µmhos/cm	APHA 2510 B	455.0	---	---
6.	Total Dissolved Solid	mg/l	APHA 2540 C	265.0	500	2000
9.	Hardness as CaCO ₃	mg/l	APHA 2340 C	220.0	200	600
10.	Alkalinity	mg/l	APHA 2320 B	197.8	200	600
11.	Chloride as Cl	mg/l	APHA 4500-Cl,B	<5.0	250	1000
12.	Sulphate as SO ₄	mg/l	APHA 4500-SO ₄	24.8	200	400
13.	Nitrate as NO ₃	mg/l	APHA 4500-B	0.66	45	NR*
14.	Fluoride	mg/l	APHA 4500-F,C	0.49	1.0	1.5
15.	Calcium as Ca	mg/l	APHA 3500-Ca,	41.7	75	200
16.	Magnesium as Mg	mg/l	APHA 3500-Mg,E	26.2	30	100
17.	Sodium as Na	mg/l	APHA 3500-Na,D	46.0	---	---
18.	Potassium as K	mg/l	APHA 3500-K,D	<10.0	---	---
19.	Copper as Cu	mg/l	APHA 3111-Cu, B	<0.05	0.05	1.5
20.	Chromium as Cr	mg/l	APHA 3111-Cr, B	<0.05	0.05	NR*
21.	Cadmium as Cd	mg/l	APHA 3111-Cd, B	<0.008	0.003	NR*
22.	Iron as Fe	mg/l	APHA 3111-Fe,B	<0.3	0.3	NR*
23.	Nickel as Ni	mg/l	APHA 3111-Ni,B	<0.02	0.02	NR*
24.	Lead as Pb	mg/l	APHA 3111-Pb,B	<0.01	0.01	NR*
25.	Zinc as Zn	mg/l	APHA 3111-Zn, B	0.014	5	15
26.	Manganese (as Mn)	mg/l	APHA 3111-Mn,B	<0.02	0.1	0.3

*NR-No Relaxation

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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- No deviation as per the Standard Method

Authorized Signatory



(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Services Available

Environmental Monitoring, Preparation of EIA/EMP, Baseline data generation for Air, Water, Soil, Noise & Meteorology
Environmental and Safety Audit reports, Commissioning, Erection, Operation and Maintenance of STP/ETP, Clearances from
Ground Water Board, Compliance of E.C., NOC from UPPCR, MoEF



Prakriti Consultants Services

An Approved Laboratory From MoEF - CC & Uttar Pradesh Pollution Control Board

(An ISO 14001:2015, ISO 9001:2015 and ISO 45001:2018 Certified Organization)

Address: 12, Vishnupuri, Church Road, Aliganj, Lucknow-226024

E-mail: prakriti_md@rediffmail.com

Tel: 0522- 4002545, Mobile: 09415518818,

GSTIN :- 09AAJFP5925G1ZY

Test Report for Drinking Water Quality

Report No. PCS/DWQ/01(a)/2023 **Reference No.** PCS/L&TM/04/2023 **Issue Date** 21/08/2023

1. Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut, 245206 Uttar Pradesh		
2. Type of Industry	Construction	8. Method of Sampling	PCS/WI/SAMP/21
3. Sample Collected by	Mr. Vipin & Mr. Sunil	9. Date of Sampling	11/08/2023
4. Weather Condition	Clear Sky	10. Sample Receipt in Lab	12/08/2023
5. Sampling Location	RO Plant Canteen Camp-1	11. Date of Analysis	12/08/2023– 17/08/2023
6. Lab Code:	PCS23/149/900	12. Sample Analyzed By	Ms. Shivani & Ms Alka
7. Quantity of Sample	2 Litre		

Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source

Bacteriological Testing

1.	Total coliforms	MPN/100ml	APHA 9221	Absent	Should be absent in any 100 ml sample	
2.	Faecal coliforms	MPN/100ml	APHA 9221	Absent		

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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 5. No deviation as per the standard method.

Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Drinking Water Quality

ULR- TC824123000001302



Report No. PCS/DWQ/02/2023 **Reference No.** PCS/L&T M/04/2023 **Issue Date** 21/08/2023

1. Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut,245206 Uttar Pradesh		
2. Type of Industry	Construction	8. Method of Sampling	PCS/WI/SAMP/21
3. Sample Collected by	Mr. Vipin & Mr. Sunil	9. Date of Sampling	11/08/2023
4. Weather Condition	Clear Sky	10. Sample Receipt in Lab	12/08/2023
5. Sampling Location	RO Plant Pantry Camp-1	11. Date of Analysis	12/08/2023– 17/08/2023
6. Lab Code	PCS23/149/901	12.Sample Analyzed By	Ms. Shivani & Ms Alka
7. Quantity of Sample	2 Litre		

Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
1.	pH	-	APHA 4500H+ B	7.16	6.5 - 8.5	NR*
2.	Colour	Hazen	IS-3025(Part-4)	<5.0	5	15
3.	Odour	-	IS-3025(Part-5)	Odorless	Agreeable	Agreeable
4.	Turbidity	NTU	APHA-2130-B	<0.1	1	5
5.	Conductivity	µmhos/cm	APHA 2510 B	428.0	---	---
6.	Total Dissolved Solid	mg/l	APHA 2540 C	247.0	500	2000
9.	Hardness as CaCO ₃	mg/l	APHA 2340 C	224.0	200	600
10.	Alkalinity	mg/l	APHA 2320 B	321.6	200	600
11.	Chloride as Cl	mg/l	APHA 4500-Cl,B	33.9	250	1000
12.	Sulphate as SO ₄	mg/l	APHA 4500-SO ₄	26.8	200	400
13.	Nitrate as NO ₃	mg/l	APHA 4500-B	4.6	45	NR*
14.	Fluoride	mg/l	APHA 4500-F,C	0.63	1.0	1.5
15.	Calcium as Ca	mg/l	APHA 3500-Ca,	65.7	75	200
16.	Magnesium as Mg	mg/l	APHA 3500-Mg,E	11.6	30	100
17.	Sodium as Na	mg/l	APHA 3500-Na,D	56.0	---	---
18.	Potassium as K	mg/l	APHA 3500-K,D	<10	---	---
19.	Copper as Cu	mg/l	APHA 3111-Cu, B	<0.05	0.05	1.5
20.	Chromium as Cr	mg/l	APHA 3111-Cr, B	<0.05	0.05	NR*
21.	Cadmium as Cd	mg/l	APHA 3111-Cd, B	<0.008	0.003	NR*
22.	Iron as Fe	mg/l	APHA 3111-Fe,B	<0.3	0.3	NR*
23.	Nickel as Ni	mg/l	APHA 3111-Ni,B	<0.02	0.02	NR*
24.	Lead as Pb	mg/l	APHA 3111-Pb,B	<0.01	0.01	NR*
25.	Zinc as Zn	mg/l	APHA 3111-Zn, B	0.16	5	15
26.	Manganese (as Mn)	mg/l	APHA 3111-Mn,B	<0.02	0.1	0.3

*NR-No Relaxation

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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- No deviation as per the Standard Method

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(Dr. Divya Misra)
Managing Director

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Page 1 of 2

Test Report for Drinking Water Quality

Report No. PCS/DWQ/02(a)/2023			Reference No. PCS/L&T M/04/2023			Issue Date 21/08/2023	
1. Name & Address of Industry			M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.Jai Doon Public School, Atola, Dist. Meerut,245206 Uttar Pradesh				
2. Type of Industry			Construction Mr. Vipin & Mr.Sunil Clear Sky RO Plant Pantry Camp-1 PCS23/149/901 2 Litre		8. Method of Sampling		PCS/WI/SAMP/21
3. Sample Collected by					9. Date of Sampling		11/08/2023
4. Weather Condition					10. Sample Receipt in Lab		12/08/2023
5. Sampling Location					11. Date of Analysis		12/08/2023– 17/08/2023
6. Lab Code					12.Sample Analyzed By		Ms. Shivani & Ms Alka
7. Quantity of Sample							
Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012		
					Requirement (Acceptable limit)		Permissible limit in the absence of alternate source
Bacteriological Testing							
1.	Total coliforms	MPN/100ml	APHA 9221	Absent	Should be absent in any 100 ml sample		
2.	Faecal coliforms	MPN/100ml	APHA 9221	Absent			

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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5. No deviation as per the standard method.

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Managing Director

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Test Report for Drinking Water Quality

ULR- TC824123000001303



Report No. PCS/DWQ/03/2023	Reference No. PCS/L&TM/04/2023	Issue Date 21/08/2023
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1. Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut,245206 Uttar Pradesh		
2. Type of Industry	Construction	8. Method of Sampling	PCS/WI/SAMP/21
3. Sample Collected by	Mr. Vipin & Mr. Sunil	9. Date of Sampling	11/08/2023
4. Weather Condition	Clear Sky	10. Sample Receipt in Lab	12/08/2023
5. Sampling Location	RO Plant Canteen Camp-2	11. Date of Analysis	12/08/2023– 17/08/2023
6. Lab Code	PCS23/149/902	12. Sample Analyzed By	Ms. Shivani & Ms Alka
7. Quantity of Sample	2 Litre		

Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
1.	pH	-	APHA 4500H+ B	7.08	6.5 - 8.5	NR*
2.	Colour	Hazen	IS-3025(Part-4)	<5.0	5	15
3.	Odour	-	IS-3025(Part-5)	Odorless	Agreeable	Agreeable
4.	Turbidity	NTU	APHA-2130-B	<0.1	1	5
5.	Conductivity	µmhos/cm	APHA 2510 B	188	---	---
6.	Total Dissolved Solid	mg/l	APHA 2540 C	90.8	500	2000
9.	Hardness as CaCO ₃	mg/l	APHA 2340 C	48.0	200	600
10.	Alkalinity	mg/l	APHA 2320 B	28.8	200	600
11.	Chloride as Cl	mg/l	APHA 4500-Cl,B	15.09	250	1000
12.	Sulphate as SO ₄	mg/l	APHA 4500-SO ₄	4.75	200	400
13.	Nitrate as NO ₃	mg/l	APHA 4500-B	5.05	45	NR*
14.	Fluoride	mg/l	APHA 4500-F,C	0.18	1.0	1.5
15.	Calcium as Ca	mg/l	APHA 3500-Ca,	8.0	75	200
16.	Magnesium as Mg	mg/l	APHA 3500-Mg,E	3.89	30	100
17.	Sodium as Na	mg/l	APHA 3500-Na,D	38.0	---	---
18.	Potassium as K	mg/l	APHA 3500-K,D	<10.0	---	---
19.	Copper as Cu	mg/l	APHA 3111-Cu, B	<0.05	0.05	1.5
20.	Chromium as Cr	mg/l	APHA 3111-Cr, B	<0.05	0.05	NR*
21.	Cadmium as Cd	mg/l	APHA 3111-Cd, B	<0.008	0.003	NR*
22.	Iron as Fe	mg/l	APHA 3111-Fe,B	<0.3	0.3	NR*
23.	Nickel as Ni	mg/l	APHA 3111-Ni,B	<0.02	0.02	NR*
24.	Lead as Pb	mg/l	APHA 3111-Pb,B	<0.01	0.01	NR*
25.	Zinc as Zn	mg/l	APHA 3111-Zn, B	0.16	5	15
26.	Manganese (as Mn)	mg/l	APHA 3111-Mn,B	<0.02	0.1	0.3

*NR-No Relaxation

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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Authorized Signatory



(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Services Available

Environmental Monitoring, Preparation of EIA/EMP, Baseline data generation for Air, Water, Soil, Noise & Meteorology
Environmental and Safety Audit reports, Commissioning, Erection, Operation and Maintenance of STP/ETP, Clearances from
Ground Water Board, Compliance of E.C., NOC from UP PCB, MoEF

Test Report for Drinking Water Quality

Report No. PCS/DWQ/03(a)/2023 **Reference No.** PCS/L&T M/04/2023 **Issue Date** 21/08/2023

1. Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut, 245206 Uttar Pradesh		
2. Type of Industry	Construction	8. Method of Sampling	PCS/WI/SAMP/21
3. Sample Collected by	Mr. Vipin & Mr. Sunil	9. Date of Sampling	11/08/2023
4. Weather Condition	Clear Sky	10. Sample Receipt in Lab	12/08/2023
5. Sampling Location	RO Plant Canteen Camp-2	11. Date of Analysis	12/08/2023– 17/08/2023
6. Lab Code:	PCS23/149/902	12. Sample Analyzed By	Ms. Shivani & Ms Alka
7. Quantity of Sample	2 Litre		

Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source

Bacteriological Testing

1.	Total coliforms	MPN/100ml	APHA 9221	Absent	Should be absent in any 100 ml sample	
2.	Faecal coliforms	MPN/100ml	APHA 9221	Absent		

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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3. The report shall not be used for any other purpose than declared by the Sponsor

4. Prakriti Consultants Services is not regulatory agency hence no part of this report should be used for legal purpose under any circumstances.

5. No deviation as per the standard method.

Authorized Signatory



(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Test Report for Drinking Water Quality

ULR- TC824123000001304



Report No.

PCS/DWQ/04/2023

Reference No.

PCS/L&T M/04/2023

Issue Date

21/08/2023

1. Name & Address of Industry: M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola,Dist. Meerut,245206 Uttar Pradesh

2. Type of Industry: Construction
3. Sample Collected by: Mr. Vipin & Mr. Sunil
4. Weather Condition: Clear Sky
5. Sampling Location: **RO Plant Pantry Camp-2**
6. Lab Code: PCS23/149/903
7. Quantity of Sample: 2 Litre
8. Method of Sampling: PCS/WI/SAMP/21
9. Date of Sampling: 11/08/2023
10. Sample Receipt in Lab: 12/08/2023
11. Date of Analysis: 12/08/2023– 17/08/2023
12. Sample Analyzed By: Ms. Shivani & Ms Alka

Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
1.	pH	-	APHA 4500H+ B	7.22	6.5 - 8.5	NR*
2.	Colour	Hazen	IS-3025(Part-4)	<5.0	5	15
3.	Odour	-	IS-3025(Part-5)	Odorless	Agreeable	Agreeable
4.	Turbidity	NTU	APHA-2130-B	0.24	1	5
5.	Conductivity	µmhos/cm	APHA 2510 B	726.0	---	---
6.	Total Dissolved Solid	mg/l	APHA 2540 C	441	500	2000
9.	Hardness as CaCO ₃	mg/l	APHA 2340 C	228	200	600
10.	Alkalinity	mg/l	APHA 2320 B	317	200	600
11.	Chloride as Cl	mg/l	APHA 4500-Cl,B	11.3	250	1000
12.	Sulphate as SO ₄	mg/l	APHA 4500-SO ₄	28.0	200	400
13.	Nitrate as NO ₃	mg/l	APHA 4500-B	24.3	45	NR*
14.	Fluoride	mg/l	APHA 4500-F,C	0.26	1.0	1.5
15.	Calcium as Ca	mg/l	APHA 3500-Ca,	36.9	75	200
16.	Magnesium as Mg	mg/l	APHA 3500-Mg,E	30.13	30	100
17.	Sodium as Na	mg/l	APHA 3500-Na,D	35.2	---	---
18.	Potassium as K	mg/l	APHA 3500-K,D	<10.0	---	---
19.	Copper as Cu	mg/l	APHA 3111-Cu, B	<0.05	0.05	1.5
20.	Chromium as Cr	mg/l	APHA 3111-Cr, B	<0.05	0.05	NR*
21.	Cadmium as Cd	mg/l	APHA 3111-Cd, B	<0.008	0.003	NR*
22.	Iron as Fe	mg/l	APHA 3111-Fe,B	<0.3	0.3	NR*
23.	Nickel as Ni	mg/l	APHA 3111-Ni,B	<0.02	0.02	NR*
24.	Lead as Pb	mg/l	APHA 3111-Pb,B	<0.01	0.01	NR*
25.	Zinc as Zn	mg/l	APHA 3111-Zn, B	<0.01	5	15
26.	Manganese (as Mn)	mg/l	APHA 3111-Mn,B	<0.02	0.1	0.3

*NR-No Relaxation

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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4. Prakriti Consultants Services is not regulatory agency hence no part of this report should be used for legal purpose under any circumstances.
5. No deviation as per the Standard Method

Authorized Signatory



(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Services Available

Environmental Monitoring, Preparation of EIA/EMP, Baseline data generation for Air, Water, Soil, Noise & Meteorology
Environmental and Safety Audit reports, Commissioning, Erection, Operation and Maintenance of STP/ETP, Clearances from
Ground Water Board, Compliance of E.C., NOC from UPPCR, MoEF

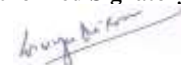
Test Report for Drinking Water Quality

Report No.		Reference No.			Issue Date	
PCS/DWQ/04(a)/2023		PCS/L&T M/04/2023			21/08/2023	
1. Name & Address of Industry		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.Jai Doon Public School, Atola, Dist. Meerut,245206 Uttar Pradesh				
2. Type of Industry		Construction Mr. Vipin & Mr.Sunil Clear Sky RO Plant Pantry Camp-2 PCS23/149/903 2 Litre	8. Method of Sampling		PCS/WI/SAMP/21	
3. Sample Collected by			9. Date of Sampling		11/08/2023	
4. Weather Condition			10. Sample Receipt in Lab		12/08/2023	
5. Sampling Location			11. Date of Analysis		12/08/2023– 17/08/2023	
6. Lab Code			12.Sample Analyzed By		Ms. Shivani & Ms Alka	
7. Quantity of Sample						
Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
Bacteriological Testing						
1.	Total coliforms	MPN/100ml	APHA 9221	Absent	Should be absent in any 100 ml sample	
2.	Faecal coliforms	MPN/100ml	APHA 9221	Absent		

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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 5. No deviation as per the standard method.

Authorized Signatory



(Dr. Divya Misra)

Managing Director

“End of this Test Report”

Test Report for Drinking Water Quality

ULR- TC824123000001305



Report No.

PCS/DWQ/05/2023

Reference No.

PCS/L&T M/04/2023

Issue Date

21/08/2023

1. Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.Jai Doon Public School, Atola,Dist. Meerut,245206 Uttar Pradesh		
2. Type of Industry	Construction	8. Method of Sampling	PCS/WI/SAMP/21
3. Sample Collected by	Mr. Vipin & Mr.Sunil	9. Date of Sampling	11/08/2023
4. Weather Condition	Clear Sky	10. Sample Receipt in Lab	12/08/2023
5. Sampling Location	RO Plant Preet Vihar Guest House	11. Date of Analysis	12/08/2023- 17/08/2023
6. Lab Code	PCS23/149/904	12.Sample Analyzed By	Ms. Shivani & Ms Alka
7. Quantity of Sample	2 Litre		

Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
1.	pH	-	APHA 4500H+ B	7.12	6.5 - 8.5	NR*
2.	Colour	Hazen	IS-3025(Part-4)	<5.0	5	15
3.	Odour	-	IS-3025(Part-5)	Odorless	Agreeable	Agreeable
4.	Turbidity	NTU	APHA-2130-B	<0.1	1	5
5.	Conductivity	µmhos/cm	APHA 2510 B	142.0	---	---
6.	Total Dissolved Solid	mg/l	APHA 2540 C	79.3	500	2000
9.	Hardness as CaCO ₃	mg/l	APHA 2340 C	40.0	200	600
10.	Alkalinity	mg/l	APHA 2320 B	28.8	200	600
11.	Chloride as Cl	mg/l	APHA 4500-Cl,B	13.0	250	1000
12.	Sulphate as SO ₄	mg/l	APHA 4500-SO ₄	6.1	200	400
13.	Nitrate as NO ₃	mg/l	APHA 4500-B	0.71	45	NR*
14.	Fluoride	mg/l	APHA 4500-F,C	0.20	1.0	1.5
15.	Calcium as Ca	mg/l	APHA 3500-Ca,	14.4	75	200
16.	Magnesium as Mg	mg/l	APHA 3500-Mg,E	<2.0	30	100
17.	Sodium as Na	mg/l	APHA 3500-Na,D	33.2	---	---
18.	Potassium as K	mg/l	APHA 3500-K,D	<10.0	---	---
19.	Copper as Cu	mg/l	APHA 3111-Cu, B	<0.05	0.05	1.5
20.	Chromium as Cr	mg/l	APHA 3111-Cr, B	<0.05	0.05	NR*
21.	Cadmium as Cd	mg/l	APHA 3111-Cd, B	<0.008	0.003	NR*
22.	Iron as Fe	mg/l	APHA 3111-Fe,B	<0.3	0.3	NR*
23.	Nickel as Ni	mg/l	APHA 3111-Ni,B	<0.02	0.02	NR*
24.	Lead as Pb	mg/l	APHA 3111-Pb,B	<0.01	0.01	NR*
25.	Zinc as Zn	mg/l	APHA 3111-Zn, B	<0.01	5	15
26.	Manganese (as Mn)	mg/l	APHA 3111-Mn,B	<0.02	0.1	0.3

*NR-No Relaxation

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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- No deviation as per the Standard Method

Authorized Signatory



(Dr. Divya Misra)
Managing Director

"End of this Test Report"

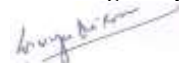
Test Report for Drinking Water Quality

Report No.		Reference No.			Issue Date	
PCS/DWQ/05(a)/2023		PCS/L&T M/04/2023			21/08/2023	
1. Name & Address of Industry		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut,245206 Uttar Pradesh				
2. Type of Industry		Construction		8. Method of Sampling		PCS/WI/SAMP/21
3. Sample Collected by		Mr. Vipin & Mr.Sunil		9. Date of Sampling		11/08/2023
4. Weather Condition		Clear Sky		10. Sample Receipt in Lab		12/08/2023
5. Sampling Location		RO Plant Preet Vihar Guest House		11. Date of Analysis		12/08/2023– 17/08/2023
6. Lab Code		PCS23/149/904		12.Sample Analyzed By		Ms. Shivani & Ms Alka
7. Quantity of Sample		2 Litre				
Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
Bacteriological Testing						
1.	Total coliforms	MPN/100ml	APHA 9221	Absent	Should be absent in any 100 ml sample	
2.	Faecal coliforms	MPN/100ml	APHA 9221	Absent		

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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 5. No deviation as per the standard method.

Authorized Signatory



(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Test Report for Drinking Water Quality

ULR- TC824123000001306



Report No. PCS/DWQ/06/2023	Reference No. PCS/L&T M/04/2023	Issue Date 21/08/2023
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1. Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut,245206 Uttar Pradesh		
2. Type of Industry	Construction	8. Method of Sampling	PCS/WI/SAMP/21
3. Sample Collected by	Mr. Vipin & Mr.Sunil	9. Date of Sampling	11/08/2023
4. Weather Condition	Clear Sky	10. Sample Receipt in lab	12/08/2023
5. Sampling Location	RO Plant Alaknanda Bachelor Guest House	11. Date of Analysis	12/08/2023– 17/08/2023
6. Lab Code	PCS23/149/905	12.Sample Analyzed By	Ms. Shivani & Ms Alka
7. Quantity of Sample	2 Litre		

Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
1.	pH	-	APHA 4500H+ B	7.27	6.5 - 8.5	NR*
2.	Colour	Hazen	IS-3025(Part-4)	<5.0	5	15
3.	Odour	-	IS-3025(Part-5)	Odorless	Agreeable	Agreeable
4.	Turbidity	NTU	APHA-2130-B	<0.1	1	5
5.	Conductivity	µmhos/cm	APHA 2510 B	182.0	---	---
6.	Total Dissolved Solid	mg/l	APHA 2540 C	106.0	500	2000
9.	Hardness as CaCO ₃	mg/l	APHA 2340 C	84.0	200	600
10.	Alkalinity	mg/l	APHA 2320 B	86.4	200	600
11.	Chloride as Cl	mg/l	APHA 4500-Cl,B	7.5	250	1000
12.	Sulphate as SO ₄	mg/l	APHA 4500-SO ₄	9.8	200	400
13.	Nitrate as NO ₃	mg/l	APHA 4500-B	0.82	45	NR*
14.	Fluoride	mg/l	APHA 4500-F,C	<0.1	1.0	1.5
15.	Calcium as Ca	mg/l	APHA 3500-Ca,	17.6	75	200
16.	Magnesium as Mg	mg/l	APHA 3500-Mg,E	6.80	30	100
17.	Sodium as Na	mg/l	APHA 3500-Na,D	53.4	---	---
18.	Potassium as K	mg/l	APHA 3500-K,D	<10.0	---	---
19.	Copper as Cu	mg/l	APHA 3111-Cu, B	<0.05	0.05	1.5
20.	Chromium as Cr	mg/l	APHA 3111-Cr, B	<0.05	0.05	NR*
21.	Cadmium as Cd	mg/l	APHA 3111-Cd, B	<0.008	0.003	NR*
22.	Iron as Fe	mg/l	APHA 3111-Fe,B	<0.3	0.3	NR*
23.	Nickel as Ni	mg/l	APHA 3111-Ni,B	<0.02	0.02	NR*
24.	Lead as Pb	mg/l	APHA 3111-Pb,B	<0.01	0.01	NR*
25.	Zinc as Zn	mg/l	APHA 3111-Zn, B	<0.01	5	15
26.	Manganese (as Mn)	mg/l	APHA 3111-Mn,B	<0.02	0.1	0.3


*NR-No Relaxation

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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5. No deviation as per the Standard Method

Authorized Signatory


(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Test Report for Drinking Water Quality

Report No.		Reference No.			Issue Date	
PCS/DWQ/06(a)/2023		PCS/L&T M/04/2023			21/08/2023	
1. Name & Address of Industry		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.Jai Doon Public School, Atola, Dist. Meerut,245206 Uttar Pradesh				
2. Type of Industry		Construction Mr. Vipin & Mr.Sunil Clear Sky RO Plant Alaknanda Bachelor Guest House PCS23/149/905 2 Litre		8. Method of Sampling		PCS/WI/SAMP/21
3. Sample Collected by				9. Date of Sampling		11/08/2023
4. Weather Condition				10. Sample Receipt in Lab		12/08/2023
5. Sampling Location				11. Date of Analysis		12/08/2023– 17/08/2023
6. Lab Code				12.Sample Analyzed By		Ms. Shivani & Ms Alka
7. Quantity of Sample						
Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
Bacteriological Testing						
1.	Total coliforms	MPN/100ml	APHA 9221	Absent	Should be absent in any 100 ml sample	
2.	Faecal coliforms	MPN/100ml	APHA 9221	Absent		

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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 5. No deviation as per the standard method.

Authorized Signatory



(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Test Report for Drinking Water Quality

ULR- TC824123000001307



Report No. PCS/DWQ/07/2023	Reference No. PCS/L&T M/04/2023	Issue Date 21/08/2023
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1. Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.Jai Doon Public School, Atola,Dist. Meerut,245206 Uttar Pradesh		
2. Type of Industry	Construction	8. Method of Sampling	PCS/WI/SAMP/21
3. Sample Collected by	Mr. Vipin & Mr.Sunil	9. Date of Sampling	11/08/2023
4. Weather Condition	Clear Sky	10. Sample Receipt in Lab	12/08/2023
5. Sampling Location	RO Plant Siyana Bachelor Guest House	11. Date of Analysis	12/08/2023– 17/08/2023
6. Lab Code	PCS23/149/906	12. Sample Analyzed By	Ms. Shivani & Ms Alka
7. Quantity of Sample	2 Litre		

Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
1.	pH	-	APHA 4500H+ B	7.34	6.5 - 8.5	NR*
2.	Colour	Hazen	IS-3025(Part-4)	<5.0	5	15
3.	Odour	-	IS-3025(Part-5)	Odorless	Agreeable	Agreeable
4.	Turbidity	NTU	APHA-2130-B	0.18	1	5
5.	Conductivity	µmhos/cm	APHA 2510 B	520.0	---	---
6.	Total Dissolved Solid	mg/l	APHA 2540 C	298.0	500	2000
9.	Hardness as CaCO ₃	mg/l	APHA 2340 C	200.0	200	600
10.	Alkalinity	mg/l	APHA 2320 B	192.0	200	600
11.	Chloride as Cl	mg/l	APHA 4500-Cl,B	7.5	250	1000
12.	Sulphate as SO ₄	mg/l	APHA 4500-SO ₄	29.3	200	400
13.	Nitrate as NO ₃	mg/l	APHA 4500-B	1.76	45	NR*
14.	Fluoride	mg/l	APHA 4500-F,C	0.63	1.0	1.5
15.	Calcium as Ca	mg/l	APHA 3500-Ca,	54.5	75	200
16.	Magnesium as Mg	mg/l	APHA 3500-Mg,E	9.72	30	100
17.	Sodium as Na	mg/l	APHA 3500-Na,D	44.5	---	---
18.	Potassium as K	mg/l	APHA 3500-K,D	<10.0	---	---
19.	Copper as Cu	mg/l	APHA 3111-Cu, B	<0.05	0.05	1.5
20.	Chromium as Cr	mg/l	APHA 3111-Cr, B	<0.05	0.05	NR*
21.	Cadmium as Cd	mg/l	APHA 3111-Cd, B	<0.008	0.003	NR*
22.	Iron as Fe	mg/l	APHA 3111-Fe,B	<0.3	0.3	NR*
23.	Nickel as Ni	mg/l	APHA 3111-Ni,B	<0.02	0.02	NR*
24.	Lead as Pb	mg/l	APHA 3111-Pb,B	<0.02	0.01	NR*
25.	Zinc as Zn	mg/l	APHA 3111-Zn, B	<0.01	5	15
26.	Manganese (as Mn)	mg/l	APHA 3111-Mn,B	<0.02	0.1	0.3

*NR-No Relaxation

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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- No deviation as per the Standard Method

Authorized Signatory



(Dr. Divya Misra)
Managing Director

“End of this Test Report”

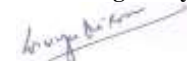
Test Report for Drinking Water Quality

Report No.		Reference No.			Issue Date	
PCS/DWQ/07(a)/2023		PCS/L&T M/04/2023			21/08/2023	
1. Name & Address of Industry		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut,245206 Uttar Pradesh				
2. Type of Industry		Construction		8. Method of Sampling		PCS/WI/SAMP/21
3. Sample Collected by		Mr. Vipin & Mr.Sunil		9. Date of Sampling		11/08/2023
4. Weather Condition		Clear Sky		10. Sample Receipt in Lab		12/08/2023
5. Sampling Location		RO Plant Siyana Bachelor Guest House		11. Date of Analysis		12/08/2023– 17/08/2023
6. Lab Code		PCS23/149/906		12.Sample Analyzed By		Ms. Shivani & Ms Alka
7. Quantity of Sample		2 Litre				
Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
Bacteriological Testing						
1.	Total coliforms	MPN/100ml	APHA 9221	Absent	Should be absent in any 100 ml sample	
2.	Faecal coliforms	MPN/100ml	APHA 9221	Absent		

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

- Note:**
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 3. The report shall not be used for any other purpose than declared by the Sponsor
 4. Prakriti Consultants Services is not regulatory agency hence no part of this report should be used for legal purpose under any circumstances.
 5. No deviation as per the standard method.

Authorized Signatory



(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Test Report for Drinking Water Quality

ULR- TC824123000001308



Report No. PCS/DWQ/08/2023	Reference No. PCS/L&T M/04/2023	Issue Date 21/08/2023
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1. Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.Jai Doon Public School, Atola,Dist. Meerut,245206 Uttar Pradesh		
2. Type of Industry	Construction	8. Method of Sampling	PCS/WI/SAMP/21
3. Sample Collected by	Mr. Vipin & Mr. Sunil	9. Date of Sampling	11/08/2023
4. Weather Condition	Clear Sky	10. Sample Receipt in Lab	12/08/2023
5. Sampling Location	RO Plant Hasanpur Bachelor Guest House	11. Date of Analysis	12/08/2023- 17/08/2023
6. Lab Code	PCS23/149/907	12.Sample Analyzed By	Ms. Shivani & Ms Alka
7. Quantity of Sample	2 Litre		

Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
1.	pH	-	APHA 4500H+ B	7.46	6.5 - 8.5	NR*
2.	Colour	Hazen	IS-3025(Part-4)	<5.0	5	15
3.	Odour	-	IS-3025(Part-5)	Odorless	Agreeable	Agreeable
4.	Turbidity	NTU	APHA-2130-B	<0.1	1	5
5.	Conductivity	µmhos/cm	APHA 2510 B	528.0	---	---
6.	Total Dissolved Solid	mg/l	APHA 2540 C	307.4	500	2000
9.	Hardness as CaCO ₃	mg/l	APHA 2340 C	212.0	200	600
10.	Alkalinity	mg/l	APHA 2320 B	259.0	200	600
11.	Chloride as Cl	mg/l	APHA 4500-Cl,B	33.9	250	1000
12.	Sulphate as SO ₄	mg/l	APHA 4500-SO ₄	29.75	200	400
13.	Nitrate as NO ₃	mg/l	APHA 4500-B	3.29	45	NR*
14.	Fluoride	mg/l	APHA 4500-F,C	0.44	1.0	1.5
15.	Calcium as Ca	mg/l	APHA 3500-Ca,	60.9	75	200
16.	Magnesium as Mg	mg/l	APHA 3500-Mg,E	11.7	30	100
17.	Sodium as Na	mg/l	APHA 3500-Na,D	49.6	---	---
18.	Potassium as K	mg/l	APHA 3500-K,D	<10.0	---	---
19.	Copper as Cu	mg/l	APHA 3111-Cu, B	<0.05	0.05	1.5
20.	Chromium as Cr	mg/l	APHA 3111-Cr, B	<0.05	0.05	NR*
21.	Cadmium as Cd	mg/l	APHA 3111-Cd, B	<0.008	0.003	NR*
22.	Iron as Fe	mg/l	APHA 3111-Fe,B	<0.3	0.3	NR*
23.	Nickel as Ni	mg/l	APHA 3111-Ni,B	<0.02	0.02	NR*
24.	Lead as Pb	mg/l	APHA 3111-Pb,B	<0.02	0.01	NR*
25.	Zinc as Zn	mg/l	APHA 3111-Zn, B	<0.01	5	15
26.	Manganese (as Mn)	mg/l	APHA 3111-Mn,B	<0.02	0.1	0.3

*NR-No Relaxation

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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Authorized Signatory

(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Services Available

Environmental Monitoring, Preparation of EIA/EMP, Baseline data generation for Air, Water, Soil, Noise & Meteorology
Environmental and Safety Audit reports, Commissioning, Erection, Operation and Maintenance of STP/ETP, Clearances from
Ground Water Board, Compliance of E.C., NOC from UPPCR, MoEF

Test Report for Drinking Water Quality

Report No.		Reference No.		Issue Date		
PCS/DWQ/08(a)/2023		PCS/L&T M/04/2023		21/08/2023		
1. Name & address of Industry		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.Jai Doon Public School, Atola, Dist. Meerut,245206 Uttar Pradesh				
2. Type of Industry		Construction		8. Method of Sampling		
3. Sample Collected by		Mr. Vipin & Mr. Sunil		9. Date of sampling		
4. Weather Condition		Clear Sky		10. Sample receipt in lab		
5. Sampling Location		RO Plant Hasanpur Bachelor Guest House		11. Date of Analysis		
6. Lab Code		PCS23/149/907		12.Sample Analyzed By		
7. Quantity of Sample		2 Litre		Ms. Shivani & Ms Alka		
Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
Bacteriological Testing						
1.	Total coliforms	MPN/100ml	APHA 9221	Absent	Should be absent in any 100 ml sample	
2.	Faecal coliforms	MPN/100ml	APHA 9221	Absent		

Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

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 5. No deviation as per the standard method.

Authorized Signatory



(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Test Report of Waste Water



ULR- TC824123000001310

Report No.

PCS/WW/02/2023

Reference No.

PCS/L&TM/04/2023

Issue Date

21/08/2023

1.	Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut,245206 UP			
2.	Type of Industry	Construction	8. Date of Sampling	11/08/2023	
3.	Sampling Location	Camp-2 Concrete Plant 120 Sedimentation Tank, Thera	9. Sample Receipt in Lab	12/08/2023	
4.	Sample Collected by	Mr. Vipin & Mr. Sunil	10. Date of Testing	12/08/2023– 17/08/2023	
5.	Weather Condition	Clear	11.Analyzed by	Ms. Shivani Chaturvedi	
6.	Method of Sampling	PCS/WI/SAMP/21			
7.	Lab Code	PCS23/149/909			

S. No.	Parameter	Units	Reference Method*	Results	Standard*
1	pH	-	APHA 4500H+ - B	7.87	5.5 to 9.0
2	Total Dissolved Solids (TDS)	mg/l	APHA 2540- C	1337	-
3	Total Suspended Solids (TSS)	mg/l	APHA 2540-D	42.3	100
4	COD	mg/l	APHA 5220-C	45.0	250
5	BOD (3days at 27°C)	mg/l	IS:3025 (Part 44) 1993 RA 2009	11.0	30

*Standard as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 Notified vide G.S.R. 978(E) dated 10.10.2016, published in the Gazette No. 719 dated 10.10.2016.

Note: 1. The results in the Test Report related only to the items tested.

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5. No deviation as per Standard Method.

Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report of Waste Water



ULR- TC824123000001311

Report No.

PCS/WW/03/2023

Reference No.

PCS/L&TM/04/2023

Issue Date

21/08/2023

1.	Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut,245206 UP			
2.	Type of Industry	Construction	8. Date of Sampling	11/08/2023	
3.	Sampling Location	Camp-3 Concrete Plant 120 Sedimentation Tank, Piploti	9. Sample Receipt in Lab	12/08/2023	
4.	Sample Collected by	Mr. Vipin & Mr. Sunil	10. Date of Testing	12/08/2023– 17/08/2023	
5.	Weather Condition	Clear	11. Analyzed by	Ms. Shivani Chaturvedi	
6.	Method of Sampling	PCS/WI/SAMP/21			
7.	Lab Code	PCS23/149/910			

S. No.	Parameter	Units	Reference Method*	Results	Standard*
1	pH	-	APHA 4500H+ - B	7.88	5.5 to 9.0
2	Total Dissolved Solids (TDS)	mg/l	APHA 2540- C	1307	-
3	Total Suspended Solids (TSS)	mg/l	APHA 2540-D	85.9	100
4	COD	mg/l	APHA 5220-C	50.0	250
5	BOD (3days at 27 ⁰ C)	mg/l	IS:3025 (Part 44) 1993 RA 2009	14.0	30

*Standard as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 Notified vide G.S.R. 978(E) dated 10.10.2016, published in the Gazette No. 719 dated 10.10.2016.

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5. No deviation as per Standard Method.

Authorized Signatory



(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report of Waste Water



ULR- TC824123000001312

Report No. PCS/WW/04/2023	Reference No. PCS/L&TM/04/2023	Issue Date 21/08/2023
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1.	Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut,245206 UP			
2.	Type of Industry	Construction	8. Date of Sampling	11/08/2023	
3.	Sampling Location	Camp-1 Workmen Camp Water Tank, Atola	9. Sample Receipt in Lab	12/08/2023	
4.	Sample Collected by	Mr. Vipin & Mr. Sunil	10. Date of Testing	12/08/2023– 17/08/2023	
5.	Weather Condition	Clear	11. Analyzed by	Ms. Shivani Chaturvedi	
6.	Method of Sampling	PCS/WI/SAMP/21			
7.	Lab Code	PCS23/149/911			

S. No.	Parameter	Units	Reference Method	Results	Standard*
1	pH	-	APHA 4500H+ - B	8.06	5.5 to 9.0
2	Total Dissolved Solids (TDS)	mg/l	APHA 2540- C	756.0	-
3	Total Suspended Solids (TSS)	mg/l	APHA 2540-D	40.6	100
4	COD	mg/l	APHA 5220-C	60.0	250
5	BOD (3days at 27°C)	mg/l	IS:3025 (Part 44) 1993 RA 2009	16.0	30

*Standard as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 Notified vide G.S.R. 978(E) dated 10.10.2016, published in the Gazette No. 719 dated 10.10.2016.

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5. No deviation as per Standard Method.

Authorized Signatory

(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report of Waste Water



ULR- TC824123000001313

Report No. PCS/WW/05/2023	Reference No. PCS/L&TM/04/2023	Issue Date 21/08/2023
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1.	Name & Address of Industry	M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut,245206 UP			
2.	Type of Industry	Construction	8. Date of Sampling	11/08/2023	
3.	Sampling Location	Camp-2 Workmen camp-2 Water Tank, Thera	9. Sample Receipt in Lab	12/08/2023	
4.	Sample Collected by	Mr. Vipin & Mr.Sunil	10. Date of Testing	12/08/2023– 17/08/2023	
5.	Weather Condition	Clear	11.Analyzed by	Ms. Shivani Chaturvedi	
6.	Method of Sampling	PCS/WI/SAMP/21			
7.	Lab Code	PCS23/149/912			

S. No.	Parameter	Units	Reference Method*	Results	Standard*
1	pH	-	APHA 4500H+ - B	8.02	5.5 to 9.0
2	Total Dissolved Solids (TDS)	mg/l	APHA 2540- C	831	-
3	Total Suspended Solids (TSS)	mg/l	APHA 2540-D	45.7	100
4	COD	mg/l	APHA 5220-C	40.0	250
5	BOD (3days at 27 ⁰ C)	mg/l	IS:3025 (Part 44) 1993 RA 2009	9.0	30

*Standard as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 Notified vide G.S.R. 978(E) dated 10.10.2016, published in the Gazette No. 719 dated 10.10.2016.

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5. No deviation as per Standard Method.

Authorized Signatory



(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Test Report for Soil Quality

ULR- TC824123000001314



Report No. PCS/SQ/01/2023	Reference No. PCS/L&T/04/2023	Issue Date 21/08/2023
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1. Name & address of Industry:	M/s Larsen and Toubro Limited Camp Office at KM-18, Khasra No.37 Hapur- Kithaur Road, Opp. Jai Doon Public School, Atola District-245206 Uttar Pradesh		
2. Type of industry:	Construction	8. Method of Sampling:	PCS/WI/SAMP/21
3. Sample collected by:	Mr. Vipin Mr. Sunil	9. Date of sampling:	11/08/2023
4. Weather Condition:	Clear Sky	10. Sample receipt in lab:	12/08/2023
5. Sampling Location:	Atrada (CH 17+850)	11. Date of Analysis:	12/08/2023- 17/08/2023
6. Lab Code:	PCS23/149/913	12. Sample Analyzed By	Mr. Ajay Kumar
7. Quantity of Sample:	1 kg		

Sl. No.	Parameters	Unit	Result
1.	Bulk Density	g/cc	1.45
2.	Water Holding Capacity	%	24.5
3.	Soil Texture	-	Sandy
	Sand	%	68.0
	Silt	%	19.0
	Clay	%	13.0
4.	pH	-	8.76
5.	Conductivity	µS/cm	556.3
6.	Sodium	mg/kg	52.0
7.	Potassium	mg/kg	40.3
8.	Available Phosphorus	mg/kg	16.48
9.	Organic Carbon	%	0.28
10.	Total Kjeldhal Nitrogen	mg/kg	302.4
11.	Iron	mg/kg	0.65
12.	Cadmium	mg/kg	0.98
13.	Zinc	mg/kg	1.95
14.	Manganese	mg/kg	8.95
15.	Lead	mg/kg	6.85
16.	Nickel	mg/kg	0.975
17.	Copper	mg/kg	1.25
18.	Chromium	mg/kg	5.48

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Authorized Signatory

(Dr. Divya Misra)

Managing Director

“End of this Test Report”

Page 1 of 1

Test Report for Soil Quality

ULR- TC824123000001315



Report No. PCS/SQ/02/2023	Reference No. PCS/L&T/04/2023	Issue Date 21/08/2023
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1. Name & address of Industry:	M/s Larsen and Toubro Limited Camp Office at KM-18, Khasra No.37 Hapur- Kithaur Road, Opp. Jai Doon Public School, Atola District-245206 Uttar Pradesh
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2. Type of industry:	Construction	8. Method of Sampling:	PCS/WI/SAMP/21
3. Sample collected by:	Mr. Vipin Mr. Sunil	9. Date of sampling:	11/08/2023
4. Weather Condition:	Clear Sky	10. Sample receipt in lab:	12/08/2023
5. Sampling Location:	Alamnagar (CH-60MJB)	11. Date of Analysis:	12/08/2023– 17/08/2023
6. Lab Code:	PCS23/149/914	12. Sample Analyzed By	Mr. Ajay Kumar
7. Quantity of Sample:	1 kg		

Sl. No.	Parameters	Unit	Result
1.	Bulk Density	g/cc	1.35
2.	Water Holding Capacity	%	27.3
3.	Soil Texture	-	Sandy
	Sand	%	65.0
	Silt	%	20.0
	Clay	%	15.0
4.	pH	-	8.36
5.	Conductivity	µS/cm	576.3
6.	Sodium	mg/kg	53.9
7.	Potassium	mg/kg	39.2
8.	Available Phosphorus	mg/kg	15.13
9.	Organic Carbon	%	0.36
10.	Total Kjeldhal Nitrogen	mg/kg	235
11.	Iron	mg/kg	0.68
12.	Cadmium	mg/kg	0.83
13.	Zinc	mg/kg	1.38
14.	Manganese	mg/kg	8.45
15.	Lead	mg/kg	5.35
16.	Nickel	mg/kg	0.9
17.	Copper	mg/kg	1.02
18.	Chromium	mg/kg	4.48

Note:

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Authorized Signatory



(Dr. Divya Misra)
Managing Director

“End of this Test Report”

Page 1 of 1