ENVIRONMENT REPORT - PKG-07 (CAMP-01)







Research Laboratories Pvt. Ltd.

CIN NO - U73100UP2009PTC037857

Accredited by NABL as per ISO/IEC 17025 : 2017

Recognized by MoEFCC (Govt. of India) Under EPA 1986 | (Vide F. No. LB/99/7/2021-Sublab-HO-CPCB-HO/Pvt-322/92)

TEST REPORT

	Format No. 7.8F-01	
Report No.	Sample code	Report issue date
TC-639423000000728F	SMPL/AAQ/728/2023	21/10/2023
	SAMPLING DETAILS	
1 None and Address of Customer:	M/s Patel Infrastructure Li	d. Ganga Express Way Project (Plant-1130)

1.	Name and Address of Customer		M/s Patel Infrastructure Ltd. Ganga Expr	ress Way Project (Plant-1130)	
2.	Type of Sample:		Ambient Air		
3.	Sampling Location:		Package-7 At site CH324+000 Camp-1 N	Near Batching Plant	
4.	Date of sampling:		07/10/2023-08/10/2023		
5.	Sample collected by:		SRLPL Team		
6.	Method of Sampling:		SRL/QR/SP/01		
7.	Packing condition:		Sealed		
8.	Laboratory Sample Receiving d	ato:	16/10/2023		
9,	Period of Sample analysis:	0,00	16/10/2023-21/10/2023	- 20	
10.	Humidity (%)	45	Ambient Temperature(°C)	30	
11.	Sampling Machine Placed:		3 m above the ground level		

AMBIENT AIR TESTING RESULT

S. No.	Parameter	Test Method	Result	Unit	Standards limits (24 hours) *
1	Respirable Particulate Matter (PM ₁₀)	IS 5182 PART 23 2006	92.0	μg/m ^s	100
2	Respirable Particulate Matter (PM25)	CPCB, Volume-I	54.8	μg/m°	60
3	Sulphur Dioxide (SO ₂)	IS 5182 (Part 2)	20.7	μg/m'	80
4	Nitrogen Oxides (as NO ₂)	IS 5182 (Part 6)	32.6	μg/m°	80

Page-1/2

Signatory)

END OF REPORT

Note-1. This result hated refer only to tested sample and applicable parameter.

2 This certified is not to be reproduced wholly or parts promotional publicity or legal purpose without permission of authority of SRLPL.

3. The sample will be destroyed after 21 days from date of issue of test report unless otherwise specified.

4. Any discrepancy found in the report may be communicated within seven days.





CIN NO :- U73100UP2009PTC037857

Report No.	Sample code	Report issue date
RPT/2300448	SMPL/AAQ/728/2023	21/10/2023
	SAMPLING DETAIL	

1,	Name and Address of Customer: M/s Patel Infrastructure Ltd, Ganga Express Way Projection 1130)		ress Way Project (Plant-		
2.	Type of Sample:		Ambient Air		
3.	Sampling Location:		Package-7 At site CH324+000 Camp-1N	lear Batching Plant	
4.	Date of sampling:		07/10/2023-08/10/2023		
5.	Sample collected by:		SRLPL Team		
6.	Method of Sampling:		SRL/QR/SP/01		
7.	Packing condition:		Scaled Sealed		
8.	Laboratory Sample Receiving date:		16/10/2023		
9.	Period of Sample analysis:		16/10/2023-21/10/2023		
10.	Humidity (%)	45	Ambient Temperature(°C) 30		
11.	Sampling Machine Placed:		3 m above the ground level		

AMBIENT AIR TESTING RESULT

S. No.	Parameter	Test Method	Result	Unit	Standards limits (24 hours)
1	Carbon Monoxide (as CO) (8 hrs.)	IS 5182 (Part 10)	0.32	mg/m	02

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END OF REPORT

(Reviewed By)

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11. Sampling Machine Placed:





Research Laboratories Pvt. Ltd.

CIN NO :- U73100UP2009PTC037857 Accredited by NABL as per ISO/IEC 17025 : 2017

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TEST REPORT Format No- 7,8F-01

	Report No.		Sample code	Report issue date		
T	C-639423000000729F	SMI	PL/AAQ/729/2023	21/10/2023		
		5	SAMPLING DETAILS			
1.	Name and Address of Customer:		M/s Patel Infrastructure Ltd. G	anga Express Way Project (Plant-1130)		
2.	Type of Sample:		Ambient Air			
3.	Sampling Location:		Package-7 At site CH324+000 Camp-1 Office Area			
4.	Date of sampling:		08/10/2023-09/10/2023			
5.	Sample collected by:		SRLPL Team			
6.	Method of Sampling:		SRL/QR/SP/01			
7.	Packing condition:	Packing condition: Sealed				
8.	Laboratory Sample Receiving date:		16/10/2023			
9.	Period of Sample analysis:	With	16/10/2023-21/10/2023			
10.	Humidity (%)	45	Ambient Temperature(°C)	30		
11.	Sampling Machine Placed:		3 m above the ground level			

AMBIENT AIR TESTING RESULT

S. No.	Parameter	Test Method	Result	Unit	Standards limits (24 hours) *
1	Respirable Particulate Matter (PM ₁₀)	IS 5182 PART 23 2006	89.9	µg/m ^s	100
2	Respirable Particulate Matter (PM: 5)	CPCB, Volume-I	51.9	μg/m°	60
3	Sulphur Dioxide (SO ₂)	IS 5182 (Part 2)	19.0	μg/m³	80
4	Nitrogen Oxides (as NO ₂)	IS 5182 (Part 6)	29.8	μg/m'	80

Page-1/2

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END OF REPORT

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Research Laboratories Pvt. Ltd.

CIN NO :- U73100UP2009PTC037857

Report No.		Sample code	Report issue date		
RPT/2300449	SMPL/A	AQ/729/2023	21/10/2023		
	S	AMPLING DETAIL			
Name and Address of Customer:		M/s Patel Infrastructure Ltd 1130)	. Ganga Express Way Project (Plant-		
Type of Sample:		Ambient Air	Ambient Air		
		Package-7 At site CH324+0	Package-7 At site CH324+000 Camp-1 Office Area		
Sample collected by:		75.5.00.000.000.000.000.000			
Method of Sampling:					
		Sealed	Sealed		
	45	Ambient Temperature(°C)	30		
		3 m above the ground level			
	Name and Address of Customer: Type of Sample: Sampling Location: Date of sampling: Sample collected by: Method of Sampling: Packing condition:	Name and Address of Customer: Type of Sample: Sampling Location: Date of sampling: Sample collected by: Method of Sampling: Packing condition: Laboratory Sample Receiving date: Period of Sample analysis: Humidity (%) 45	SAMPLING DETAIL Name and Address of Customer: M/s Patel Infrastructure Ltd. 1130) Type of Sample: Ambient Air Sampling Location: Package-7 At site CH324+0 Date of sampling: 08/10/2023-09/10/2023 Sample collected by: SRLPL Team Method of Sampling: SRL/QR/SP/01 Packing condition: Sealed Laboratory Sample Receiving date: 16/10/2023 Period of Sample analysis: 16/10/2023-21/10/2023 Humidity (%) 45 Ambient Temperature(°C)		

AMBIENT AIR TESTING RESULT

S. No.	Parameter	Test Method	Result	Unit	Standards limits (24 hours)
1	Carbon Monoxide (as CO) (8 hrs.)	IS 5182 (Part 10)	0.29	mg/m ³	02
	Carbon Monoxide (as CO) (O 113.7	PERSONAL TOWNS 100			Page-2/2

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Sampling Machine Placed:



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CIN NO:- U73100UP2009PTC037857

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TEST REPORT Format No- 7.8F-01

		POPHIAL NO- 7-8E-01			
Report No.		Sample code	Report issue date		
Т	C-639423000000730F	SMPL/AAQ/730/2023	21/10/2023		
		SAMPLING DETAILS			
1.	Name and Address of Customer:	M/s Patel Infrastructure Lt	td, Ganga Express Way Project (Plant-1130		
2.	Type of Sample:	Ambient Air			
3.	Sampling Location:	Package-7 At site CH306+600 on Aliment working			
4.	Date of sampling:	09/10/2023-10/10/2023			
5.	Sample collected by:	SRLPL Team			
6.	Method of Sampling:	SRL/QR/SP/01			
7.	Packing condition:	Sealed			
8.	Laboratory Sample Receiving date:	16/10/2023			
9.	Period of Sample analysis:	16/10/2023-21/10/2023			
10.	Humidity (%)	45 Ambient Temperature(°C	30		

AMBIENT AIR TESTING RESULT

3 m above the ground level

S. No.	Parameter	Test Method	Result	Unit	Standards limits (24 hours) *
1	Respirable Particulate Matter (PM ₁₀)	IS 5182 PART 23 2006	91,6	μg/m³	100
2	Respirable Particulate Matter (PM: s)	CPCB, Volume-I	53.6	μg/m ^s	60
3	Sulphur Dioxide (SO ₂)	IS 5182 (Part 2)	19.8	μg/m'	80
4	Nitrogen Oxides (as NO ₂)	IS 5182 (Part 6)	31.3	μg/m'	80

Page-1/2

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END OF REPORT

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CIN NO :- U73100UP2009PTC037857

TEST REPORT

	Format No- 7.8F-01	- All - I I I I I I I I I I I I I I I I I I
Densit Va	Sample code	Report issue date
Report No.		21/10/2023
RPT/2300450	SMPL/AAQ/730/2023	2111/1/2000

1.	Name and Address of Customer:		M/s Patel Infrastructure Ltd. Ganga Expr	ess Way Project (Plant-	
	Transc and Fadeross or Stanson		1130)		
2.	Type of Sample:		Ambient Air	- W	
3.	Sampling Location:		Package-7 At site CH306+600 on Aliment working		
4.	Date of sampling:		09/10/2023-10/10/2023		
5.	Sample collected by:		SRLPL Team		
6.	Method of Sampling:		SRL/QR/SP/01		
7.	Packing condition:		Sealed Sealed		
8.	Laboratory Sample Receiving da	e:	16/10/2023		
9.	Period of Sample analysis:		16/10/2023-21/10/2023		
10.	Humidity (%)	45	Ambient Temperature(°C)	30	
11.	Sampling Machine Placed:		3 m above the ground level		

AMBIENT AIR TESTING RESULT

S. No.	Parameter	Test Method	Result	Unit	Standards limits (24 hours)
1	Carbon Monoxide (as CO) (8 hrs.)	IS 5182 (Part 10)	0.31	mg/m³	02
	Carbon Monoxide (as CO) (6 ms.)	Line and Access to			Page-2/2

END OF REPORT

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TEST REPORT

Report No	Format No- 7.8F-01 Sample code	Report issue date
TC-639423000000731F	SMPL/ANQ/731/2023	21/10/2023
	SAMPLING DETAILS	
Name and Address of Customer:	M/s Patel Infrastructure Ltd. 1130)	Ganga Express Way Project (Plant-
Type of Sample:	Ambient Noise	
Date of Sampling: 07/10/2023-08/10/2023	Sampling Period:	24 Hrs
Sample Collected by:	SRLPL Team	
Method of Sampling:	SRL/QR/SP/01	
Laboratory Data Receiving date:	16/10/2023	
Period of Data analysis:	16/10/2023-21/10/2023	

AMBIENT NOISE RESULT

	Test Method		Day		1	Night	
Noise Location		L Max	L Min	Avg	L Max	L Min	Avg
Package-7 At site 324+000 Near workshop	IS-9989	80.00	60.70	70.35	70.20	51.00	60.60

Noise (Ambient Standard)

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

- | Day time shall mean from 6.00 a.m. to 10.00 p.m.
 | Night time shall mean from 10.00 p.m. to 6.00 a.m. to 6.00 a.m.
 | Silence score is an area comprising not less than 100 meters around hospituls, 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 nathority.

**END OF REPORT **

(Reviewed By)

Note-1. This result listed refer only to tested sample and applicable parameter.

2. This certified is not to be uptoduced wholly or para permitted publicity of legal purpose without parameters of SRLPL.

3. The sample will be destroyed other 21 days from date of some of test report unless other a set specialled.

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Report No.

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Research Laboratories Pvt. Ltd.

CIN NO :- U73100UP2009PTC037857

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TEST REPORT Format No. 7.8F-01

TC-639423000000732F	SMPL/ANQ/732/2023	Report issue date
	SAMPLING DETAILS	21/10/2023
Name and Address of Customer:		Ltd, Ganga Express Way Project (Plant-
Type of Sample:	Ambient Noise	
Date of Sampling: 08/10/2023-09/10/2023	Sampling Period:	24 Hrs
Sample Collected by:	SRI PI Team	271113

Method of Sampling: SRL/QR/SP/01 Laboratory Data Receiving date: 16/10/2023 Period of Data analysis: 1610/2023-21/10/2023

AMBIENT NOISE RESULT

Notes Tarent	Test Method		Day	21	Ni	ght	
Noise Location		L Max	L Min	Avg	L Max	L Min	Avg
Package-7 At site CH324+000 near Accommodation	IS-9989	79.67	59.90	69.79	69,50	50.58	60.04

Noise (Ambient Standard)

Area Code	Category of Area	Limit in dB	(A) Leq
		Day Time	Night Time
A	Industrial Area	75	70
В	Commercial Area	65	55
C	Residential Area	55	55
D	Silence Zone	33	45
1.6	STORE ZORE	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m.
 Night time shall mean from 10.00 p.m. to 6.00 p.m.
 Night time shall mean from 10.00 p.m. to 6.00 p.m.
 Silence sone is an area comprising not less than 100 meters around buspitals, 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.

END OF REPORT

(Reviewed By)

Name I. This would intend refer analytic tested compile and applicable parameter.

2. This consists is not to be reproduced which you parts promotioned publicity or logal purpose without parameters of authority of SRLPL.

3. The sample will be destroyed other 2.1 days from date of state of loss in myort unless otherwise specified.

4. Any discrepancy found in the seport may be communicated within secondary.

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Page-1/1 lab







CIN NO -- U73100UP2009PTC037857 Accredited by NABL as per ISO/IEC 17025 : 2017

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TEST REPORT Format No. 7 8F nt

TC-639423000000733F	Sample code SMPL/ANQ/733/2023	Report issue date 21/10/2023
N	SAMPLING DETAILS	
Name and Address of Customer:	M/s Patel Infrastructure Ltd. (Janga Express Way Project (Plant-
Type of Sample:	Ambient Noise	
Date of Sampling: 08/10/2023-09/10/2023	C I B I	Hrs
Sample Collected by:	SRLPL Team	LIIS
Method of Sampling:	SRL/QR/SP/01	
I about town D. t. D t.	Present Street 101	

Period of Data analysis: 16/10/2023-21/10/2023 AMBIENT NOISE DESILIT

Noise Location	Test Method		Day			Night	
		L Max	L Min	Avg	L Max	L Min	Avg
Package-7 At site CH324+000 Near Batching Plant Camp-1	IS-9989	82.80	63.72	73.26	73.80	53.82	63.81

16/10/2023

Noise (Ambient Standard) Area Code Category of Area Limit in dB (A) Leq Day Time Night Time A Industrial Area 70 B Commercial Area 65 55 Residential Area 55 45 D Silence Zone 50 40

Note:

I. Day tube shall mean from 6.00 a.m. to 10.00 p.r.

Laboratory Data Receiving date:

- Night time shall mean from 10.00 μ m to 6.00 μ m
- Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such

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

**END OF REPORT **

(Reviewed By)

Note: I. The court issed refer only to tested sample and applicable parameter.

2. This confidd is not to be reproduced wholly one-parts primitational publicity or legal purpose without permission afauthonly of SRLPL.

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TEST REPORT

Report No	Sample code	Report issue date
C-639423000000734F	SMPL/ANO/734/2023	21/10/2023

SAMPLING DETAILS Name and Address of Customer: M/s Patel Infrastructure Ltd. Ganga Express Way Project (Plant-1130) Type of Sample: Ambient Noise Date of Sampling: 07/10/2023-08/10/2023 Sampling Period: 24 Hrs Sample Collected by: SRLPL Team Method of Sampling: SRL/QR/SP/01 Laboratory Data Receiving date: 16/10/2023 Period of Data analysis: 16/10/2023-21/10/2023

AMBIENT NOISE RESULT

No. 1	Test Method	Test Method Day		Night			
Noise Location		L Max	L Min	Avg	L Max	L Min	Avg
Package-7 At site CH324+000 Near office	IS-9989	78.50	59.20	68.85	68.78	50.00	59.39

Noise (Ambient Standard)

Area Code	Category of Area	Limit in dB	(A) Leq
		Day Time	Night Time
A	Industrial Area	75	70
В	Commercial Area	65	55
С	Residential Area	55	45
D	Silence Zone	50	40

- 1 Day time shall mean from 5.00 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 meters 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 competen; authority

**END OF REPORT **

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3. This sample will be described after 21 days from date of some of test report unities otherwise specified.

4. Any descriptions found in the report may be communicated within speeds days.

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CIN NO:- U73100UP2009PTC037857 Accredited by NABL as per ISO/IEC 17025: 2017

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TEST REPORT

Format No- 7,8F-6 Sample code Report No Report issue date TC-639423000000735F SMPL/ANQ/735/2023 21/10/2023 SAMPLING DETAILS Name and Address of Customer: M/s Patel Infrastructure Ltd. Ganga Express Way Project (Plant-1130) Type of Sample: Ambient Noise Date of Sampling: 09/10/2023-10/10/2023 Sampling Period: 24 Hrs Sample Collected by: SRLPL Team Method of Sampling: SRL/QR/SP/01 Laboratory Data Receiving date: 16/10/2023 Period of Data analysis: 16/10/2023-21/10/2023

AMBIENT NOISE RESULT

Noise Location	Test Method		Day	-30		Night	
And the property of the proper		L Max	L Min	Avg	L Max	L Min	Avg
Package-7 At site CH324+000 Pakona Plant Camp-1	IS-9989	81.90	62.70	72.30	71.90	52.80	62.35

Noise (Ambient Standard)

Area Code	Category of Area	Limit in dB	B(A) Leq	
Λ	Industrial Assessment	Day Time	Night Time	
74	Industrial Area	75	70	
В	Commercial Area	65		
C	Residential Area	55	22	
D	Silence Zone	33	45	
offer I Decision	Strence zone	50	40	

- mean from 6.00 a.m. to 10.00 p.m.
- Night time shall mean from 10.00 p.m. to 6.00 a.m.
 Science zone is an area comprising nor less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such

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

END OF REPORT

(Reviewed By)

Note-1, this hould have defer only to resind sample and applicable guaranter.

2. This service a not in be reproduced wholly or pars protectional guidacity or legal purpose without persuasion of authority of SRLP1.

3. The sample will be destroyed after 21 class front date of issue of test report unless inherwise specified.

4. Any discrepancy found in the report may be communicated within sever days.

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CIN NO :- U73100UP2009PTC037857

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TEST REPORT

Sample code MPL/ANQ/736/2023 MPLING DETAILS M/s Patel Infrastructure	Report issue date 21/10/2023				
M/s Patel Infrastructure I					
1130)	M/s Patel Infrastructure Ltd. Ganga Express Way Project (Plant-				
Ambient Noise					
	24 Hrs				
	271113				
TOTAL STORY OF THE PARTY.					
6/10/2023-21/10/2023					
	Ambient Noise Sampling Period: SRLPL Team SRL/QR/SP/01 6/10/2023				

AMBIENT NOISE RESULT

Noise Location	Test Method		Day			Night	
		L Max	L Min	Avg	L Max	L Min	Avg
Package-7 At site CH324+700	IS-9989	82,67	63.50	73.09	72.67	53.76	63.22

Noise (Ambient Standard)

Area Code	Category of Area	Limit in dB	B (A) Leq	
A		Day Time	Night Time	
A	Industrial Area	75	70	
В	Commercial Area	65	70	
C	Residential Area	55	22	
D	Silence Zone	33	45	
ote: Day time s	all mean from 6 IVI a.m. to 10 00 a.m.	50	40	

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 irrea comprising not less than 100 meters 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.

END OF REPORT

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2. The certified is not to be reproduced wholly or ports promotional publicity or legal purpose without permassion of authority of SRLPs.

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CIN NO:- U73100UP2009PTC037857

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Report No	Sample code	Report issue date				
TC-639423000000737F	SMPL/ANQ/737/2023	21/10/2023				
N. C.	SAMPLING DETAILS					
Name and Address of Customer:	M/s Patel Infrastructure Ltd. Ganga Express Way Project (Plant 1130)					
Type of Sample:	Ambient Noise					
Date of Sampling: 09/10/2023-10/10/2023	Sampling Period:	24 Hrs				
Sample Collected by:	SRLPL Team	27113				
Method of Sampling:	SRL/QR/SP/01					
Laboratory Data Receiving date:	16/10/2023					

16/10/2023-21/10/2023 AMBIENT NOISE RESULT

Test Method	Day			Night		
	L Max	L Min	Avg	L Max		Avg
IS-9989	80.30	61.20	70.75			61.22
		L Max	Test Method Day L Max L Min	L Max L Min Avg	L Max L Min Avg L Max	L Max L Min Avg L Max L Min

Area Code	Category of Area	Limit in dB	B(A) Leq	
		Day Time	Night Time	
A	Industrial Area	75	70	
В	Commercial Area	65	70	
C	Residential Area	65	- 55	
D	Silence Zone	- 33	45	
nter Libert	Silence Zone	50	40	

Day time shall mean from 6.00 a.m. to 10.00 p.m.

Night time shall mean from 10.00 p.m. to 6.00 n.m.
 Science zone is an area comprising not less than 100 meters around hospitals, educational matitutions, 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.

END OF REPORT

(Authorized)

(Reviewed By)

Period of Data analysis:

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The sample will be destroyed after 2% days from date of issue-of tool report milest otherwise specified.

Any discontance found in the report may be communicated within asset days.









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TEST REPORT

Sample code	B			
SMPL/ANQ/738/2023	Report issue date 21/10/2023			
SAMPLING DETAILS				
M/s Patel Infrastructure Ltd. Ganga Express Way Project (Plant-				
Ambient Noise				
C P T	4.57			
	4 Hrs			
	M/s Patel Infrastructure Ltd. (1130) Ambient Noise			

AMBIENT NOISE RESULT

Noise Location	Test Method	Day Night				Night		
		L Max	L Min	Avg	L Max		I A some	
Package-7 At site 337+912	IS-9989	81.70		77. 64		L Min	Avg	
	10.3202	01.70	61.37	/1.54	71.20	52.00	61,60	

Area Code	Category of Area	Limit in dB (A) Leq		
. A	Industrial Area	Day Time	Night Time	
В	Commercial Area	75	70	
C	Residential Area	65	55	
D	Silence Zone	55	45	
ote: Day time s	nall mean from 6.60 a.m. to 10.00 a.m.	50	40	

Sight rines shall mean from 10.00 p.m. to 6.00 a.m.

Night rines shall mean from 10.00 p.m. to 6.00 a.m.

Silence zone is an area comprising not less than 100 meters 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

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4. Any discrepancy found on the report may be communicated within seven days.





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TEST REPORT

4.7	ULR/Report No	Format No- 7,8F-01		
		Sample code	Report issue date	
	TC-639423000000739F SN	IPL/DWQ/739/2023	21/10/2023	
-	SAM	PLING DETAILS		
1.	Name and Address of Customer:	M/s Patel Infrastructure Lt 1130)	d. Ganga Express Way Project (Plant-	
2.	Sampling Location:	Package-7 At site CH324+000 Near Accommodation		
3,	Type of Sample:	Ground Water		
4.	Date of sampling: 09/10/2023	Sampling Timing:	1100.00	
5.	Sample collected by:	SRLPL Team	11:27 AM	
6.	Method of Sampling:	SRL/QR/SP/01		
7.	Packing condition: Sealed	Container:		
8.	Laboratory Sample Receiving date:	16/10/2023	2 Liter, HDPE	
9.	Period of Sample analysis:	16/10/2023 21/10/2023		

Sr.	Parameters	GROUND	WATER TEST	ING RESUL		
No.	rarameters	Reference	Unit	Result	BIS Standard IS 10500: 2012	
		Method			Requirement (Acceptable limit)	Permissible limi in theabsence of alternate source
1	pH	IS 3025 P,11	-	7.33	6.5 - 8.5	NR*
2	Turbidity	IS 3025 P,10	NTU	1.0	1	5
3	Electrical Conductivity	IS 3025 P,14	µmhos/cm	494		
4	Total Suspended Solids	IS 3025 P,17	mg/l	7	(6.75)	
5	Total Dissolve Solids	IS 3025 P,16	mg/l	206	500	-
6	Total Solids	IS 3025 P,15	mg/l	213	200	2000
7	Total Hardness as CaCO3	IS 3025 P.21	mg/l	118	200	-
8	Calcium as Ca	IS 3025 P,40	mg/l	72	200	600
9	Magnesium as Mg	IS 3025 P,46		51075	75	200
10	Total Alkalinity as CaCO3	IS 3025 P,23	mg/l	7.1	30	100
11	Chloride as Cl	IS 3025 P,32	mg/l	128.5	200	600
12	Sulphate as SO4	IS 3025 P.24	mg/l	20.0	250	1000
13	Nitrate as NO3	IS 3025 P.34	mg/l	19.0	200	400
14	Fluoride as F		mg/l	6.0	45	NR*
15	Residual Free Chlorine	IS 3025 P,60	mg/l	BDL	1	1,5
16	Iron as Fe	IS 3025 P,26	mg/l	NT	0.2	1
17	Sodium as Na	IS 3025 P,53	mg/I	BDL	0.3	NR*
1000		APHA 3500-Na, B	mg/l	21.0		Jah .
18	Potassium as K	APHA 3500-K, B	mg/l	9.7	- 760	Laborotail

BDL*below detection Limit NR*=No Relaxation, NT*=No Traceable.

END OF REPORT

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1. The sample will be destroyed after 21 days from doze of facus of less report unless otherwise assembled.

4. Any discrepancy found is the report may be communicated within accountage.

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TEST REPORT

	ULR/Report No TC-639423000000740F	Sample code SMPL/SWQ/740/2023	Report issue date
1.		SAMPLING DETAIL	21/10/2023
	Address of Customer:	M/s Patel Infrastructure Ltd. Way Project (Plant-1130)	Ganga Express
2.	Sampling Location:	Pay Project (Plant-1130)	200
3.	Type of Sample :	Package-7 At site CH329+(037 at Canal
4.	Date of sampling: 09/10/2023	Surface Water	
5.	Sample collected by:	Sampling Timing:	16:10 PM
6.	Method of Sampling :	SRLPL Team	30.10 F.M
7.	Packing condist	SRL/QR/SP/01	
8.	Laboratory S. J. D. Seale	ed Container:	27'
	Laboratory Sample Receiving date:	16/10/2023	2 Liter, HDPE
9.	Period of Sample analysis:	16/10/2023-21/10/2023	

SURFACE WATER TESTING RESULT

Sr. No.	Parameters	Parameters Reference Unit Result			Standard As per ISI-IS: 2296-1982				2
1	pH	IS 3025 P,11			A	В	C	D	E
2	Turbidity	15 3025 P,11	3-3	7.72	8.5	8.5	8.5	8.5	_
3	Electrical Conductivity	IS 3025 P,10	NTU	14	-	1	0.0	0,3	8.5
4	Total Suspended Solids	IS 3025 P,14	μmhos/cm	544	-	10	- 1	1000	- 224
5	Total Dissolve Solids	IS 3025 P,17	mg/l	27.8				1000	225
6	Total Solids	IS 3025 P,16	mg/l	267	500		1500	-	-
7	Total Hardness as CaCO ₃	IS 3025 P,15	mg/l	294.8	200		1500		210
8	Calaises G	IS 3025 P,21	mg/l	156	300		-	*	+
9	Calcium as Ca	IS 3025 P,40	mg/l	46.49	80.1	-	-		-
10	Magnesium as Mg	IS 3025 P,46	mg/l	9.67				- 1	
	Total Alkalinity as CaCO3	IS 3025 P,23	mg/l	202	24.28	*	-	-	3
11	Chloride as CI	IS 3025 P,32	mg/l	The second secon		-	-	-	-
12	Sulphate as SO ₄	IS 3025 P,24	The state of the s	21.99	250	-	600		600
13	Nitrate as NO ₃	IS 3025 P,34	mg/I	15.3	400	*6	400		100
14	Fluoride as F	IS 3025 P,60	mg/l	12.39	20		50		-
15	Iron as Fe		mg/l	0.51	1.5	1.5	1.5		
16	Biochemical Oxygen Demand	IS 3025 P,53	mg/l	0.1	0.3		50	-	-
17	Chemical Oxygen Demand	IS 3025 P,44	mg/l	44	2	3	3		
18	Dissolve Oxygen	IS 3025 P,58	mg/l	260	-	-	-	-	
19	Oil & Grease	IS 3025 P,44	mg/l	5.2	6	5	4	4	-
below deta	ection Limit NR*=No Relaxation, NT**=N	IS 3025 P,39	mg/l	1.2			0.1	0.1	

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END OF REPORT

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TEST REPORT

	Format No- 7.8F-01	
Report No	Sample code	Report issue date
TC-639423000000741F	SMPL/SQ/741/2023	21/10/2023

	SAN	IPLING DETAIL		
1	Name and Address of Customer:	M/s Patel Infrastructure Ltd. Ganga Express Way Project (Plant-1130)		
2	Sampling Location:	Package-7 At site CH324+000 wo	rkshop	
3	Type of Sample:	Soil		
4	Date of sampling: 07/10/2023	Sampling Timing:	13:45 PM	
5	Sample collected by:	SRLPL Team		
6	Method of Sampling:	SRL/QR/SP/01		
7	Packing condition: Sealed	Container: 2	kg/PP Bag	
8	Laboratory Sample Receiving date:	16/10/2023	-	
9	Period of Sample analysis:	16/10/2023-21/10/2023		
10	Humidity (%) 45	Ambient Temperature(°C)	30	

SOIL TESTING RESULT

S. No.	Parameters	Unit	Test Method	Result
1.	pH	-	IS:2720(PART-26):2011	7.69
2.	Conductivity	μmhos/cm	IS:14767 2000: 2016	0.036
3,	Moisture content	%	IS:2720(PART 2):2015	12.05
4.	Organic Matter	%	IS:2720(PART 22):2015	2.02
5.	Water Holding Capacity	%	USDA Method	45.53
				Page-10boros

END OF REPORT

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CIN NO :- U73100UP2009PTC037857

TEST REPORT

Report No RPT/2300451		Sample code	Report issue date
		SMPL/SQ/741/2023	21/10/2023
1	Name and Address of Customer:	MPLING DETAIL M/s Patel Infrastructure L (Plant-1130)	td. Ganga Express Way Project
2	Sampling Location:	Package-7 At site CH324	+000 workshon
3	Type of Sample:	Soil	
4	Date of sampling: 07/10/2023	Sampling Timing:	13:51 PM
5	Sample collected by:	SRLPL Team	13,31 1 W
6	Method of Sampling:	SRL/QR/SP/01	
7	Packing condition: Sealed	Container:	2 kg/PP Bag
8	Laboratory Sample Receiving date:	16/10/2023	2 Kg/11 Bag
9	Period of Sample analysis:	16/10/2023-21/10/2023	1 11 2
- 12		A TO	

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SOIL J	ESI	IIIG	KLO	ULL

Ambient Temperature(°C)

45

S. No.	Parameters	Unit	Result
1.	Soil Texture	-	Sandy Loam
2.	Magnesium	mg/kg	99.35
3.	Sodium	mg/kg	83.70
4.	Total Organic Carbon	mg/kg	1.17
5.	Bulk Density	g/cm ⁻	2.41
6.	Chloride	mg/kg	15.99
7.	Iron	mg/kg	17.5
8.	Copper	mg/kg	0.16
9.	Lead	mg/kg	1.29
10.	Mercury	mg/kg	BDL*
11.	Zinc	mg/kg	1.9
12.	Total Phosphorus	mg/kg	NT**
13.	Cadmium	mg/kg	NT**
14.	Arsenic	mg/kg	NT**
15.	Hexavalent Chromium	mg/kg	1.5
16.	Nickel	mg/kg	NT**
17.	Molybdenum	mg/kg	NT**
18.	Selenium	mg/kg	NT**
DL*belov	detection Limit NR*-No Relaxation, NT**-No T	Faceable	151

10 Humidity (%)

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