

CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018





TC-5879

### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNIAR



Customer Reference No.	NA	Report No.	ETL/04072024/1516
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Ambient Air	ULR NO.	TC587924000002600F
Sample Condition	Satisfactory	Sample Reg. No.	ETL/A/29062024/1516
Sampling Location	Near Admin Block Garden	Date of Sampling	27.06.2024 - 28.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 -04.07.2024

Discipline: Chemical Group : Atmospheric Pollution

TECHNICAL DATA			
l	Location of Sampling Station	Near Admin Block Garden	
2	Instrument Used for Sampling	RDS, PM <sub>2.5</sub> Sampler & Gaseous sampler	
3	Source of Sampling	Ambient Air	
1	Temperature of Sampling Location	30°C	
5	Environmental Condition	Max temp.37°C	
	S AFTER THE SECOND CONTRACTOR OF THE SECOND	Min temp. 26°C	
		Clear Sky,	
,	Flow Rate of Sampling	0.2 & 1 LPM	
7	Time Period for Sampling	24 Hr	

SrNo	PARAMETERS	RESULTS	STANDARD LIMIT	DETECTION LIMIT	TEST METHOD
1.	Respirable Suspended Particulate Matter( PM <sub>10</sub> )	91	100.0 μg/m <sup>3</sup>	10 μg/m <sup>3</sup>	IS:5182(Pt-23)
2.	Sulphur Dioxide (SO <sub>2</sub> )	15	80.0 μg/m <sup>3</sup>	2.0 μg/m <sup>3</sup>	IS:5182(Pt-2)
3.	Nitrogen Dioxide (NO <sub>2</sub> )	28	80.0 μg/m <sup>3</sup>	2.0 μg/m <sup>3</sup>	IS:5182(Pt-6)
4.	Fine Particulate Matter(PM <sub>2.5</sub> )	51	60.0 μg/m <sup>3</sup>	10 μg/m <sup>3</sup>	IS: 5182(Pt-24
5.	Carbon Monoxide (CO)	1.5	4.0 mg/m <sup>3</sup> (1 hr)	0.5 mg/m <sup>3</sup>	IS:5182(P-10)
6.	Nickel (Ni)	BDL	20.0 ng/m <sup>3</sup>	15 ng/m <sup>3</sup>	IS 5182(Pt-26)
7.	Arsenic (As)	BDL	6.0 ng/m <sup>3</sup>	5.0 ng/m <sup>3</sup>	SOPN0.ETL/air/2022/08
8.	Lead (Pb)	BDL	1.0 μg/m <sup>3</sup>	0.1 μg/m <sup>3</sup>	IS 5182(Pt-22)
9.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	5.0 μg/m <sup>3</sup>	0.5 μg/m <sup>3</sup>	IS 5182(Pt-11)
10.	Benzo(a)pyrene (BaP)	BDL	1.0 ng/m <sup>3</sup>	1.0 ng/m <sup>3</sup>	IS 5182(Pt-12)
11.	Ammonia (NH <sub>3</sub> )	BDL	400.0 μg/m <sup>3</sup>	20 μg/m <sup>3</sup>	IS 5182(Pt-25)
12.	Ozone (O <sub>3</sub> )	28	180.0 μg/m <sup>3</sup> (1 hr)	5.0 μg/m <sup>3</sup>	IS:5182 (Pt-9)

BDL: Denotes below detection limit

Note

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any mediawithout prior permission.

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

(Authorized Signatory)

Quality Manager Envillageethdfaboratories

\*\* End of Report\*\*



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PARISTO PEPPROPEP3P



TC-5879

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, **PUNJAB** 



Customer Reference No.	NA	Report No.	ETL/04072024/1517
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Ambient Air	ULR NO.	TC587924000002601F
Sample Condition	Satisfactory	Sample Reg. No.	ETL/A/29062024/1517
Sampling Location	Factory Boundary Wall- Near Sarkanda Yard	Date of Sampling	27.06.2024 - 28.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 -04.07.2024

Discipline: Chemical	Group : Atmospheric Pollution
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TECHNICAL DATA				
1	Location of Sampling Station	Factory Boundary Wall- Near Sarkanda Yard		
2	Instrument Used for Sampling	RDS, PM <sub>2.5</sub> Sampler & Gaseous sampler		
3	Source of Sampling	Ambient Air		
4	Temperature of Sampling Location	$30^{0}$ C		
5	Environmental Condition	Max temp.37°C		
		Min temp. 26°C		
		Clear Sky,		
6	Flow Rate of Sampling	0.2 & 1 LPM		
7	Time Period for Sampling	24 Hr		

SrNo	PARAMETERS	RESULTS	STANDAR D LIMIT	DETECTION LIMIT	TEST METHOD
1.	Respirable Suspended Particulate Matter( PM <sub>10</sub> )	97	100.0 μg/m <sup>3</sup>	10 μg/m <sup>3</sup>	IS:5182(Pt-23)
2.	Sulphur Dioxide (SO <sub>2</sub> )	13	80.0 μg/m <sup>3</sup>	2.0 μg/m <sup>3</sup>	IS:5182(Pt-2)
3.	Nitrogen Dioxide (NO <sub>2</sub> )	26	80.0 μg/m <sup>3</sup>	2.0 μg/m <sup>3</sup>	IS:5182(Pt-6)
4.	Fine Particulate Matter(PM <sub>2.5</sub> )	54	60.0 μg/m <sup>3</sup>	10 μg/m <sup>3</sup>	IS: 5182(Pt-24
5.	Carbon Monoxide (CO)	1.2	4.0 mg/m <sup>3</sup> (1 hr)	0.5 mg/m <sup>3</sup>	IS:5182(P-10)
6.	Nickel (Ni)	BDL	20.0 ng/m <sup>3</sup>	15 ng/m <sup>3</sup>	IS 5182(Pt-26)
7.	Arsenic (As)	BDL	6.0 ng/m <sup>3</sup>	5.0 ng/m <sup>3</sup>	SOP N0.ETL/air/2022/08
8.	Lead (Pb)	BDL	1.0 μg/m <sup>3</sup>	0.1 μg/m <sup>3</sup>	IS 5182(Pt-22)
9.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	5.0 μg/m <sup>3</sup>	0.5 μg/m <sup>3</sup>	IS 5182(Pt-11)
10.	Benzo(a)pyrene (BaP)	BDL	1.0 ng/m <sup>3</sup>	1.0 ng/m <sup>3</sup>	IS 5182(Pt-12)
11.	Ammonia (NH <sub>3</sub> )	BDL	400.0 μg/m <sup>3</sup>	20 μg/m <sup>3</sup>	IS 5182(Pt-25)
12.	Ozone (O <sub>3</sub> )	25	180.0 μg/m <sup>3</sup> (1 hr)	5.0 μg/m <sup>3</sup>	IS:5182 (Pt-9)

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(Authorized Signatory) Environ Tech Laboratories

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Discipline: Chemical

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P



TC-5879

TEST REPORT

To
M/s KUANTUM PAPERS LTD, SAILA KHURD
TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR,
PLINIAR



Group: Atmospheric Pollution

LOMIND			
Customer Reference No.	NA	Report No.	ETL/04072024/1518
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Ambient Air	ULR NO.	TC587924000002602F
Sample Condition	Satisfactory	Sample Reg. No.	ETL/A/29062024/1518
Sampling Location	Factory Boundary Wall- Near WTP Plant.	Date of Sampling	27.06.2024 - 28.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 -04.07.2024

TECHNICAL DATA Location of Sampling Station Factory Boundary Wall- Near WTP Plant. 2 Instrument Used for Sampling RDS, PM25 Sampler & Gaseous sampler Source of Sampling 3 Ambient Air 4 Temperature of Sampling Location 30°C 5 Max temp.37°C **Environmental Condition** Min temp. 26°C Clear Sky, Flow Rate of Sampling 0.2 & 1 LPM 6

24 Hr

SrNo	PARAMETERS	RESULT S	STANDARD LIMIT	DETECTION LIMIT	TEST METHOD
1.	Respirable Suspended Particulate Matter( PM <sub>10</sub> )	88	100.0 μg/m <sup>3</sup>	10 μg/m <sup>3</sup>	IS:5182(Pt-23)
2.	Sulphur Dioxide (SO <sub>2</sub> )	12	80.0 μg/m <sup>3</sup>	2.0 μg/m <sup>3</sup>	IS:5182(Pt-2)
3.	Nitrogen Dioxide (NO <sub>2</sub> )	26	80.0 μg/m <sup>3</sup>	2.0 μg/m <sup>3</sup>	IS:5182(Pt-6)
4.	Fine Particulate Matter(PM <sub>2.5</sub> )	50	60.0 μg/m <sup>3</sup>	10 μg/m <sup>3</sup>	IS: 5182(Pt-24
5.	Carbon Monoxide (CO)	1.3	4.0 mg/m³ (1 hr)	0.5 mg/m <sup>3</sup>	IS:5182(P-10)
6.	Nickel (Ni)	BDL	20.0 ng/m <sup>3</sup>	15 ng/m <sup>3</sup>	IS 5182(Pt-26)
7.	Arsenic (As)	BDL	6.0 ng/m <sup>3</sup>	5.0 ng/m <sup>3</sup>	SOP N0.ETL/AIR/2022/08
8.	Lead (Pb)	BDL	1.0 μg/m <sup>3</sup>	0.1 μg/m <sup>3</sup>	IS 5182(Pt-22)
9.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	5.0 μg/m <sup>3</sup>	0.5 μg/m <sup>3</sup>	IS 5182(Pt-11)
10.	Benzo(a)pyrene (BaP)	BDL	1.0 ng/m <sup>3</sup>	1.0 ng/m <sup>3</sup>	IS 5182(Pt-12)
11.	Ammonia (NH <sub>3</sub> )	BDL	400.0 μg/m <sup>3</sup>	20 μg/m <sup>3</sup>	IS 5182(Pt-25)
12.	Ozone (O <sub>3</sub> )	23	180.0 μg/m <sup>3</sup> (1 hr)	5.0 μg/m <sup>3</sup>	IS:5182 (Pt-9)

BDL: Denotes below detection limit

Time Period for Sampling

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(Authorized Signatory)
Quality Manager
Eprage Test Laboratories

\*\* End of Report\*\*



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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### **TEST REPORT**

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNIAR



CINJAB			
Customer Reference No.	NA	Report No.	ETL/04072024/1519
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Ambient Air	ULR NO.	TC587924000002603F
Sample Condition	Satisfactory	Sample Reg. No.	ETL/A/29062024/1519
Sampling Location	Factory Gate - Near Petrol Pump	Date of Sampling	27.06.2024 - 28.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 -04.07.2024

Discipline: Chemical Group : Atmospheric Pollution

TECHNICAL DATA			
1	Location of Sampling Station	Factory Gate - Near Petrol Pump	
2	Instrument Used for Sampling	RDS, PM <sub>2.5</sub> Sampler & Gaseous sampler	
3	Source of Sampling	Ambient Air	
4	Temperature of Sampling Location	30°C	
5	Environmental Condition	Max temp.37°C	
		Min temp. 26°C	
		Clear Sky,	
6	Flow Rate of Sampling	0.2 & 1 LPM	
7	Time Period for Sampling	24 Hr	

SrNo	PARAMETERS	RESULTS	STANDARD LIMIT	DETECTION LIMIT	TEST METHOD
1.	Respirable Suspended Particulate Matter( PM <sub>10</sub> )	94	100.0 μg/m <sup>3</sup>	10 μg/m <sup>3</sup>	IS:5182(Pt-23)
2.	Sulphur Dioxide (SO <sub>2</sub> )	8	80.0 μg/m <sup>3</sup>	$2.0  \mu g/m^3$	IS:5182(Pt-2)
3.	Nitrogen Dioxide (NO <sub>2</sub> )	25	80.0 μg/m <sup>3</sup>	$2.0  \mu g/m^3$	IS:5182(Pt-6)
4.	Fine Particulate Matter(PM <sub>2.5</sub> )	53	60.0 μg/m <sup>3</sup>	10 μg/m <sup>3</sup>	IS: 5182(Pt-24
5.	Carbon Monoxide (CO)	1.0	4.0 mg/m <sup>3</sup> (1 hr)	0.5 mg/m <sup>3</sup>	IS:5182(P-10)
6.	Nickel (Ni)	BDL	20.0 ng/m <sup>3</sup>	15 ng/m <sup>3</sup>	IS 5182(Pt-26)
7.	Arsenic (As)	BDL	6.0 ng/m <sup>3</sup>	5.0 ng/m <sup>3</sup>	SOP N0.ETL/air/2022/08
8.	Lead (Pb)	BDL	1.0 μg/m <sup>3</sup>	0.1 μg/m <sup>3</sup>	IS 5182(Pt-22)
9.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	5.0 μg/m <sup>3</sup>	$0.5  \mu g/m^3$	IS 5182(Pt-11)
10.	Benzo(a)pyrene (BaP)	BDL	1.0 ng/m <sup>3</sup>	1.0 ng/m <sup>3</sup>	IS 5182(Pt-12)
11.	Ammonia (NH <sub>3</sub> )	BDL	400.0 μg/m <sup>3</sup>	20 μg/m <sup>3</sup>	IS 5182(Pt-25)
12.	Ozone (O <sub>3</sub> )	29	180.0 μg/m <sup>3</sup> (1 hr)	5.0 μg/m <sup>3</sup>	IS:5182 (Pt-9)

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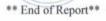
3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

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Quanty Manager

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Discipline: Chemical

# **Environ Tech Laboratories**

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





Group: Atmospheric Pollution

### TEST REPORT

To
M/s KUANTUM PAPERS LTD, SAILA KHURD
TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR,
PUNJAB

Customer Reference No.	NA	Report No.	ETL/04072024/1520
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Ambient Air	ULR NO.	TC587924000002604F
Sample Condition	Satisfactory	Sample Reg. No.	ETL/A/29062024/1520
Sampling Location	Factory Boundary Wall- Near Guest House	Date of Sampling	28.06.2024 - 29.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 -04.07.2024

		TECHNICAL DATA
1	Location of Sampling Station	Factory Boundary Wall- Near Guest House
2	Instrument Used for Sampling	RDS, PM <sub>2.5</sub> Sampler & Gaseous sampler
	Source of Sampling	Ambient Air
	Temperature of Sampling Location	30°C
	Environmental Condition	Max temp.37°C
	1	Min temp. 26°C
		Clear Sky,
	Flow Rate of Sampling	0.2 & 1 LPM
	Time Period for Sampling	24 Hr

SrNo	PARAMETERS	RESULTS	STANDARD LIMIT	DETECTION LIMIT	TEST METHOD
1.	Respirable Suspended Particulate Matter( PM <sub>10</sub> )	79	100.0 μg/m <sup>3</sup>	10 μg/m <sup>3</sup>	IS:5182(Pt-23)
2.	Sulphur Dioxide (SO <sub>2</sub> )	12	80.0 μg/m <sup>3</sup>	2.0 μg/m <sup>3</sup>	IS:5182(Pt-2)
3.	Nitrogen Dioxide (NO <sub>2</sub> )	24	80.0 μg/m <sup>3</sup>	2.0 μg/m <sup>3</sup>	IS:5182(Pt-6)
4.	Fine Particulate Matter(PM <sub>2.5</sub> )	48	60.0 μg/m <sup>3</sup>	10 μg/m <sup>3</sup>	IS: 5182(Pt-24
5.	Carbon Monoxide (CO)	0.8	4.0 mg/m <sup>3</sup> (1 hr)	0.5 mg/m <sup>3</sup>	IS:5182(P-10)
6.	Nickel (Ni)	BDL	20.0 ng/m <sup>3</sup>	15 ng/m <sup>3</sup>	IS 5182(Pt-26)
7.	Arsenic (As)	BDL	6.0 ng/m <sup>3</sup>	5.0 ng/m <sup>3</sup>	SOP N0.ETL/air/2022/08
8.	Lead (Pb)	BDL	1.0 μg/m <sup>3</sup>	0.1 μg/m <sup>3</sup>	IS 5182(Pt-22)
9.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	5.0 μg/m <sup>3</sup>	0.5 μg/m <sup>3</sup>	IS 5182(Pt-11)
10.	Benzo(a)pyrene (BaP)	BDL	1.0 ng/m <sup>3</sup>	1.0 ng/m <sup>3</sup>	IS 5182(Pt-12)
11.	Ammonia (NH <sub>3</sub> )	BDL	400.0 μg/m <sup>3</sup>	20 μg/m <sup>3</sup>	IS 5182(Pt-25)
12.	Ozone (O <sub>3</sub> )	24	180.0 μg/m <sup>3</sup> (1 hr)	5.0 μg/m <sup>3</sup>	IS:5182 (Pt-9)

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\*\* End of Report\*\*

(Authorized Signatory)

Quality Manager
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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR,

PUNJAB	1000	Report No.	ETL/06072024/1543
Customer Reference No.	NA		06.07.2024
Sample Code given by Customer	NA	Report Date	TC587924000002624F
	Drinking Water	ULR No.	
Type of sample	Satisfactory	Sample Reg No.	ETL/W/29062024/1543
Sample Condition		Date of Sampling	28.06.2024
Quantity	5 lt	Date of sample receipt	29.06.2024
Sampling Location	From Colony Water Cooler	Date of Test Performance	29.06.2024-06.07.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)		Plastic cane
Sampling Procedure	As per SOP	Packing Mode	T IMOTE CALL

	Group: Water
Discipline: Chemical	
Sample Description:Clear & colorless liquid	

	Doromotore	Results	PART- A Limits of IS	: 10500 – 2012	Test method
S.No.	Parameters		Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1.	Colour, Hazen unit, max	BDL (DL=5)	5	15	IS: 3025, (Part-4)
2.	Odour	Agreeable	Agreeable	Agreeable	APHA 23rd Edition:-2150 B
3.	pH @ 25°C	7.72	6.5 - 8.5	No relaxation	IS: 3025, (Part-11).
20000	VEL EIL	Agreeable	Agreeable	Agreeable	IS: 3025, (Part-8).
4.	Taste		1	5	IS: 3025, (Part-10)
5.	Turbidity, NTU, Max	BDL (DL=1)	1		IS:3025, (Part-16).
6.	Total Dissolved Solids, mg/l, Max	420	500	2000	
7.	Ammonia(as total ammonia-N)	BDL	0.5	No relaxation	IS:3025, (Part-34).
8.	Calcium (as CaCO <sub>3</sub> ), mg/l, Max	(DL=0.5) 56.1	75	200	IS: 3025, (Part-40),
9.	Chloramines	BDL	04	No relaxation	APHA 23 <sup>rd</sup> Edition-4500-G, DPD Colorimetric Method
10	an May	(DL=0.1) 44	250	1000	IS:3025, (Part-32)

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Report No: ETL/06072024/1543

# **Environ Tech Laboratories**

CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





[m] toch/27.57

Sample Reg No.: ETL/W/29062024/1543

S.No.	Parameters	Results	Limits of IS	: 10500 – 2012	Test method
	(54,000,000,000,000)		Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
11	Fluoride (as F), mg/l, Max	0.22	1.0	1.5	IS: 3025(Part -60)
12	Free Residual Chlorine mg/l, Min	BDL (DL=0.1)	0.2	1	IS: 3025,(Part-26)
13	Magnesium (as CaCO <sub>3</sub> ), mg/l, Max	29.1	30	100	IS:3025, (Part-46)
14	Boron as B, mg/l	BDL (DL=0.1)	0.5	2.4	IS: 3025,(Part-57)
15	Cyanide(as CN), mg/l,	BDL (DL=0.01)	0.05	No relaxation	APHA-23rd Edition -4500 E, 2017
16	Nitrate (as NO <sub>3</sub> ), mg/l, Max	7.1	45	No relaxation	IS: 3025, (Part-34)
17	Phenolic Compounds(as C <sub>6</sub> H <sub>5</sub> OH) mg/l	BDL (DL=0.001)	0.001	0.002	APHA 23 <sup>rd</sup> Edition-Chloroform Extraction Method , 5530C, Direct Photometric Method 5530D
18	Sulphate (as SO4), mg/l, Max	6.5	200	400	IS:3025, (Part-24)sec:1
19	Sulphide	BDL (DL=0.5)	0.05	No relaxation	IS:3025, (Part-29)
20	Total Alkalinity ( as CaCO <sub>3</sub> ),mg/l .Max	253	200	600	IS:3025, (Part-23)
21	Total Hardness( as CaCO <sub>3</sub> ),mg/l, Max	260	200	600	IS:3025, (Part-21)
22	Sodium (as Na), mg/l, Max	28	-	-	IS: 3025(Part –45)
23	Potassium (as K), mg/l, Max	0.8	-	-	IS: 3025(Part -45)

NOTE:

BDL=Below Detection Limit

DL=Detection Limit

----Denotes limit not specified

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission

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

AJEET SINGU SAINI Technical Manager Environ Tech Laboratories







CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P







### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD

TEHSIL- GARHSHANKAR	DISTRICT:HOSHIARPUR,PUNJAB	Report No.	ETL/06072024/1543
Customer Reference No.	NA	Report Date	06.07.2024
Sample Code given by Customer	NA		TC587924000002624F
Type of sample	Drinking Water	ULR No.	ETL/W/29062024/1543
Sample Condition	Satisfactory	Sample Reg No.	28.06.2024
	5 lt	Date of Sampling	29.06.2024
Quantity	From Colony Water Cooler	Date of sample receipt	29.06.2024-06.07.2024
Sampling Location	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	
Sample Drawn By	As per SOP	Packing Mode	Plastic cane
Sampling Procedure	As per 501		Daviduse in water

Group: Residues in water Discipline: Chemical Sample Description: Clear & colorless liquid

Sample	Description. Clear & colories 4		PART- B	S: 10500 – 2012	Test method
S.No.	Parameters	Results	Limits of 1		
s.No.			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	22 JP #: 2017 2111R
1.	Manganese (as Mn) mg/l	BDL (DL=0.02)	0.1	0.3	APHA 23rd Edition 2017-3111B  APHA 23rd Edition 2017-3111 B
2.	Copper (as Cu) mg/l	BDL (DL=0.02)	0.05	1.5	APHA 23rd Edition 3111B
3.	Iron ( as Fe), mg/l Max	0.14	1.0	No relaxation	THE CHARLES AND THE PARTY OF TH
4.	Selenium ( as Se), mg/l	BDL	0.01	No relaxation	APHA 23rd Edition 2017-3114B
5.	Zinc (as Zn) mg/l	(DL=0.001) 0.08	5	15	APHA 23rd Edition 2017-3111B
6.	Cadmium (as Cd) mg/l	BDL	0.003	No relaxation	APHA 23rd Edition 2017-3111B
7.	Lead (as Pb) mg/l	(DL=0.01) BDL	0.01	No relaxation	APHA 23rd Edition 2017-3111B
5000	Mercury (as Hg) mg/l	(DL=0.01) BDL	0.001	No relaxation	APHA 23rd Edition 2017-3114E
8.		(DL=0.001) BDL	0.02	No relaxation	APHA 23rd Edition 2017-3111E
9.	Nickel (as Ni,), mg/l	(DL=0.02) BDL	0.01	No relaxation	APHA 23rd Edition 2017-3114E
10.	1 December 1997 1997 1997 1997 1997 1997 1997 199	(DL=0.005) BDL	0.05	No relaxation	APHA 23rd Edition 2017-3113F
. 11	. Total Chromium (as Cr) mg/l	(DL=0.04)		No relaxation	Annex J of IS 13428
12	. Silver ( as Ag) mg/l	BDL (DL=0.05)	0.1	No relaxation	APHA 23 <sup>rd</sup> Edition 3/14B

BDL=Below Detection Limit

DL=Detection Limit



(Authorized Signatory) ATEET SUIGH SAINT Technical Memager 5 Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD

TELLAND AD DISTRICT HOSHIARPUR PUNIAB

Customer Reference No.	NA	Report No.	ETL/06072024/1543
	NA	Report Date	06.07.2024
Sample Code given by Customer	Drinking Water	ULR No.	TC587924000002624F
Type of sample Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1543
Ouantity	5 lt	Date of Sampling	28.06.2024
Sampling Location	From Colony Water Cooler	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic cane

Discipline: Chemical

Group: Residues in Water

ilpic Desi	cription:Clear & colorless liquid		PART-C		
S. NO	PARAMETERS	Results	Detection Limit (µg/l)	Limit (µg/l)	Test method
1	Alachlor	BDL	0.01	20	SOP NO. ETL/Pest/2022/01
2	Atrazine	BDL	0.01	2	SOP NO. ETL/Pest/2022/02
3	Aldrin/ Dieldrin	BDL	0.01	0.03	SOP NO. ETL/Pest/2022/01
4	Alpha HCH	BDL	0.01	0.01	SOP NO. ETL/Pest/2022/01
5	Beta HCH	BDL	0.01	0.04	SOP NO. ETL/Pest/2022/01
6	Butachlor	BDL	0.01	125	SOP NO. ETL/Pest/2022/01
7	Chlorpyriphos	BDL	0.01	30	SOP NO. ETL/Pest/2022/01
8	Delta HCH	BDL	0.01	0.04	SOP NO. ETL/Pest/2022/01
9	2,4- Dichlorophenoxyacetic acid	BDL	20	30	SOP NO. ETL/Pest/2022/0
10	DDT(o, p and p, p-Isomers of DDT,DDE and DDD)	BDL	0.2	1	SOP NO. ETL/Pest/2022/0
11	Endosulfan (Alpha, Beta, and sulphate)	BDL	0.2	0.4	SOP NO. ETL/Pest/2022/0
12	Ethion	BDL	2.0	3	SOP NO. ETL/Pest/2022/0
13	Gamma -HCH (Lindane)	BDL	0.01	2	SOP NO. ETL/Pest/2022/0
14	Isoproturon	BDL	5.0	9	SOP NO. ETL/Pest/2022/0
15	Malathion	BDL	100	190	SOP NO. ETL/Pest/2022/0
16	Methyl parathion	BDL	0.2	0.3	SOP NO. ETL/Pest/2022/0
17	Monocrotophos	BDL	0.5	1	SOP NO. ETL/Pest/2022/2
18	Phorate	BDL	1.0	2	SOP NO. ETL/Pest/2022/0

Note:

BDL=below Detection Limit

DL=Detection Limit

1. The test report refers only to tested sample and applicable parameters. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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



Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P







### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

PUNJAB	THE PROPERTY.	Report No.	ETL/06072024/1543
Customer Reference No.	NA		06.07.2024
Sample Code given by Customer	NA	Report Date	[1000 and 1000 and 1000]
	Drinking Water	ULR No.	TC587924000002624F
Type of sample		Sample Reg No.	ETL/W/29062024/1543
Sample Condition	Satisfactory	TOTAL AND A SECRETARIAN CONTRACTOR	28.06.2024
Quantity	250 ml	Date of Sampling	29.06.2024
Sampling Location	From Colony Water Cooler	Date of sample receipt	
	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	01.07.2024-02.07.2024
Sample Drawn By		Packing Mode	Glass Bottle
Sampling Procedure	As per SOP	T tierting	

	Group: Water
Discipline: Biological	
Sample Description: Clear & colorless liquid	

		PAR	I – D Biologicai	
S. NO. PARAMETERS		TEST RESULTS	Requirement as per IS 10500:2012 (Amendment No.04 NOV 2021)	TEST METHOD
5.115.	THE PART OF THE PA	Shall not be detectable in any 100ml Sample	IS 15185:2016	
1.	E.coli/100ml	NOT DETECTED		IS 15185:2016
2	Coliform /100ml	NOT DETECTED	Shall not be detectable in any 100ml Sample	15 15 15 15 120 10

1. The test report refers only to tested sample and applicable parameters. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission
 The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



(Authorized Signatory) Technical Manager of 5 Environ Tech Laboratories





CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

### TEST REPORT

То

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR,DISTRICT:HOSHIARPUR, PUNIAR

PUNJAD			
Customer Reference No.	NA	Report No.	ETL/06072024/1543
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Drinking Water	ULR No.	NA
Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1543
Quantity	5 lt	Date of Sampling	28.06.2024
Sampling Location	From Colony Water Cooler	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic cane

Discipline: Chemical	Group: Water	
Sample Description:Clear & colorless liquid		

S. No.	Parameters	Results	Limits of IS: 10500 - 2012		Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1.	Anionic Detergents(as MBAS) mg/l,Max	ND	0.2	1.0	Annex K of IS 13428
2.	Barium (as Ba), mg/l, Max	ND	0.7	No relaxation	Annex F of IS 13428
3.	Mineral oil, mg/l, Max	ND	1.0	No relaxation	Clause 6 of IS 3025, (Part 39) Infrared partition Method
4.	Molybdenum (as Mo), mg/L	ND	0.07	No relaxation	IS 3025 (Part-2)
5.	Polychlorinated biphenyl, mg/L	ND	0.0005	No relaxation	ASTM 5175
6.	Polynuclear aromatic hydrocarbons (as PAH) mg/L	ND	0.0001	No relaxation	APHA 6440 or APHA 6630
7.	Bromoform, mg/l, Max	ND	0.1	No relaxation	APHA 6232
8.	Dibromochloromethane, mg/l, Max	ND	0.1	No relaxation	APHA 6232
9.	Bromodichloromethane, mg/l, Max	ND	0.06	No relaxation	APHA 6232
10	Chloroform mg/l, Max	ND	0.2	No relaxation	APHA 6232

NOTE

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

Authorized Signatory)

ND =Not Detected

AJEE Bage HotaINI Technical Manager Environ Tech Laboratories

\*\* End of Report\*\*



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR, PUNJAB

Customer Reference No.	NA	Report No.	ETL/06072024/1544
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Drinking Water	ULR No.	TC587924000002625F
Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1544
Quantity	5 lt	Date of Sampling	28.06.2024
Sampling Location	Canteen (KPL)	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic cane

Discipline: Chemical	Group: Water
Sample Description : Clear & colorless liquid	
DADT	

S.No. Parameters	Parameters	Results	Limits of IS	S: 10500 – 2012	Test method
		Requirement (Acceptable Limit)	Permissible limit in absence of alternate source		
1.	Colour, Hazen unit, max	BDL (DL=5)	5	15	IS: 3025, (Part-4)
2.	Odour	Agreeable	Agreeable	Agreeable	APHA 23rd Edition:-2150 B
3.	pH @ 25°C	7.78	6.5 – 8.5	No relaxation	IS: 3025, (Part-11).
4.	Taste	Agreeable	Agreeable	Agreeable	IS: 3025, (Part-8).
5.	Turbidity, NTU, Max	BDL (DL=1)	1	5	IS: 3025, (Part-10)
6.	Total Dissolved Solids, mg/l, Max	410	500	2000	IS:3025, (Part-16).
7.	Ammonia(as total ammonia-N)	BDL (DL=0.5)	0.5	No relaxation	IS:3025, (Part-34).
8.	Calcium (as CaCO <sub>3</sub> ), mg/l, Max	36	75	200	IS: 3025, (Part-40),
9.	Chloramines	BDL (DL=0.1)	04	No relaxation	APHA 23 <sup>rd</sup> Edition-4500-G, DPD Colorimetric Method
10.	Chloride (as Cl), mg/l, Max	44	250	1000	IS:3025, (Part-32)

Page 1 of 5





CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





Report No : ETL/06072024/1544	Sample Reg No.:ETL/W/29062024/1544
The state of the s	

S.No. Parameters	Parameters Results	Results	Limits of IS: 10500 – 2012		Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
11	Fluoride (as F), mg/l, Max	0.25	1.0	1.5	IS: 3025(Part -60)
12	Free Residual Chlorine mg/l, Min	BDL (DL=0.1)	0.2	1	IS: 3025,(Part-26)
13	Magnesium (as CaCO <sub>3</sub> ), mg/l, Max	24.3	30	100	IS:3025, (Part-46)
14	Boron as B, mg/l	BDL (DL=0.1)	0.5	2.4	IS: 3025,(Part-57)
15	Cyanide(as CN), mg/l,	BDL (DL=0.01)	0.05	No relaxation	APHA-23rd Edition -4500 E, 2017
16	Nitrate (as NO <sub>3</sub> ), mg/l, Max	5.5	45	No relaxation	IS: 3025, (Part-34)
17	Phenolic Compounds(as C <sub>6</sub> H <sub>5</sub> OH) mg/l	BDL (DL=0.001)	0.001	0.002	APHA 23 <sup>rd</sup> Edition-Chloroform Extraction Method, 5530C, Direct Photometric Method 5530D
18	Sulphate (as SO4), mg/l, Max	5.8	200	400	IS:3025, (Part-24)sec:1
19	Sulphide	BDL (DL=0.5)	0.05	No relaxation	IS:3025, (Part-29)
20	Total Alkalinity ( as CaCO <sub>3</sub> ),mg/l ,Max	242	200	600	IS:3025, (Part-23)
21	Total Hardness( as CaCO <sub>3</sub> ),mg/l, Max	190	200	600	IS:3025, (Part-21)
22	Sodium (as Na), mg/l, Max	54		-	IS: 3025(Part -45)
23	Potassium (as K), mg/l, Max	1.2			IS: 3025(Part -45)

NOTE:

BDL=Below Detection Limit

DL=Detection Limit

----Denotes limit not specified

1. The test report refers only to tested sample and applicable parameters.

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

(Authorized Signatory)

AJENT SINGH SAINI Technical Manager Environ Tech Laboratories





CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P







#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD

TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

Customer Reference No.	NA	Report No.	ETL/06072024/1544
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Drinking Water	ULR No.	TC587924000002625F
Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1544
Quantity	5 lt	Date of Sampling	28.06.2024
Sampling Location	Canteen (KPL)	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic cane

Discipline: Chemical	Group: Residues in water
Sample Description:Clear & colorless liquid	

			PART- B		
S.No.	Parameters	Results	Limits of IS	S: 10500 – 2012	Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1.	Manganese (as Mn) mg/l	BDL (DL=0.02)	0.1	0.3	APHA 23rd Edition 2017-3111B
2.	Copper (as Cu) mg/l	BDL (DL=0.02)	0.05	1.5	APHA 23rd Edition 2017-3111 B
3.	Iron ( as Fe), mg/l Max	0.15	1.0	No relaxation	APHA 23 <sup>rd</sup> Edition 3111B
4.	Selenium ( as Se), mg/l	BDL (DL=0.001)	0.01	No relaxation	APHA 23rd Edition 2017-3114B
5.	Zinc (as Zn) mg/l	0.07	5	15	APHA 23rd Edition 2017-3111B
6.	Cadmium (as Cd) mg/l	BDL (DL=0.01)	0.003	No relaxation	APHA 23rd Edition 2017-3111B
7.	Lead (as Pb) mg/l	BDL (DL=0.01)	0.01	No relaxation	APHA 23rd Edition 2017-3111B
8.	Mercury (as Hg) mg/l	BDL (DL=0.001)	0.001	No relaxation	APHA 23rd Edition 2017-3114B
9.	Nickel ( as Ni,), mg/l	BDL (DL=0.02)	0.02	No relaxation	APHA 23rd Edition 2017-3111B
10.	Total Arsenic (as As) mg/l	BDL (DL=0.005)	0.01	No relaxation	APHA 23rd Edition 2017-3114B
11.	. Total Chromium (as Cr) mg/l	BDL (DL=0.04)	0.05	No relaxation	APHA 23rd Edition 2017-3113B
12.	Silver ( as Ag) mg/l	BDL (DL=0.05)	0.1	No relaxation	Annex J of IS 13428 APHA 23 <sup>rd</sup> Edition 3114B

NOTE: BDL=Below Detection Limit

DL=Detection Limit

Signatory)

ALEET SINGH SAINI Technical Plasmise of 5 Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

Customer Reference No.	NA	Report No.	ETL/06072024/1544
		Report Date	06.07.2024
Sample Code given by Customer	NA		
Type of sample	Drinking Water	ULR No.	TC587924000002625F
Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1544
Ouantity	5 lt	Date of Sampling	28.06.2024
Sampling Location	Canteen (KPL)	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic cane

Discipline: Chemical	Group: Residues in Water
Sample Description:Clear & colorless liquid	

		PART-	·C		
S. NO	PARAMETERS	Results	Detection Limit (µg/l)	Limit (µg/l)	Test method
1	Alachlor	BDL	0.01	20	SOP NO. ETL/Pest/2022/01
2	Atrazine	BDL	0.01	2	SOP NO. ETL/Pest/2022/02
3	Aldrin/ Dieldrin	BDL	0.01	0.03	SOP NO. ETL/Pest/2022/01
4	Alpha HCH	BDL	0.01	0.01	SOP NO. ETL/Pest/2022/01
5	Beta HCH	BDL	0.01	0.04	SOP NO. ETL/Pest/2022/01
6	Butachlor	BDL	0.01	125	SOP NO. ETL/Pest/2022/01
7	Chlorpyriphos	BDL	0.01	30	SOP NO. ETL/Pest/2022/01
8	Delta HCH	BDL	0.01	0.04	SOP NO. ETL/Pest/2022/01
9	2,4- Dichlorophenoxyacetic acid	BDL	20	30	SOP NO. ETL/Pest/2022/01
10	DDT(o, p and p, p-Isomers of DDT,DDE and DDD)	BDL	0.2	1	SOP NO. ETL/Pest/2022/01
11	Endosulfan (Alpha, Beta, and sulphate)	BDL	0.2	0.4	SOP NO. ETL/Pest/2022/01
12	Ethion	BDL	2.0	3	SOP NO. ETL/Pest/2022/01
13	Gamma –HCH (Lindane)	BDL	0.01	2	SOP NO. ETL/Pest/2022/01
14	Isoproturon	BDL	5.0	9	SOP NO. ETL/Pest/2022/01
15	Malathion	BDL	100	190	SOP NO. ETL/Pest/2022/01
16	Methyl parathion	BDL	0.2	0.3	SOP NO. ETL/Pest/2022/01
17	Monocrotophos	BDL	0.5	1	SOP NO. ETL/Pest/2022/22
18	Phorate	BDL	1.0	2	SOP NO. ETL/Pest/2022/01

Note:

BDL=below Detection Limit

DL=Detection Limit

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permiss

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

Technica Environ Tech Laboratories





CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD
TEHSIL- GARHSHANKAR,DISTRICT:HOSHIARPUR,

Customer Reference No.	NA	Report No.	ETL/06072024/1544
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Drinking Water	ULR No.	TC587924000002625F
Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1544
Quantity	250 ml	Date of Sampling	28.06.2024
Sampling Location	Canteen (KPL)	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	01.07.2024-02.07.2024
Sampling Procedure	As per SOP	Packing Mode	Glass Bottle

Discipline: Biological	Group: Water
Sample Description:Clear & colorless liquid	
DIPE D DI	1 Part 1

PART – D Biological					
S. NO. PARAMETERS TEST RESULTS Requirement as per IS 10500:2012 (Amendment No.04 NOV 2021)					
1.	E.coli/100ml	NOT DETECTED	Shall not be detectable in any 100ml Sample	IS 15185:2016	
2.	Coliform /100ml	NOT DETECTED	Shall not be detectable in any 100ml Sample	IS 15185:2016	

#### Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission

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

Authorized Signatory)

Technical Manager
Environ Tech Laboratories

\*\* End of Report\*\*



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR, DINHAR

Customer Reference No.	NA	Report No.	ETL/06072024/1544
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Drinking Water	ULR No.	NA
Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1544
Ouantity	5 lt	Date of Sampling	28.06.2024
Sampling Location	Canteen (KPL)	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic cane

Discipline: Chemical	Group: Water
Sample Description:Clear & colorless liquid	

S. No.	Parameters	Results	Limits of IS: 10500 – 2012		Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1.	Anionic Detergents(as MBAS) mg/l,Max	ND	0.2	1.0	Annex K of IS 13428
2.	Barium (as Ba), mg/l, Max	ND	0.7	No relaxation	Annex F of IS 13428
3.	Mineral oil, mg/l, Max	ND	1.0	No relaxation	Clause 6 of IS 3025, (Part 39) Infrared partition Method
4.	Molybdenum (as Mo), mg/L	ND	0.07	No relaxation	IS 3025 (Part-2)
5.	Polychlorinated biphenyl, mg/L	ND	0.0005	No relaxation	ASTM 5175
6.	Polynuclear aromatic hydrocarbons (as PAH) mg/L	ND	0.0001	No relaxation	APHA 6440 or APHA 6630
7.	Bromoform, mg/l, Max	ND	0.1	No relaxation	APHA 6232
8.	Dibromochloromethane, mg/l, Max	ND	0.1	No relaxation	APHA 6232
	Bromodichloromethane, mg/l, Max	ND	0.06	No relaxation	APHA 6232
<b>9.</b>	Chloroform mg/l, Max	ND	0.2	No relaxation	APHA 6232

NOTE

ND =Not Detected

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission

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

Environ Tech Laboratories

\*\* End of Report\*\*



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To
M/s KUANTUM PAPERS LTD, SAILA KHURD
TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,
PLINIAR

Customer Reference No.	NA	Report No.	ETL/06072024/1545
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Drinking Water	ULR No.	TC587924000002626F
Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1545
Quantity	5 lt	Date of Sampling	28.06.2024
Sampling Location	Water Reservoir Tank	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic cane

Discipline: Chemical Group: Water

Sample Description: Clear & colorless liquid

S.No.	Parameters	Results	Limits of IS	S: 10500 – 2012	Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1.	Colour, Hazen unit, max	BDL (DL=5)	5	15	IS: 3025, (Part-4)
2.	Odour	Agreeable	Agreeable	Agreeable	APHA 23rd Edition:-2150 B
3.	pH @ 25°C	7.88	6.5 - 8.5	No relaxation	IS: 3025, (Part-11).
4.	Taste	Agreeable	Agreeable	Agreeable	IS: 3025, (Part-8).
5.	Turbidity, NTU, Max	BDL (DL=1)	1	5	IS: 3025, (Part-10)
6.	Total Dissolved Solids, mg/l, Max	450	500	2000	IS:3025, (Part-16).
7.	Ammonia(as total ammonia-N)	BDL (DL=0.5)	0.5	No relaxation	IS:3025, (Part-34).
8.	Calcium (as CaCO <sub>3</sub> ), mg/l, Max	64.1	75	200	IS: 3025, (Part-40),
9.	Chloramines	BDL (DL=0.1)	04	No relaxation	APHA 23 <sup>rd</sup> Edition-4500-G, DPD Colorimetric Method
10.	Chloride (as Cl), mg/l, Max	62.6	250	1000	IS:3025, (Part-32)

Page 1 of 5





CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





			<b>□</b>

S.No.	Parameters	Results	Limits of IS:	10500 - 2012	Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
11	Fluoride (as F), mg/l, Max	0.7	1.0	1.5	IS: 3025(Part –60)
12	Free Residual Chlorine mg/l, Min	BDL (DL=0.1)	0.2	1	IS: 3025,(Part-26)
13	Magnesium (as CaCO <sub>3</sub> ), mg/l, Max	9.7	30	100	IS:3025, (Part-46)
14	Boron as B, mg/l	BDL (DL=0.1)	0.5	2.4	IS: 3025,(Part-57)
15	Cyanide(as CN), mg/l,	BDL (DL=0.01)	0.05	No relaxation	APHA-23rd Edition -4500 E, 2017
16	Nitrate (as NO <sub>3</sub> ), mg/l, Max	6.6	45	No relaxation	IS: 3025, (Part-34)
17	Phenolic Compounds(as C <sub>6</sub> H <sub>5</sub> OH) mg/l	BDL (DL=0.001)	0.001	0.002	APHA 23 <sup>rd</sup> Edition-Chloroform Extraction Method , 5530C, Direct Photometric Method 5530D
18	Sulphate (as SO4), mg/l, Max	18.8	200	400	IS:3025, (Part-24)sec:1
19	Sulphide	BDL (DL=0.5)	0.05	No relaxation	IS:3025, (Part-29)
20	Total Alkalinity ( as CaCO <sub>3</sub> ),mg/l Max	264	200	600	IS:3025, (Part-23)
21	Total Hardness( as CaCO <sub>3</sub> ),mg/l, Max	200	200	600	IS:3025, (Part-21)
22	Sodium (as Na), mg/l, Max	78		-	IS: 3025(Part –45)
23	Potassium (as K), mg/l, Max	2.8		-	IS: 3025(Part -45)

NOTE: BDL=Below Detection Limit

DL=Detection Limit

----Denotes limit not specified

1. The test report refers only to tested sample and applicable parameters.

The test report reters only to tested sample and approache parameters.
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 The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

zed Signatory)

AJEET SPANIDON Technical Manager

Environ Tech Laboratories







CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P



### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,



Customer Reference No.	NA	Report No.	ETL/06072024/1545
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Drinking Water	ULR No.	TC587924000002626F
Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1545
Ouantity	5 lt	Date of Sampling	28.06.2024
Sampling Location	Water Reservoir Tank	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic cane

Group: Residues in water Discipline: Chemical

Sample Description:Clear & colorless liquid

			PART- B		per visit of
S.No.	Parameters	Results	Limits of IS	: 10500 – 2012	Test method
	Requirement (Acceptable Limit)  Requirement (Acceptable limit in absence of alternate source				
1.	Manganese (as Mn) mg/l	BDL (DL=0.02)	0.1	0.3	APHA 23rd Edition 2017-3111B
2.	Copper (as Cu) mg/l	BDL (DL=0.02)	0.05	1.5	APHA 23rd Edition 2017-3111 B
3.	Iron ( as Fe), mg/l Max	0.15	1.0	No relaxation	APHA 23 <sup>rd</sup> Edition 3111B
4.	Selenium ( as Se), mg/l	BDL (DL=0.001)	0.01	No relaxation	APHA 23rd Edition 2017-3114E
5.	Zinc (as Zn) mg/l	0.09	5	15	APHA 23rd Edition 2017-3111E
6.	Cadmium (as Cd) mg/l	BDL (DL=0.01)	0.003	No relaxation	APHA 23rd Edition 2017-3111E
7.	Lead (as Pb) mg/l	BDL (DL=0.01)	0.01	No relaxation	APHA 23rd Edition 2017-3111F
8.	Mercury (as Hg) mg/l	BDL (DL=0.001)	0.001	No relaxation	APHA 23rd Edition 2017-3114E
9.	Nickel ( as Ni,), mg/l	BDL (DL=0.02)	0.02	No relaxation	APHA 23rd Edition 2017-3111E
10.	. Total Arsenic (as As) mg/l	BDL (DL=0.005)	0.01	No relaxation	APHA 23rd Edition 2017-3114F
11.	. Total Chromium (as Cr) mg/l	BDL (DL=0.04)	0.05	No relaxation	APHA 23rd Edition 2017-31131
12.	. Silver ( as Ag) mg/l	BDL (DL=0.05)	0.1	No relaxation	Annex J of IS 13428 APHA 23 <sup>rd</sup> Edition 3114B

NOTE: BDL=Below Detection Limit

DL=Detection Limit

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission

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



d Signatory) (Authøri: Page 3 of 5 AJEET SINGH SAINI Technical Manager Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P







#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

PUNJAB Customer Reference No.	NA	Report No.	ETL/06072024/1545
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Drinking Water	ULR No.	TC587924000002626F
Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1545
Ouantity	5 lt	Date of Sampling	28.06.2024
Sampling Location	Colony (KPL)	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic cane

Discipline: Chemical Sample Description: Clear & colorless liquid Group: Residues in Water

Dumple Description	The second secon
	PART-

S. NO	PARAMETERS	Results	Detection Limit (µg/l)	Limit (µg/l)	Test method
1	Alachlor	BDL	0.01	20	SOP NO. ETL/Pest/2022/01
2	Atrazine	BDL	0.01	2	SOP NO. ETL/Pest/2022/02
3	Aldrin/ Dieldrin	BDL	0.01	0.03	SOP NO. ETL/Pest/2022/01
4	Alpha HCH	BDL	0.01	0.01	SOP NO. ETL/Pest/2022/01
5	Beta HCH	BDL	0.01	0.04	SOP NO. ETL/Pest/2022/01
6	Butachlor	BDL	0.01	125	SOP NO. ETL/Pest/2022/01
7	Chlorpyriphos	BDL	0.01	30	SOP NO. ETL/Pest/2022/01
8	Delta HCH	BDL	0.01	0.04	SOP NO. ETL/Pest/2022/01
9	2,4- Dichlorophenoxyacetic acid	BDL	20	30	SOP NO. ETL/Pest/2022/01
10	DDT(o, p and p, p-Isomers of DDT,DDE and DDD)	BDL	0.2	1	SOP NO, ETL/Pest/2022/01
11	Endosulfan (Alpha, Beta, and sulphate)	BDL	0.2	0.4	SOP NO, ETL/Pest/2022/01
12	Ethion	BDL	2.0	3	SOP NO. ETL/Pest/2022/01
13	Gamma -HCH (Lindane)	BDL	0.01	2	SOP NO. ETL/Pest/2022/01
14	Isoproturon	BDL	5.0	9	SOP NO. ETL/Pest/2022/01
15	Malathion	BDL	100	190	SOP NO. ETL/Pest/2022/01
16	Methyl parathion	BDL	0.2	0.3	SOP NO. ETL/Pest/2022/01
17	Monocrotophos	BDL	0.5	1	SOP NO. ETL/Pest/2022/22
18	Phorate	BDL	1.0	2	SOP NO. ETL/Pest/2022/01

Note:

BDL=below Detection Limit

DL=Detection Limit

The test report refers only to tested sample and applicable parameters.

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(Authorized Signatory)

AJEET BINGH SAINI Technical Manager Environ Tech Laboratories





CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081

GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD

TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

Customer Reference No.	NA .	Report No.	ETL/06072024/1545
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Drinking Water	ULR No.	TC587924000002626F
Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1545
Quantity	250 ml	Date of Sampling	28.06.2024
Sampling Location	Water Reservoir Tank	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	01.07.2024-02.07.2024
Sampling Procedure	As per SOP	Packing Mode	Glass Bottle

Discipline: Bio	ological		Gi	roup: Water
Sample Descri	iption:Clear & colorless lic	quid		
		PAR	T – D Biological	
6.210	DADAMETEDS	TEST PESHI TS	Requirement as per IS 10500:2012 (Amendment	TEST METHOD

S. NO.	PARAMETERS	TEST RESULTS	Requirement as per IS 10500:2012 (Amendment No.04 NOV 2021)	TEST METHOD
1	E.coli/100ml	NOT DETECTED	Shall not be detectable in any 100ml Sample	IS 15185:2016
2.	Coliform /100ml	NOT DETECTED	Shall not be detectable in any 100ml Sample	IS 15185:2016

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission

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

gnatory) (Authoriz

Group: Water

Technical Manager Environ Tech Laboratories







CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD

TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

**PUNJAB** 

Customer Reference No.	NA	Report No.	ETL/06072024/1545
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Drinking Water	ULR No.	NA
Sample Condition	Satisfactory	Sample Reg No.	ETL/W/29062024/1545
Quantity	5 lt	Date of Sampling	28.06.2024
Sampling Location	Water Reservoir Tank	Date of sample receipt	29.06.2024
Sample Drawn By	Mr.K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic cane

Discipline: Chemical	Group: Water
Sample Description:Clear & colorless liquid	

S. No.	Parameters	Results	Limits of	IS: 10500 – 2012	Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1.	Anionic Detergents(as MBAS) mg/l,Max	ND	0.2	1.0	Annex K of IS 13428
2.	Barium (as Ba), mg/l, Max	ND	0.7	No relaxation	Annex F of IS 13428
3.	Mineral oil, mg/l, Max	ND	1.0	No relaxation	Clause 6 of IS 3025, (Part 39) Infrared partition Method
4.	Molybdenum (as Mo), mg/L	ND	0.07	No relaxation	IS 3025 (Part-2)
5.	Polychlorinated biphenyl, mg/L	ND	0.0005	No relaxation	ASTM 5175
6.	Polynuclear aromatic hydrocarbons (as PAH) mg/L	ND	0.0001	No relaxation	APHA 6440 or APHA 6630
7.	Bromoform, mg/l, Max	ND	0.1	No relaxation	APHA 6232
8.	Dibromochloromethane, mg/l, Max	ND	0.1	No relaxation	APHA 6232
9.	Bromodichloromethane, mg/l, Max	ND	0.06	No relaxation	APHA 6232
10	Chloroform mg/l, Max	ND	0.2	No relaxation	APHA 6232

NOTE

ND =Not Detected

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission

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

\*\* End of Report\*\*

A JEET SI Page SANNI Technical Manager

Authorized Signatory)

Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P







### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

Customer Reference No.	NA	Report No.	ETL/06072024/1546
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	WASTE WATER	ULR No.	TC587924000002627F
Sample Condition	Satisfactory	Sample Reg No.	ETL/E/29062024/1546
Quantity	2 Liter	Date of Sampling	28.06.2024
Sampling Location	ETP Equalization tank Inlet (Low COD stream)	Date of sample receipt	29.06.2024
Sample Collected By	Mr. K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle
ter street (Planet, settle to a version and the state of	The state of the s		

Discipline: Chemical	Group: Pollution & Environment
Sample Description: yellowish brown liquid with suspended particles	

S. No	PARAMETERS	TEST RESULTS	TEST METHODS
1	рН	. 7.30	IS:3025 (Part-11)
2	Total Suspended Solids, mg/L	782	IS:3025(Part-17)
3	Total Dissolved Solid, mg/L	2116	IS:3025(Part-16)
4	Bio-chemical Oxygen Demand at 27°C, 3 days, mg/L	509	IS: 3025(Part-44)
5	Chemical Oxygen Demand, mg/L	1920	IS:3025(Part-58)
6	Sodium Absorption Ratio	10.6	Lab SOP- By Calculation

Note:

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

ed Signatory) Authoriz AFEET SWIGH SAINI

Technical Managerage 1 of 1 Environ Tech Laboratories





CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR, PUNIAR

Customer Reference No.	NA	Report No.	ETL/06072024/1547
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	WASTE WATER	ULR No.	TC587924000002628F
Sample Condition	Satisfactory	Sample Reg No.	ETL/E/29062024/1547
Quantity	2 Liter	Date of Sampling	28.06.2024
Sampling Location	ETP INLET (High COD Stream)	Date of sample receipt	29.06.2024
Sample Collected By	Mr. K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical	Group: Pollution & Environment
Sample Description: Brownish yellow Turbid liquid with suspended particles	

S. No	PARAMETERS	TEST RESULTS	TEST METHODS
1	рН	8.32	IS:3025 (Part-11)
2	Total Suspended Solids, mg/L	2650	IS:3025(Part-17)
3	Total Dissolved Solid, mg/L	2160	IS:3025(Part-16)
4	Bio-chemical Oxygen Demand at 27°C, 3 days, mg/L	1170	IS: 3025(Part-44)
5	Chemical Oxygen Demand, mg/L	2820	IS:3025(Part-58)
6	Sodium Absorption Ratio	8.4	Lab SOP- By Calculation

#### Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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



\*\*END OF REPORT

(Authorized Signatory)
AJEET SINGH SAINI

Technical Manager Environ Tech Laboratories

Page 1 of 1



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P







### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

Customer Reference No.	NA	Report No.	ETL/06072024/1548
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	WASTE WATER	ULR NO.	TC587924000002629F
Sample Condition	Satisfactory	Sample Reg No.	ETL/E/29062024/1548
Quantity	2 Liter	Date of Sampling	28.06.2024
Sampling Location	ETP OUTLET	Date of sample receipt	29.06.2024
Sample Collected By	Mr. K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical Sample Description: yellow tinge liquid with few suspended particles Group: Pollution & Environment

S.			STANDARDS			TEST METHODS
No		RESULTS	Inland Surface Water	Public Sewer	Land for Irrigation	
1	рН	7.04	5.5-9.0	5.5- 9.0	5.5-9.0	IS:3025 (Part-11)
2	Total Suspended Solids, mg/L	22	100	600	200	IS:3025(Part-17)
3	Total Dissolved Solid, mg/L	1812	1	**		IS:3025(Part-16)
4	Bio-chemical Oxygen Demand at 27°C, 3 days, mg/L	23.5	30	350	100	IS: 3025(Part-44)
5	Chemical Oxygen Demand, mg/L	183.6	250	No guideline	No guideline	IS:3025(Part-58)
6	Sodium Absorption Ratio	2.10		et et	***	Lab SOP- By Calculation

Note

: ---- Denotes limit not specified

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission

The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified

Authorized Signatory) AJEET SINGH SAINI Technical Manager Environ Tech Laboratories Page 1 of 1

\*\*END OF REPORT\*



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR, PUNJAB

Customer Reference No.	NA	Report No.	ETL/06072024/1548
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	WASTE WATER	Sample Reg No.	ETL/E/29062024/1548
Sample Condition	Satisfactory	ULR NO.	NA
Quantity	2 Liter	Date of Sampling	28.06.2024
Sampling Location	ETP OUTLET	Date of sample receipt	29.06.2024
Sample Collected By	Mr. K.K.Mishra (Field Officer)	Date of Test Performance	29.06.2024-06.07.2024
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical	Group: Pollution & Environment
Sample Description: yellow tinge liquid with few suspended particles	

S.	PARAMETERS	TEST	STANDARDS		TEST METHODS	
No		RESULTS	Inland Surface Water	Public Sewer	Land for Irrigation	
1	AOX, mg/l	0.9	3-	) <del>-</del> '	-	Lab SOP

Note

: ----Denotes limit not specified

The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission

The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified

(Authorized Signatory)

AJEET SINGH Bage 1 of 1 Technical Manager

Environ Tech Laboratories



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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNJAB

Customer Reference No.	NA	Report No.	ETL/04072024/1535
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Workzone Noise	ULR No.	TC587924000002616F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1535
Sampling Location	Admin Block	Date of Sampling	28.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Sr.No.	Parameter	Time period for Sampling	Results dB(A) Leq	As per Factory Act (Noise Regulation 2)	Test Method
1	Noise Level	(10:00 A.M – 11:00 A.M)	64.5	94	IS:9989

#### Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.



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Quality Manager
Environ Tech Laboratories
Page 1 of 1





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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR,

Customer Reference No.	NA	Report No.	ETL/04072024/1536
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Workzone Noise	ULR No.	TC587924000002617F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1535
Sampling Location	Wood Cutter Machine Area	Date of Sampling	28.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Sr.No.	Parameter	Time period for Sampling	Results dB(A) Leq	LIMIT As per Factory Act (Noise Regulation 2)	Test Method
1	Noise Level	(11:15 A.M – 12:15 P.M)	84.9	94	IS:9989

#### Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.



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CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNIAB

Customer Reference No.	NA	Report No.	ETL/04072024/1537
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Workzone Noise	ULR No.	TC587924000002618F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1537
Sampling Location	Pulp Mill ODL -Plant	Date of Sampling	28.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Sr.No.	Parameter	Time period for Sampling	Results dB(A) Leq	LIMIT As per Factory Act (Noise Regulation 2)	Test Method
1	Noise Level	(12:30 P.M – 01:30 P.M)	80.0	94	IS:9989

#### Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.









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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNJAB

Customer Reference No.	NA	Report No.	ETL/04072024/1538
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Workzone Noise	ULR No.	TC587924000002619F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1538
Sampling Location	Paper Machine No.3	Date of Sampling	28.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Sr.No.	Parameter	Time period for Sampling	Results dB(A) Leq	LIMIT As per Factory Act (Noise Regulation 2)	Test Method
1	Noise Level	(01:45 P.M – 02:45 P.M)	82.4	94	IS:9989

#### Note:

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CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR,

PUNJAB			ETL/04072024/1539	
Customer Reference No.	NA	Report No.	04.07.2024	
Customer Reference	NA	Report Date	TC587924000002620F	
Sample Code given by Customer	Workzone Noise	ULR No.		
Type of sample	Wallest District Control of the Cont	Sample Reg No.	ETL/A/29062024/1539	
Sample Condition	Satisfactory	Date of Sampling	27.06.2024	
Sampling Location	Paper Machine No.4	Date of sample receipt	29.06.2024	
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024 - 04.07.2024	
	As per lab SOP	Date of Test Performance		
Sampling Procedure	The second secon		Test Method	

				LIMIT	
Sr.No.	Parameter	Time period for Sampling	Results dB(A) Leq	As per Factory Act (Noise Regulation 2)	
1 N	Noise Level	(03:00 P.M – 04:00 P.M)	81.4	94	IS:9989

1. The test report refers only to tested sample and applicable parameters. 2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.



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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNJAB

Customer Reference No.	NA	Report No.	ETL/04072024/1540
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Workzone Noise	ULR No.	TC587924000002621F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1540
Sampling Location	Turbine No.5	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Sr.No.	Parameter	Time period for Sampling	Results dB(A) Leq	LIMIT As per Factory Act (Noise Regulation 2)	Test Method
1	Noise Level	(04:15 P.M – 05:15 P.M)	82.8	94	IS:9989

#### Note

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Quality Manager
Environ Tech Laboratories

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNJAB

Customer Reference No.	NA	Report No.	ETL/04072024/1541
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Workzone Noise	ULR No.	TC587924000002622F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1541
Sampling Location	Turbine No.4	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07,2024

Sr.No.	Parameter	Time period for Sampling	Results dB(A) Leq	LIMIT As per Factory Act (Noise Regulation 2)	Test Method
1	Noise Level	(05:30 P.M – 06:30 P.M)	83.2	94	IS:9989

#### Note

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.



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Quality Manager







CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P



TC-5879



### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNIAB

Customer Reference No.	NA	Report No.	ETL/04072024/1542
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Workzone Noise	ULR No.	TC587924000002623F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1542
Sampling Location	Blower (ETP)	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Sr.No.	Parameter	Time period for Sampling	Results dB(A) Leq	LIMIT As per Factory Act (Noise Regulation 2)	Test Method
1	Noise Level	(06:45 P.M – 07:45 P.M)	82.7	94	IS:9989

#### Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.



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Quanty Manager
Environ Tech Laboratories
Page 1 of 1





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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNIAR

Customer Reference No.	NA	Report No.	ETL/04072024/1529
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Noise Level	ULR No.	NA
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1529
Sampling Location	D.G. Set (160 KVA)	Date of Sampling	27.06.2024
Sample Collected By	Mr.K.K.Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

N)		
Instrument Used for Sampling	Noise meter	

SR. NO.	TEST	RESULTS	LIMIT (As per CPCB)	TEST METHOD	
A	DG Set with Acoustic Enclosure		dB(A)		
1	Average Noise levels measured at different points from the acoustic enclosure surface OPEN; Leq dB(A)	97.1			
2	Average Noise levels measured at different points at 1 m from the acoustic enclosure surface CLOSED; Leq dB(A)	71.7	75.0(Max)	IS:4758	
3	Insertion loss of DG acoustic enclosure surface; Leq dB(A)	25.4	25.0 (Min)		

Note:

Discipline: Chemical

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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\*\*End of Report\*\*

Page 1 of 1

Group: Atmospheric Pollution



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR. **PUNJAB** 

Customer Reference No.	NA	Report No.	ETL/04072024/1528
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Noise Level	ULR No.	NA
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1528
Sampling Location	D.G. Set (50 KVA)	Date of Sampling	27.06.2024
Sample Collected By	Mr.K.K.Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Discipline: Chemical	Group : Atmospheric Pollution

Instrument Used for Sampling	Noise meter	
Source	D.G Set (50 KVA)	
Engine Make and S. No	Cummins -3003/0800371	
Mfg. Year:	06/2008	
Fuel Used	HSD	

SR. NO.	TEST	RESULTS	LIMIT (As per CPCB)	TEST METHOD
Α	DG Set with Acoustic Enclosure		dB(A)	
1	Average Noise levels measured at different points from the acoustic enclosure surface OPEN; Leq dB(A)	96.9	***	
2	Average Noise levels measured at different points at 1 m from the acoustic enclosure surface CLOSED; Leq dB(A)	71.7	75.0(Max)	IS:4758
3	Insertion loss of DG acoustic enclosure surface; Leq dB(A)	25.2	25.0 (Min)	

#### Note:

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.



\*\*End of Report\*\*

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Page 1 of 1

Testing of Water, Waste Water, Soil, Biological Testing; Monitoring of Ambient Air, Stack Emission, Work Zone Monitoring, Noise, Ventilation, LUX & Weather Monitoring Email: environtechlab72@yahoo.com | Website: www.environtechlab.com NOT VALID FOR LEGAL PURPOSE



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To
M/s KUANTUM PAPERS LTD, SAILA KHURD
TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR,
PUNIAB

Customer Reference No.	NA	Report No.	ETL/04072024/1527
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Noise Level	ULR No.	NA
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1527
Sampling Location	D.G. Set (160 KVA)	Date of Sampling	27.06.2024
Sample Collected By	Mr.K.K.Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Instrument Used for Sampling	Noise meter	
Course	D.C. Set (160 KVA)	

 Source
 D.G Set ( 160 KVA)

 Engine Make and S. No
 Cummins - 84473539

 Mfg. Year:
 13.07.2018

 Fuel Used
 HSD

SR. NO.	TEST  DG Set with Acoustic Enclosure	RESULTS	LIMIT (As per CPCB) dB(A)	TEST METHOD
1	Average Noise levels measured at different points from the acoustic enclosure surface OPEN; Leq dB(A)	97.2	C++	
2	Average Noise levels measured at different points at 1 m from the acoustic enclosure surface CLOSED; Leq dB(A)	71.8	75.0(Max)	IS:4758
3	Insertion loss of DG acoustic enclosure surface; Leq dB(A)	25.3	25.0 (Min)	

#### Note:

Discipline: Chemical

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

ETL)

\*\*End of Report\*\*

(Authorized Signatory)

Quality Manager

Environ Tech Laboratories

Group: Atmospheric Pollution

Page 1 of 1



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR, PIINIAR

Customer Reference No.	NA	Report No.	ETL/06072024/1549
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	TC587924000002630F
		Sample Reg No.	ETL/W/29062024/1549
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	01	Date of sample receipt	29.06.2024
Sampling Location	Village : Saila Khurd	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Group: Water Discipline: Chemical Sample Description: Colourless liquid with suspended particles

S.No.	Parameters	Results	Test Method
1.	pH	7.07	IS: 3025(Part – 11)
2.	Total Dissolved Solids, mg/l,	492	IS: 3025(Part – 16)
3.	Conductivity micro mhos/cm at 25°C	740	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	286	IS: 3025 (Part -23)
5	Chloride(as Cl),mg/L	58.7	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	28.6	IS: 3025(Part – 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	3.8	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.7	IS: 3025(Part -60)
9	Calcium (as Ca) mg/L	64.1	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	31.6	IS: 3025(Part – 46)
11	Total Hardness (asCaCO3) mg/L	290	IS: 3025(Part – 21)
12	Sodium (as Na) mg/L	45	IS: 3025(Part -45)
13	Potassium (as K) mg/L	2.6	IS: 3025(Part -45)
14	Boron ( as B) mg/L	BDL ( DL=0.1)	IS: 3025(Part -57)

Note

BDL: denotes Below Detection Limit

DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters: This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

(Authorized Signatory) AJEET SINGH SAINI Technical ManagerPage 1 of 1



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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR,DISTRICT:HOSHIARPUR, PUNJAB

Customer Reference No.	NA	Report No.	ETL/06072024/1549
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	NA
	E .	Sample Reg No.	ETL/W/29062024/1549
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	01	Date of sample receipt	29.06.2024
Sampling Location	Village : Saila Khurd	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical	Group: Water
Sample Description:Colourless liquid with suspended particles	

S.No.	Parameters	Results	Test Method
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	349	IS: 3025 (Part -23)
3	R.S.C , meq/L	-0.08	By Calculation
4	S.A.R.	1.15	By Calculation
5	B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)
6	C.O.D, mg/L	BDL (DL=4)	IS: 3025(Part -55)

Note

BDL: denotes Below Detection Limit

DL: denotes Detection Limit

ND= Not Detected

The test report refers only to tested sample and applicable parameters.
 This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

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\*\*END OF REPORT\*\*

(Anthorized Signatory)
A JEEN SINGH SAINI
Technical Manager
Environ Tech Laboratories
Page 1 of 1



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

UNJAB			
Customer Reference No.	NA	Report No.	ETL/06072024/1550
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	TC587924000002631F
		Sample Reg No.	ETL/W/29062024/1550
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	02	Date of sample receipt	29.06.2024
Sampling Location	Village: Rampur	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical Group: Water Sample Description: Colourless liquid with some suspended particles

S.No.	Parameters	Results	Test Method
1	pH	7.00	IS: 3025(Part – 11)
2	Total Dissolved Solids, mg/l,	485	IS: 3025(Part - 16)
3.	Conductivity micro mhos/cm at 25°C	730	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	330	IS: 3025 (Part -23)
5	Chloride(as Cl),mg/L	15.7	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	7.5	IS: 3025(Part - 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	28.8	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.42	IS: 3025(Part -60)
9	Calcium (as Ca) mg/L	80.2	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	38.8	IS: 3025(Part - 46)
11	Total Hardness (asCaCO3) mg/L	360	IS: 3025(Part - 21)
12	Sodium (as Na) mg/L	10	IS: 3025(Part -45)
13	Potassium (as K) mg/L	1.6	IS: 3025(Part -45)
14	Boron ( as B) mg/L	BDL ( DL=0.1)	IS: 3025(Part -57)

Note

BDL: denotes Below Detection Limit

DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

Signatory)

NOT VALID FOR LEGAL PURPOSE



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD

TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

#### **PUNJAB**

Customer Reference No.	NA	Report No.	ETL/06072024/1550
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	NA
		Sample Reg No.	ETL/W/29062024/1550
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	02	Date of sample receipt	29.06.2024
Sampling Location	Village : Rampur	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical	Group: Water
Sample Description: Colourless liquid with some suspended particles	

S.No.	Parameters	Results	Test Method
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	403	IS: 3025 (Part -23)
3	R.S.C , meq/L	-0.60	By Calculation
4	S.A.R.	0.23	By Calculation
5	B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)
6	C.O.D, mg/L	4.32	IS: 3025(Part -55)

Note

BDL: denotes Below Detection Limit

DL: denotes Detection Limit

ND= Not Detected

The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

(Authorized Signatory)

AJEET SINGU SAINI Technical Man Page 1 of 1 Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

To
M/s KUANTUM PAPERS LTD, SAILA KHURD
TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,
PUNIAR

UNJAB			
Customer Reference No.	NA	Report No.	ETL/06072024/1551
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	TC587924000002632F
V. V. II.		Sample Reg No.	ETL/W/29062024/1551
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	03	Date of sample receipt	29.06.2024
Sampling Location	Village: Bhajjal	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical Group: Water
Sample Description:Coloureless liquid with some suspended particles

S.No.	Parameters	Results	Test Method
1.	pH	7.00	IS: 3025(Part - 11)
2.	Total Dissolved Solids, mg/l,	492	IS: 3025(Part - 16)
3.	Conductivity micro mhos/cm at 25°C	768	IS: 3025 (Part-14)
6.	Alkalinity (as CaCO <sub>3</sub> )mg/l	308	IS: 3025 (Part -23)
7.	Chloride(as Cl),mg/L	58.7	IS: 3025 (Part - 32)
8.	Sulphate(asSO <sub>4</sub> )mg/L	32.5	IS: 3025(Part - 24)
9.	Nitrate (as NO <sub>3</sub> ) mg/L	4.6	IS: 3025, (Part-34)
10.	Fluoride (as F) mg/L	0.18	IS: 3025(Part -60)
11.	Calcium (as Ca) mg/L	64.1	IS: 3025 (Part 40)
12.	Magnesium (as Mg) mg/L	29.1	IS: 3025(Part - 46)
13.	Total Hardness (asCaCO3) mg/L	280	IS: 3025(Part - 21)
14.	Sodium (as Na) mg/L	60	IS: 3025(Part -45)
15	Potassium (as K) mg/L	4.6	IS: 3025(Part -45)
16.	Boron ( as B) mg/L	BDL ( DL=0.1)	IS: 3025(Part -57)

Note : BDL: denotes Below Detection Limit

DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

\*\*END OF REPORT\*\*

Authorized Signatory) AJEET SINGLE SAINI

Technical Manager Environ Tech Laboratories

NOT VALID FOR LEGAL PURPOSE



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

PU	

Customer Reference No.	NA	Report No.	ETL/06072024/1551
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	NA
		Sample Reg No.	ETL/W/29062024/1551
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	03	Date of sample receipt	29.06.2024
Sampling Location	Village: Bhajjal	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Group: Water Discipline: Chemical Sample Description: Coloureless liquid with some suspended particles

S.No.	Parameters	Results	Test Method
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	376	IS: 3025 (Part -23)
3	R.S.C , meq/L	0.56	By Calculation
4	S.A.R.	1.56	By Calculation
5	B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)
6	C.O.D, mg/L	BDL (DL=4)	IS: 3025(Part -55)

BDL: denotes Below Detection Limit NoteND:

DL: denotes Detection Limit

ND denotes Not Detectable

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

AJEET SINGH SPENT of Technical Manager

Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV. PAN No. BPEPS9693P





#### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD

TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

**PUNJAB** 

NA	Report No.	ETL/06072024/1552
NA	Report Date	06.07.2024
Ground Water	ULR No.	TC587924000002633F
	Sample Reg No.	ETL/W/29062024/1552
Satisfactory	Date of Sampling	27.06.2024
04	Date of sample receipt	29.06.2024
Village: Pathlawa	Date of Test Performance	29.06.2024-06.07.2024
Mr. K.K Mishra	Quantity	2 Liter
As per SOP	Packing Mode	Plastic Bottle
	NA Ground Water  Satisfactory 04 Village: Pathlawa Mr. K.K Mishra	NA         Report Date           Ground Water         ULR No.           Sample Reg No.           Satisfactory         Date of Sampling           04         Date of sample receipt           Village: Pathlawa         Date of Test Performance           Mr. K.K Mishra         Quantity

Discipline: Chemical
Sample Description:Coloureless liquid with some suspended particles

Group: Water

S.No. Parameters Results Test Method 1. pH 7.47 IS: 3025(Part - 11) 2. Total Dissolved Solids, mg/l, 459 IS: 3025(Part - 16) 3. Conductivity micro mhos/cm at 25°C 691 IS: 3025 (Part-14) 4 Alkalinity (as CaCO3)mg/l 330 IS: 3025 (Part -23) 5 Chloride(as Cl),mg/L 15.7 IS: 3025 (Part - 32) 6 Sulphate(asSO<sub>4</sub>)mg/L 12.8 IS: 3025(Part - 24) 7 Nitrate (as NO<sub>3</sub>) mg/L 4.2 IS: 3025, (Part-34) 8 Fluoride (as F) mg/L 0.6 IS: 3025(Part -60) 9 Calcium (as Ca) mg/L 80 IS: 3025 (Part 40) 10 Magnesium (as Mg) mg/L 24.4 IS: 3025(Part - 46) 11 Total Hardness (asCaCO3) mg/L 300 IS: 3025(Part - 21) 12 Sodium (as Na) mg/L 28 IS: 3025(Part -45) 13 Potassium (as K) mg/L 2.8 IS: 3025(Part -45) 14 Boron (as B) mg/L BDL IS: 3025(Part -57) (DL=0.1)

Note BDL: denotes Below Detection Limit

DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

(Authorized Signatory)



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR, **PUNJAB** 

NA	Report No.	ETL/06072024/1552
NA	Report Date	06.07.2024
Ground Water	ULR No.	NA
	Sample Reg No.	ETL/W/29062024/1552
Satisfactory	Date of Sampling	27.06.2024
04	Date of sample receipt	29.06.2024
Village: Pathlawa	Date of Test Performance	29.06.2024-06.07.2024
Mr. K.K Mishra	Quantity	2 Liter
As per SOP	Packing Mode	Plastic Bottle
	NA Ground Water  Satisfactory 04 Village: Pathlawa Mr. K.K Mishra	NA         Report Date           Ground Water         ULR No.           Sample Reg No.           Satisfactory         Date of Sampling           04         Date of sample receipt           Village: Pathlawa         Date of Test Performance           Mr. K.K Mishra         Quantity

Discipline: Chemical	Group: Water
Sample Description: Coloureless liquid with some suspended particles	and all the state of the state

S.No.	Parameters	Results	Test Method
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	402	IS: 3025 (Part -23)
3	R.S.C , meq/L	0.60	By Calculation
4	S.A.R.	0.70	By Calculation
5	B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)
6	C.O.D, mg/L	4.3	IS: 3025(Part -55)

Note BDL: denotes Below Detection Limit DL: denotes Detection Limit

ND: denotes Not Detectable

The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

Technical Manager Environ Tech Laboratories

d Signatory)



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

To
M/s KUANTUM PAPERS LTD, SAILA KHURD
TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

Customer Reference No.	NA	Report No.	ETL/06072024/1553
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	TC587924000002634F
		Sample Reg No.	ETL/W/29062024/1553
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	05	Date of sample receipt	29.06.2024
Sampling Location	Village : Gujjarpur	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical	Group: Water
Sample Description: Clear & Coloureless Liquid	William .

S.No.	Parameters	Results	Test Method
1.	рН	7.12	IS: 3025(Part – 11)
2.	Total Dissolved Solids, mg/l,	432	IS: 3025(Part – 16)
3.	Conductivity micro mhos/cm at 25°C	716	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	297	IS: 3025 (Part -23)
5	Chloride(as Cl),mg/L	11.7	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	18.8	IS: 3025(Part - 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	20.2	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.8	IS: 3025(Part -60)
9	Calcium (as Ca) mg/L	40.1	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	46.1	IS: 3025(Part - 46)
11	Total Hardness (asCaCO3) mg/L	290	IS: 3025(Part – 21)
12	Sodium (as Na) mg/L	28	IS: 3025(Part -45)
13	Potassium (as K) mg/L	2.8	IS: 3025(Part -45)
14	Boron ( as B) mg/L	BDL (DL=0.1)	IS: 3025(Part -57)

Note BDL: denotes Below Detection Limit DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

(Authorized Signatory)
A JEET SINGH SAINI
Technical Mahager 1 of 1
Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR, PUNJAB

Customer Reference No.	NA	Report No.	ETL/06072024/1553
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	NA
		Sample Reg No.	ETL/W/29062024/1553
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	05	Date of sample receipt	29.06.2024
Sampling Location	Village : Gujjarpur	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical	Group: Water
Sample Description: Clear & Coloureless Liquid	

	Parameters	Results	Test Method
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	362	IS: 3025 (Part -23)
3	R.S.C , meq/L	0.14	By Calculation
4	S.A.R.	0.72	By Calculation
5	B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)
6	C.O.D, mg/L	4.32	IS: 3025(Part -55)

Note BDL: denotes Below Detection Limit

DL: denotes Detection Limit

ND: denotes Not Detectable

The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

(Authorized Signatory)
AJEET SWGH SAINI

Technical Man Rage 1 of 1 Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P



TC-5879

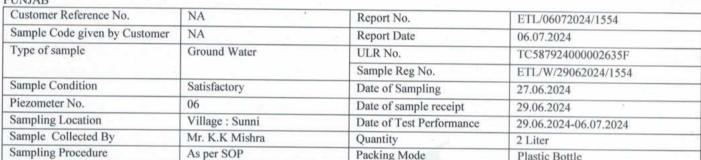
#### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD

TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

**PUNJAB** 



Discipline: Chemical Group: Water Sample Description: Clear & Coloureless Liquid

S.No.	Parameters	Results	Test Method
1.	pH	7.26	IS: 3025(Part – 11)
2.	Total Dissolved Solids, mg/l,	460	IS: 3025(Part – 16)
3.	Conductivity micro mhos/cm at 25°C	690	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	290	IS: 3025 (Part -23)
5	Chloride(as Cl),mg/L	29.4	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	15.8	IS: 3025(Part – 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	12.5	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.6	IS: 3025(Part -60)
9	Calcium (as Ca) mg/L	60.1	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	31.6	IS: 3025(Part – 46)
11	Total Hardness (asCaCO3) mg/L	280	IS: 3025(Part - 21)
12	Sodium (as Na) mg/L	32	IS: 3025(Part -45)
13	Potassium (as K) mg/L	1.4	IS: 3025(Part -45)
14	Boron ( as B) mg/L	BDL (DL=0.1)	IS: 3025(Part -57)

Note BDL: denotes Below Detection Limit DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters

This report can neither be used as evidence in the court of law nor can it be used in part of full in any media without prior permission.

The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified

\*\*END OF REPORT\*\*

Technical Manage Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD

TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

#### **PUNJAB**

Customer Reference No.	NA	Report No.	ETL/06072024/1554
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	NA
		Sample Reg No.	ETL/W/29062024/1554
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	06	Date of sample receipt	29.06.2024
Sampling Location	Village : Sunni	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical	Group: Water
Sample Description:Clear & Coloureless Liquid	50 page (1) 1 (1) (1) (1)

S.No.	Parameters	Results	Test Method
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	354	IS: 3025 (Part –23)
3	R.S.C , meq/L	0.20	By Calculation
4	S.A.R.	0.83	By Calculation
5	B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)
6	C.O.D, mg/L	4.32	IS: 3025(Part -55)

Note BDL: denotes Below Detection Limit

DL: denotes Detection Limit

ND: denotes Not Detectable

The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

Authorized Signatory)

AJEET SINGIAGATOR 1
Technical Manager
Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

NA	Report No.	ETL/06072024/1555
NA	Report Date	06.07.2024
Ground Water	ULR No.	TC587924000002636F
	Sample Reg No.	ETL/W/29062024/1555
Satisfactory	Date of Sampling	27.06.2024
07	Date of sample receipt	29.06.2024
Village: Majara Dingrian	Date of Test Performance	29.06.2024-06.07.2024
Mr. K.K Mishra	Quantity	2 Liter
As per SOP	Packing Mode	Plastic Bottle
	NA Ground Water  Satisfactory 07 Village: Majara Dingrian Mr. K.K Mishra	NA         Report Date           Ground Water         ULR No.           Sample Reg No.         Sample Reg No.           Satisfactory         Date of Sampling           07         Date of sample receipt           Village: Majara Dingrian         Date of Test Performance           Mr. K.K Mishra         Quantity

Discipline: Chemical	Group: Water
Sample Description:Clear& Colorless liquid	

S.No.	Parameters	Results	Test Method
1	pH	7.11	IS: 3025(Part – 11)
2	Total Dissolved Solids, mg/l,	489	IS: 3025(Part – 16)
3	Conductivity micro mhos/cm at 25°C	780	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	352	IS: 3025 (Part -23)
5	Chloride(as Cl),mg/L	31.3	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	15.8	IS: 3025(Part – 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	25.4	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.32	IS: 3025(Part -60)
9	Calcium (as Ca) mg/L	72.1	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	29.2	IS: 3025(Part – 46)
11	Total Hardness (asCaCO3) mg/L	300	IS: 3025(Part – 21)
12	Sodium (as Na) mg/L	60	IS: 3025(Part -45)
13	Potassium (as K) mg/L	2.6	IS: 3025(Part -45)
14	Boron ( as B) mg/L	BDL (DL=0.1)	IS: 3025(Part -57)

BDL: denotes Below Detection Limit

DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

Authorized Signatory)

Testing of Water, Waste Water, Soil, Biological Testing No Picture Report Ambient Air, Stack Emission on Technical Manager Work Zone Monitoring, Noise, Ventilation, LUX & Weather Monitoring Email: environtechlab72@yahoo.com | Website: www.environtechlab.com

NOT VALID FOR LEGAL PURPOSE



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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

T

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

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Customer Reference No.	NA	Report No.	ETL/06072024/1555
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	NA
		Sample Reg No.	ETL/W/29062024/1555
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	07	Date of sample receipt	29.06.2024
Sampling Location	Village: Majara Dingrian	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical	Group: Water
Sample Description:Clear& Colorless liquid	

	Results	Test Method
Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
Bicarbonate(asHCO <sub>3</sub> )mg/L	429	IS: 3025 (Part -23)
R.S.C , meq/L	1.04	By Calculation
S.A.R.	1.51	By Calculation
B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)
C.O.D, mg/L	4.80	IS: 3025(Part -55)
	Bicarbonate(asHCO <sub>3</sub> )mg/L  R.S.C , meq/L  S.A.R.  B.O.D, mg/L	Bicarbonate(asHCO <sub>3</sub> )mg/L 429  R.S.C , meq/L 1.04  S.A.R. 1.51  B.O.D, mg/L BDL (DL=2)

Note BDL: denotes Below Detection Limit

DL: denotes Detection Limit

DI: denotes Not Detectable

The test report refers only to tested sample and applicable parameters.

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

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CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P



TC-5879

#### TEST REPORT

To
M/s KUANTUM PAPERS LTD, SAILA KHURD
TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,
PUNJAB

Customer Reference No.	NA	Report No.	ETL/06072024/1556
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	TC587924000002637F
		Sample Reg No.	ETL/W/29062024/1556
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	08	Date of sample receipt	29.06.2024
Sampling Location	Village: Pensera	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr.K.K.Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical	Group: Water
Sample Description:Clear& Colorless liquid	

S.No.	Parameters	Results	Test Method
1	рН	7.47	IS: 3025(Part – 11)
2	Total Dissolved Solids, mg/l,	440	IS: 3025(Part – 16)
3	Conductivity micro mhos/cm at 25°C	680	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	352	IS: 3025 (Part -23)
5	Chloride(as Cl),mg/L	15.7	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	6.8	IS: 3025(Part – 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	3.3	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.60	IS: 3025(Part -60)
9	Calcium (as Ca) mg/L	70.5	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	30.1	IS: 3025(Part – 46)
11	Total Hardness (asCaCO3) mg/L	300	IS: 3025(Part – 21)
12	Sodium (as Na) mg/L	32	IS: 3025(Part -45)
13	Potassium (as K) mg/L	1.5	IS: 3025(Part -45)
4.	Boron ( as B) mg/L	BDL (DL=0.1)	IS: 3025(Part -57)

Note BDL: denotes Below Detection Limit

DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

\*\*END OF REPORT\*\*

(Authorized Signatory)
AJEET SINGH SAINI
Technical MaRage 1 of 1
Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR, **PUNJAB** 

Customer Reference No.	NA	Report No.	ETL/06072024/1556
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	NA
		Sample Reg No.	ETL/W/29062024/1556
Sample Condition	Satisfactory	Date of Sampling	27.06.2024
Piezometer No.	08	Date of sample receipt	29.06.2024
Sampling Location	Village : Pensera	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical	Group: Water	
Sample Description:Clear & C	olorless liquid	

S.No.	Parameters	Results	Test Method
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	429	IS: 3025 (Part -23)
3	R.S.C , meq/L	1.04	By Calculation
4	S.A.R.	0.80	By Calculation
5	B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)
6	C.O.D, mg/L	BDL (DL=4)	IS: 3025(Part -55)

Note: BDL: denotes Below Detection Limit DL: denotes Detection Limit

ND: denotes Not Detectable

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

(Authorized Signatory)

Technical Manager of I Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

UNJAB		Donast No.	ETL/06072024/1557
Customer Reference No.	NA	Report No.	
Sample Code given by Customer	NA	Report Date	06.07.2024
	Ground Water	ULR No.	TC587924000002638F
Type of sample	Glouina 17 moi	Sample Reg No.	ETL/W/29062024/1557
1.6 11.1	Satisfactory	Date of Sampling	27.06.2024
Sample Condition		Date of sample receipt	29.06.2024
Piezometer No.	09	Date of Test Performance	29.06.2024-06.07.2024
Sampling Location	Village : Saila Kalan		2 Liter
Sample Collected By	Mr. K.K Mishra	Quantity	
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

	Group: Water
Discipline: Chemical	
Sample Description:Clear& Colorless liquid	

S.No.	Parameters	Results	Test Method
1.	pH	7.72	IS: 3025(Part – 11)
2.	Total Dissolved Solids, mg/l,	424	IS: 3025(Part – 16)
3.	Conductivity micro mhos/cm at 25°C	638	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	297	IS: 3025 (Part -23)
5.	Chloride(as Cl),mg/L	27.4	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	20.5	IS: 3025(Part – 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	5.5	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.2	IS: 3025(Part -60)
9	Calcium (as Ca) mg/L	64	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	34	IS: 3025(Part – 46)
11	Total Hardness (asCaCO3) mg/L	300	IS: 3025(Part – 21)
12	- Sodium (as Na) mg/L	28	IS: 3025(Part -45)
13	Potassium (as K) mg/L	1.5	IS: 3025(Part -45)
14	Boron (as B) mg/L	BDL (DL=0.1)	IS: 3025(Part -57)

BDL: denotes Below Detection Limit Note

DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

Authorized Signatory)



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

UNJAB		Report No.	ETL/06072024/1557
Customer Reference No.	NA		06.07.2024
Sample Code given by Customer	NA	Report Date	NA
	Ground Water	ULR No.	6.16.6
Type of sample		Sample Reg No.	ETL/W/29062024/1557 28.06.2024
		Date of Sampling	
Sample Condition	Satisfactory	Date of sample receipt	29.06.2024
Piezometer No.	09	Date of Sample receipt	29.06.2024-06.07.2024
Sampling Location	Village : Saila Kalan	Date of Test Performance	2 Liter
	Mr. K.K Mishra	Quantity	III Carl Production
Sample Collected By		Packing Mode	Plastic Bottle
Sampling Procedure	As per SOP		

Group: Water Discipline: Chemical Sample Description:Clear& Colorless liquid

			Test Method
S.No.	Parameters	Results	Test Method
3.110.		ND	IS: 3025 (Part -23)
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	22)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	362	IS: 3025 (Part -23)
2 Bicarbonate(asHCO <sub>3</sub> )ing/L	0.06	By Calculation	
3	R.S.C, meq/L	-0.06	By Calculation
4	S.A.R. 0.70	0.70	10
	D O D/I	BDL	IS: 3025(Part -44)
5	B.O.D, mg/L	(DL=2)	
		BDL	IS: 3025(Part -55)
6	C.O.D, mg/L	(DL=4)	ND: denotes Not Detectable
	DL: denotes Below Detection Limit DL: denotes Detection Limit		ND; denotes Not Detectable

BDL: denotes Below Detection Limit

Not:

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

Technical Mana Environ Tech Laboratorica



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

ETL/06072024/1558
06.07.2024
TC587924000002639F
ETL/W/29062024/1558
g 28.06.2024
receipt 29.06.2024
rformance 29.06.2024-06.07.2024
2 Liter
Plastic Bottle
Plastic Bottle

Group: Water Discipline: Chemical Sample Description: Colorless liquid with some suspended particles

S.No.	Parameters	Results	Test Method
1.	pH	6.93	IS: 3025(Part – 11)
2.	Total Dissolved Solids, mg/l,	460	IS: 3025(Part – 16)
3.	Conductivity micro mhos/cm at 25°C	748	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	330	IS: 3025 (Part –23)
5	Chloride(as Cl),mg/L	35.2	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	22.2	IS: 3025(Part – 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	19.6	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.9	IS: 3025(Part -60)
9	Calcium (as Ca) mg/L	60.1	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	36.4	IS: 3025(Part – 46)
11	Total Hardness (asCaCO3) mg/L	300	IS: 3025(Part – 21)
12	Sodium (as Na) mg/L	48	IS: 3025(Part -45)
13	Potassium (as K) mg/L	3.4	IS: 3025(Part -45)
14	Boron ( as B) mg/L	BDL (DL=0.1)	IS: 3025(Part -57)

BDL: denotes Below Detection Limit Note:

DL: denotes Detection Limit

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This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

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Environ Tech Laboratories

Testing of Water, Waste Water, Soil, Biological Testing (中央) 中央 (中央) Work Zone Monitoring, Noise, Ventilation, LUX & Weather Monitoring Email: environtechlab72@yahoo.com | Website: www.environtechlab.com

NOT VALID FOR LEGAL PURPOSE



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

UNJAB	274	Report No.	ETL/06072024/1558
Customer Reference No.	NA		06.07.2024
Sample Code given by Customer	NA	Report Date	
	Ground Water	ULR No.	NA ETL/W/29062024/1558
Type of sample	NAME OF TAXABLE PARTY.	Sample Reg No.	
	Satisfactory	Date of Sampling	28.06.2024
Sample Condition		Date of sample receipt	29.06.2024
Piezometer No.	10		29.06.2024-06.07.2024
Sampling Location	Village: Tuto Majara	Date of Test Performance	
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Group: Water Discipline: Chemical

Sample Description: Colorless liquid with some suspended particles

(as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
te(asHCO <sub>3</sub> )mg/L	402	IS: 3025 (Part -23)
eq/L	0.60	By Calculation
	1.21	By Calculation
g/L	BDL (DI =2)	IS: 3025(Part -44)
g/L	4.0	IS: 3025(Part -55)
		/L BDL (DL=2)

BDL: denotes Below Detection Limit Note:

DL: denotes Detection Limit

ND= Not Detected

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

AJEET SINCRAGATION 1

Technical Manager Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P







#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

Tara	Report No.	ETL/06072024/1559
	C-23 A 100 C-200 C-2	06.07.2024
NA	The state of the s	TC587924000002640F
Ground Water		ETL/W/29062024/1559
Satisfactory	Sample Reg No.	
	Date of Sampling	28.06.2024
2.7		29.06.2024
The state of the s		29.06.2024-06.07.2024
		2 Liter
As per SOP		Plastic Bottle
	Packing Mode	Flastic Bottle
	NA NA Ground Water Satisfactory 11 Village: Gandowal Mr. K.K Mishra As per SOP	NA Report Date  Ground Water ULR No.  Satisfactory Sample Reg No.  11 Date of Sampling  Village: Gandowal Date of Test Performance  Mr. K.K Mishra Date of Test Performance

Group: Water Discipline: Chemical Sample Description: Colorless liquid with settled soil particles

S.No.	Parameters	Results	Test Method
011.101		7.09	IS: 3025(Part - 11)
1.	pH	7.05	
2.	Total Dissolved Solids, mg/l,	498	IS: 3025(Part – 16)
	Conductivity micro mhos/cm at 25°C	753	IS: 3025 (Part-14)
3.	Conductivity micro milos/em at 25 C		IS: 3025 (Part -23)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	352	Copyright States Committee
5	Chloride(as Cl),mg/L	17.6	IS: 3025 (Part – 32)
		8.8	IS: 3025(Part – 24)
6	Sulphate(asSO <sub>4</sub> )mg/L		IS: 3025, (Part-34)
7	Nitrate (as NO <sub>3</sub> ) mg/L	1.6	
8	Fluoride (as F) mg/L	0.31	IS: 3025(Part -60)
0		64.1	IS: 3025 (Part 40)
9	Calcium (as Ca) mg/L	04.1	20.2025(Dept. 46)
10	Magnesium (as Mg) mg/L	36.4	IS: 3025(Part – 46)
		310	IS: 3025(Part – 21)
11	Total Hardness (asCaCO3) mg/L	32	IS: 3025(Part -45)
12	Sodium (as Na) mg/L	32	Attacher - Carro Markon C
13	Potassium (as K) mg/L	2.4	IS: 3025(Part -45)
1		BDL	IS: 3025(Part -57)
14		(DL=0.1)	imit /
13	Boron ( as B) mg/L	BDL (DL=0.1) DL: denotes Detection I	

Note:

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

Testing of Water, Waste Water, Soil, Biological Testing Wenix Property Ambient Air, Stack Emission Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To
M/s KUANTUM PAPERS LTD, SAILA KHURD
TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

06.07.2024
NA
o. ETL/W/29062024/1559
ng 28.06.2024
receipt 29.06.2024
erformance 29.06.2024-06.07.2024
2 Liter
Plastic Bottle
,

Discipline: Chemical	Group: Water	
Sample Description:Colorless liq	uid with settled soil particles	

S.No.	Parameters	Results	Test Method
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	429	IS: 3025 (Part -23)
3	R.S.C , meq/L	0.84	By Calculation
4	S.A.R.	0.79	By Calculation
5	B.O.D, mg/L	BDL (DL=2)	1S: 3025(Part -44)
6	C.O.D, mg/L	BDL (DL=4)	IS: 3025(Part -55)

Note: BDL: denotes Below Detection Limit

DL: denotes Detection Limit

ND: denotes Not Detectable

The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

(Authorized Signatory)

AJEET SINGH SAINT Technical Manager Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

	Penart No	ETL/06072024/1560
NA		06.07.2024
NA	Report Date	TC587924000002641F
	ULR No.	The same of the sa
	Sample Reg No.	ETL/W/29062024/1560
Catinfactom	Date of Sampling	28.06.2024
		29.06.2024
1012		29.06.2024-06.07.2024
1-20-20-20-20-20-20-20-20-20-20-20-20-20-	Service and the service and th	2 Liter
Mr. K.K Mishra	the state of the s	Plastic Bottle
As per SOP	Packing Mode	Plastic Bottle
	Ground Water  Satisfactory  12  Nariyala  Mr. K.K Mishra	NA         Report Date           Ground Water         ULR No.           Sample Reg No.         Date of Sampling           12         Date of sample receipt           Nariyala         Date of Test Performance           Mr. K.K Mishra         Quantity

Group: Water Discipline: Chemical Sample Description: Colorless liquid with some suspended particles

S.No.	Parameters	Results	Test Method
1.	pH	7.25	IS: 3025(Part – 11)
2.	Total Dissolved Solids, mg/l,	441	IS: 3025(Part – 16)
3.	Conductivity micro mhos/cm at 25°C	688	IS: 3025 (Part-14)
6.	Alkalinity (as CaCO <sub>3</sub> )mg/l	330	IS: 3025 (Part -23)
7.	Chloride(as Cl),mg/L	15.7	IS: 3025 (Part – 32)
8.	Sulphate(asSO <sub>4</sub> )mg/L	11.8	IS: 3025(Part – 24)
9.	Nitrate (as NO <sub>3</sub> ) mg/L	1.9	IS: 3025, (Part-34)
10.	Fluoride (as F) mg/L	0.7	IS: 3025(Part -60)
11.	Calcium (as Ca) mg/L	64.1	IS: 3025 (Part 40)
12.	Magnesium (as Mg) mg/L	31.6	IS: 3025(Part – 46)
13.	Total Hardness (asCaCO3) mg/L	290	IS: 3025(Part – 21)
14.	Sodium (as Na) mg/L	32	IS: 3025(Part -45)
15	Potassium (as K) mg/L	2.4	IS: 3025(Part -45)
16.	Boron ( as B) mg/L	BDL (DL=0.1)	IS: 3025(Part –57)

BDL: denotes Below Detection Limit DL: denotes Detection Limit Note

The test report refers only to tested sample and applicable parameters. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

Environ Tech Laboratories



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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

UNJAB		Report No.	ETL/06072024/1560
Customer Reference No.	NA		
Sample Code given by Customer	NA	Report Date	06.07.2024
	Ground Water	ULR No.	NA
Type of sample	Ground Water	Sample Reg No.	ETL/W/29062024/1560
G. J. G Jitian	Satisfactory	Date of Sampling	28.06.2024
Sample Condition	12	Date of sample receipt	29.06.2024
Piezometer No.		Date of Test Performance	29.06.2024-06.07.2024
Sampling Location	Nariyala		2 Liter
Sample Collected By	Mr. K.K Mishra	Quantity	(Allegaria)
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Group: Water Discipline: Chemical Sample Description: Colorless liquid with some suspended particles

S.No.	Parameters	Results	Test Method
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	402	IS: 3025 (Part -23)
3	R.S.C, meq/L	0.80	By Calculation
4	S.A.R.	0.82	By Calculation
5	B.O.D, mg/L	• 2.1	IS: 3025(Part -44)
6	C.O.D, mg/L	5.48	IS: 3025(Part -55)
1185			ND: denotes Not Detectable

Note

The test report refers only to tested sample and applicable parameters.

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081

GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

UNJAB	1 2 2 3	Report No.	ETL/06072024/1561
Customer Reference No.	NA		
Sample Code given by Customer	NA	Report Date	06.07.2024
	Ground Water	ULR No.	TC587924000002642F
Type of sample	Ground Water	Sample Reg No.	ETL/W/29062024/1561
Carrela Condition	Satisfactory	Date of Sampling	28.06.2024
Sample Condition	13	Date of sample receipt	29.06.2024
Piezometer No.	Inside Factory	Date of Test Performance	29.06.2024-06.07.2024
Sampling Location		Quantity	2 Liter
Sample Collected By	Mr. K.K Mishra)		Plastic Bottle
Sampling Procedure	As per SOP	Packing Mode	Thatte Dotte

Group: Water Discipline: Chemical Sample Description: Clear& Colorless water

S.No.	Parameters	Results	Test Method
1.	pH	7.29	IS: 3025(Part – 11)
2.	Total Dissolved Solids, mg/l,	444	IS: 3025(Part – 16)
3.	Conductivity micro mhos/cm at 25°C	668	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	300	IS: 3025 (Part -23)
5	Chloride(as Cl),mg/L	19.6	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	9.8	IS: 3025(Part – 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	2.2	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.72	IS: 3025(Part -60)
9	Calcium (as Ca) mg/L	48.1	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	36.4	IS: 3025(Part – 46)
11	Total Hardness (asCaCO3) mg/L	270	IS: 3025(Part – 21)
12	Sodium (as Na) mg/L	30	IS: 3025(Part -45)
13	Potassium (as K) mg/L	2.4	IS: 3025(Part -45)
14	Boron ( as B) mg/L	BDL (DL=0.1)	IS: 3025(Part –57)

BDL: denotes Below Detection Limit DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters.

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Technical Manager



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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

PUNJAB		Report No.	ETL/06072024/1561
Customer Reference No.	NA		06.07.2024
Sample Code given by Customer	NA	Report Date	NA ·
	Ground Water	ULR No.	ETL/W/29062024/1561
Type of sample	- Circuit	Sample Reg No.	
	0.10	Date of Sampling	28.06.2024
Sample Condition	Satisfactory	Date of sample receipt	29.06.2024
Piezometer No.	13	Date of Test Performance	29.06.2024-06.07.2024
Sampling Location	Inside Factory		2 Liter
	Mr. K.K Mishra	Quantity	AND DESCRIPTION
Sample Collected By	Packing Mode		Plastic Bottle
Sampling Procedure	As per 301		

		Group: Water	
Discipline: Chemical			
Sample Description:	Clear & Colorless water		

		Results	Test Method
S.No.	Parameters	Results	22
	"	ND	IS: 3025 (Part -23)
1	Carbonate (as CO <sub>3</sub> ) mg/L	1,10	
		366	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	300	
		0.60 By Calculation	By Calculation
3	R.S.C , meq/L	0.00	
		0.79	By Calculation
4	S.A.R.	0.79	
		3.9	IS: 3025(Part -44)
5	B.O.D, mg/L	3.5	
		6.48	IS: 3025(Part -55)
6	C.O.D, mg/L	0.40	
7-T-11			ND: denotes Not Detectable

Note:

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CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081

GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





Group: Water

#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR , DISTRICT : HOSHIARPUR ,

	Danast No.	ETL/06072024/1562
NA	CONTRACTOR OF STREET	
NA	Report Date	06.07.2024
Ground Water	ULR No.	TC587924000002643F
Ground Water	Sample Reg No.	ETL/W/29062024/1562
Satisfactory	Date of Sampling	28.06.2024
	Date of sample receipt	29.06.2024
170.5	Date of Test Performance	29.06.2024-06.07.2024
	Quantity	2 Liter
Charles Paracipation Control of the	Packing Mode	Plastic Bottle
	NA NA Ground Water  Satisfactory 14 Near Canteen (Inside Factory) Mr. K.K Mishra As per SOP	NA         Report Date           Ground Water         ULR No.           Sample Reg No.           Satisfactory         Date of Sampling           14         Date of sample receipt           Near Canteen (Inside Factory)         Date of Test Performance           Mr. K.K Mishra         Quantity

Discipline: Chemical
Sample Description: Clear liquid with some suspended particles

S.No.	Parameters	Results	Test Method
1.	pH	7.32	IS: 3025(Part – 11)
2.	Total Dissolved Solids, mg/l,	412	IS: 3025(Part – 16)
3.	Conductivity micro mhos/cm at 25°C	616	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	308	IS: 3025 (Part -23)
5	Chloride(as Cl),mg/L	19.6	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	4.5	IS: 3025(Part – 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	1.2	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.55	IS: 3025(Part -60)
9	Calcium (as Ca) mg/L	56.1	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	34.0	IS: 3025(Part – 46)
11	Total Hardness (asCaCO3) mg/L	280	IS: 3025(Part – 21)
12	Sodium (as Na) mg/L	24	IS: 3025(Part -45)
13	Potassium (as K) mg/L	2.2	IS: 3025(Part -45)
14.	Boron (as B) mg/L	BDL (DL=0.1)	IS: 3025(Part –57)

Note:

BDL: denotes Below Detection Limit

DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters.
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Testing of Water, Waste Water, Soil, Biological Testing; Monitoring of Ambient Air, Stack Emission Page 1 of 1
Work Zone Monitoring, Noise, Ventilate No Noise Water Monitoring
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NOT VALID FOR LEGAL PURPOSE



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### **TEST REPORT**

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR, PUNJAB

NA	Report No.	ETL/06072024/1562
NA		06.07.2024
Ground Water	ULR No.	NA NA
	Sample Reg No.	ETL/W/29062024/1562
Satisfactory	Date of Sampling	28.06.2024
14	Date of sample receipt	29.06.2024
Near Canteen (Inside Factory)		29.06.2024-06.07.2024
Mr. K.K Mishra	Quantity	2 Liter
As per SOP	Packing Mode	Plastic Bottle
	NA Ground Water  Satisfactory 14 Near Canteen (Inside Factory) Mr. K.K Mishra	NA Report Date  Ground Water  ULR No.  Sample Reg No.  Satisfactory  Date of Sampling  14  Date of sample receipt  Near Canteen (Inside Factory)  Date of Test Performance  Mr. K.K Mishra  Quantity

Discipline: Chemical
Sample Description: Clear liquid with some suspended particles

Group: Water

Parameters	Results	Test Method
Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
Bicarbonate(asHCO <sub>3</sub> )mg/L	376	IS: 3025 (Part –23)
R.S.C , meq/L	0.56	By Calculation
S.A.R.	0.62	By Calculation
B.O.D, mg/L	2.1	IS: 3025(Part -44)
C.O.D, mg/L	4.32	IS: 3025(Part -55)
	Carbonate (as CO <sub>3</sub> ) mg/L  Bicarbonate(asHCO <sub>3</sub> )mg/L  R.S.C, meq/L  S.A.R.  B.O.D, mg/L	Carbonate (as CO <sub>3</sub> ) mg/L   ND

Note:

ND: denotes Not Detectable

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AJEET SINGAGE A Tori 1
Technical Manager
Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081

GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

UNJAB Customer Reference No.	NA	Report No.	ETL/06072024/1563
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	TC587924000002644F
-77	See the Area San See See See See See See See See See Se	Sample Reg No.	ETL/W/29062024/1563
Sample Condition	Satisfactory	Date of Sampling	28.06.2024
Piezometer No.	15	Date of sample receipt	29.06.2024
Sampling Location	Near Security Gate ( Wheat Straw Yard )	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Group: Water Discipline: Chemical Clear& Coloureless Liquid Sample Description:

Parameters	Results	Test Method
рН	7.44	IS: 3025(Part – 11)
Total Dissolved Solids, mg/l,	462	IS: 3025(Part – 16)
Conductivity micro mhos/cm at 25°C	720	IS: 3025 (Part-14)
Alkalinity (as CaCO <sub>3</sub> )mg/l	300	IS: 3025 (Part -23)
Chloride(as Cl),mg/L	64.6	IS: 3025 (Part – 32)
Sulphate(asSO <sub>4</sub> )mg/L	6.1	IS: 3025(Part – 24)
Nitrate (as NO <sub>3</sub> ) mg/L	3.5	IS: 3025, (Part-34)
Fluoride (as F) mg/L	0.52	IS: 3025(Part -60)
Calcium (as Ca) mg/L	60.1	IS: 3025 (Part 40)
Magnesium (as Mg) mg/L	41.3	IS: 3025(Part – 46)
Total Hardness (asCaCO3) mg/L	320	IS: 3025(Part – 21)
Sodium (as Na) mg/L	34	IS: 3025(Part -45)
Potassium (as K) mg/L	2.2	IS: 3025(Part -45)
Boron ( as B) mg/L	BDL (DL=0.1)	IS: 3025(Part -57)
	pH  Total Dissolved Solids, mg/l,  Conductivity micro mhos/cm at 25°C  Alkalinity (as CaCO <sub>3</sub> )mg/l  Chloride(as Cl),mg/L  Sulphate(asSO <sub>4</sub> )mg/L  Nitrate (as NO <sub>3</sub> ) mg/L  Fluoride (as F) mg/L  Calcium (as Ca) mg/L  Magnesium (as Mg) mg/L  Total Hardness (asCaCO <sub>3</sub> ) mg/L  Sodium (as Na) mg/L  Potassium (as K) mg/L	pH       7.44         Total Dissolved Solids, mg/l,       462         Conductivity micro mhos/cm at 25°C       720         Alkalinity (as CaCO <sub>3</sub> )mg/l       300         Chloride(as Cl),mg/L       64.6         Sulphate(asSO <sub>4</sub> )mg/L       6.1         Nitrate (as NO <sub>3</sub> ) mg/L       3.5         Fluoride (as F) mg/L       0.52         Calcium (as Ca) mg/L       60.1         Magnesium (as Mg) mg/L       41.3         Total Hardness (asCaCO3) mg/L       320         Sodium (as Na) mg/L       34         Potassium (as K) mg/L       2.2         Boron (as B) mg/L       BDL

Note The test report refers only to tested sample and applicable parameters.

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Technical Manager



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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD

TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

PINIAR

Customer Reference No.	NA	Report No.	ETL/06072024/1563
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	NA
Type of sample	Control of the Contro	Sample Reg No.	ETL/W/29062024/1563
Sample Condition	Satisfactory	Date of Sampling	28.06.2024
Piezometer No.	15	Date of sample receipt	29.06.2024
Sampling Location	Near Security Gate ( Wheat Straw Yard )	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical		Group: Water
Sample Description:	Clear& Coloureless Liquid	

S.No.	Parameters	Results	Test Method	
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)	
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	360	IS: 3025 (Part -23)	
3	R.S.C , meq/L	-0.40	By Calculation	
4	S.A.R.	0.83	By Calculation	
5	B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)	
6	C.O.D, mg/L	BDL (DL=4)	IS: 3025(Part –55)	

Note BDL: denotes Below Detection Limit

DL: denotes Detection Limit

ND: denotes Not Detected

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AJEET SINGH SAINI Technical Manager Environ Tech Lagsadriof 1

Authorized Signatory)



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P



#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,



Customer Reference No.	NA	Report No.	ETL/06072024/1564
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	TC587924000002645F
2)		Sample Reg No.	ETL/W/29062024/1564
Sample Condition	Satisfactory	Date of Sampling	28.06.2024
Piezometer No.	16	Date of sample receipt	29.06.2024
Sampling Location	Near Tubewell No.12 (Inside factory)	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Group: Water Discipline: Chemical Clear & Colourless liquid Sample Description:

S.No.	Parameters	Results	Test Method
1.	pH	7.15	IS: 3025(Part – 11)
2.	Total Dissolved Solids, mg/l,	446	IS: 3025(Part - 16)
3.	Conductivity micro mhos/cm at 25°C	670	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	310	IS: 3025 (Part -23)
5	Chloride(as Cl),mg/L	15.7	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	5.4	IS: 3025(Part – 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	4.4	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.32	IS: 3025(Part -60)
9	Calcium (as Ca) mg/	70.5	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	25.3	IS: 3025(Part – 46)
11	Total Hardness (asCaCO3) mg/L	280	IS: 3025(Part – 21)
12	Sodium (as Na) mg/L	24	IS: 3025(Part -45)
13	Potassium (as K) mg/L	1.1	IS: 3025(Part -45)
14	Boron ( as B) mg/L	BDL (DL=0.1)	IS: 3025(Part -57)

Note

BDL: denotes Below Detection Limit

DL: denotes Detection Limit

The test report refers only to tested sample and applicable parameters.

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Testing of Water, Waste Water, Soil, Biological Testing, Monitoring of Ambient Air, Stack Emission Page 1 of 1
Work Zone Monitoring, Noise, Ventilation, LOX-8 Weather Monitoring

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CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR , DISTRICT : HOSHIARPUR , PUNJAB

Customer Reference No.	NA	Report No.	ETL/06072024/1564
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	NA
		Sample Reg No.	ETL/W/29062024/1564
Sample Condition	Satisfactory	Date of Sampling	28.06.2024
Piezometer No.	16	Date of sample receipt	29.06.2024
Sampling Location	Near Tubewell No.12 ( Inside factory)	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical		Group: Water
Sample Description : :	Clear & Colourless liquid	

S.No.	Parameters	Results	Test Method	
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)	
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	378	IS: 3025 (Part -23)	
3	R.S.C , meq/L	0.60	By Calculation	
4	S.A.R.	0.62	By Calculation	
5	B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)	
6	C.O.D, mg/L	4.32	IS: 3025(Part -55)	

Note: BDL: denotes Below Detection Limit

DL: denotes Detection Limit

ND: denotes Not Detected

The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

(Authorized Signatory)

AJEET SINGPage Nof 1

Technical Manager Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

EHSIL- GARGISTILL		Report No.	ETL/06072024/1565
UNJAB Pafarance No.	NA		06.07.2024
Customer Reference No.	NA	Report Date	TC587924000002646F
Sample Code given by Customer	Ground Water	ULR No.	ETL/W/29062024/1565
Type of sample	Ground water	Sample Reg No.	
		Date of Sampling	28.06.2024
Sample Condition	Satisfactory	Date of sample receipt	29.06.2024
	17	Date of Test Performance	29.06.2024-06.07.2024
Piezometer No.	Village : Paddi	and the second s	2 Liter
Sampling Location	Mr. K.K Mishra	Quantity	Plastic Bottle
Sample Collected By	As per SOP	Packing Mode	Littera
Sampling Procedure	As per son		

	Group: Water
Discipline: Chemical	
Sample Description: : Clear & Colourless liquid	

dinpie L	Description: : Clear & Colouriess Inquid		Test Method
131	Parameters	Results	
S.No.	Parameters	7.18	IS: 3025(Part – 11)
1.	pH		IS: 3025(Part – 16)
2.	Total Dissolved Solids, mg/l,	400	
2.		602	1S: 3025 (Part-14)
3.	Conductivity micro mhos/cm at 25°C	275	IS: 3025 (Part -23)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	275	IS: 3025 (Part – 32)
10		19.7	
5	Chloride(as Cl),mg/L	8.8	IS: 3025(Part – 24)
6	Sulphate(asSO <sub>4</sub> )mg/L	7800.0	IS: 3025, (Part-34)
7	Nitrate (as NO <sub>3</sub> ) mg/L	1.5	Western St. V.
,	35.34.00.34 (W. 6	0.65	IS: 3025(Part -60)
8	Fluoride (as F) mg/L	48.1	IS: 3025 (Part 40)
9	Calcium (as Ca) mg/L	46.1	IS: 3025(Part – 46)
	Magnesium (as Mg) mg/L	26.7	
10		230	IS: 3025(Part – 21)
11	Total Hardness (asCaCO3) mg/L	36	IS: 3025(Part -45)
12	Sodium (as Na) mg/L	30	IS: 3025(Part -45)
	Potassium (as K) mg/L	1.4	
13		BDL	1S: 3025(Part -57)
14.	Boron (as B) mg/L	(DL=0.1) DL: denotes De	testion I imit

Note: BDL: denotes Below Detection Limit

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

zed Signatory



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR , DISTRICT : HOSHIARPUR ,

Customer Reference No.	NA	Report No.	ETL/06072024/1565
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	NA
		Sample Reg No.	ETL/W/29062024/1565
Sample Condition	Satisfactory	Date of Sampling	28.06.2024
Piezometer No.	17	Date of sample receipt	29.06.2024
Sampling Location	Village : Paddi	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical		Group: Water
Sample Description:	: Clear & Colourless liquid	

S.No.	Parameters	Results	Test Method
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	336	1S: 3025 (Part -23)
3	R.S.C , meq/L	0.90	By Calculation
4	S.A.R.	1.03	By Calculation
5	B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)
6	C.O.D, mg/L	BDL (DL=4)	IS: 3025(Part -55)
Note:	BDL: denotes Below Detection Limit	DL: denotes Detection	on Limit ND: denotes Not Detected

1. The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

(Authorized Signatory)

AJEET SINGH SAINI

Technical Manpage 1 of 1

Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

To

M/s KUANTUM PAPERS LTD, SAILA KHURD

TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR,

-	U	N.I	п		и		
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Customer Reference No.	NA	Report No.	ETL/06072024/1566
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	TC587924000002647F
-71	and the second s	Sample Reg No.	ETL/W/29062024/1566
Sample Condition	Satisfactory	Date of Sampling	28.06.2024
Piezometer No.	18	Date of sample receipt	29.06.2024
Sampling Location	Village : Possi	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical		Group: Water
Sample Description:	- 1	Clear & Colourless liquid

S.No.	Parameters	Results	Test Method
1.	pH	7.29	IS: 3025(Part - 11)
2.	Total Dissolved Solids, mg/l,	438	IS: 3025(Part – 16)
3.	Conductivity micro mhos/cm at 25°C	660	IS: 3025 (Part-14)
4	Alkalinity (as CaCO <sub>3</sub> )mg/l	300	IS: 3025 (Part -23)
5	Chloride(as Cl),mg/L	24.5	IS: 3025 (Part – 32)
6	Sulphate(asSO <sub>4</sub> )mg/L	4.5	IS: 3025(Part – 24)
7	Nitrate (as NO <sub>3</sub> ) mg/L	0.25	IS: 3025, (Part-34)
8	Fluoride (as F) mg/L	0.48	IS: 3025(Part -60)
9	Calcium (as Ca) mg/L	68.9	IS: 3025 (Part 40)
10	Magnesium (as Mg) mg/L	31.1	IS: 3025(Part – 46)
11	Total Hardness (asCaCO3) mg/L	300	IS: 3025(Part – 21)
12	Sodium (as Na) mg/L	18	IS: 3025(Part -45)
13	Potassium (as K) mg/L	2.2	IS: 3025(Part -45)
14	Boron ( as B) mg/L	BDL (DL=0.1)	IS: 3025(Part -57)

Note: B

BDL: denotes Below Detection Limit

DL: denotes Detection Limit

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2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

Authorized Signa AJEE SINGH SA Technical Manager Environ Tech Laborat

END OF REPORTS



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT: HOSHIARPUR, **PUNJAB** 

Customer Reference No.	NA	Report No.	ETL/06072024/1566
Sample Code given by Customer	NA	Report Date	06.07.2024
Type of sample	Ground Water	ULR No.	NA
		Sample Reg No.	ETL/W/29062024/1566
Sample Condition	Satisfactory	Date of Sampling	28.06.2024
Piezometer No.	18	Date of sample receipt	29.06.2024
Sampling Location	Village : Possi	Date of Test Performance	29.06.2024-06.07.2024
Sample Collected By	Mr. K.K Mishra	Quantity	2 Liter
Sampling Procedure	As per SOP	Packing Mode	Plastic Bottle

Discipline: Chemical		Group: Water	
Sample Description:	: Clear & Colourless liquid	**	

S.No.	Parameters	Results	Test Method
1	Carbonate (as CO <sub>3</sub> ) mg/L	ND	IS: 3025 (Part -23)
2	Bicarbonate(asHCO <sub>3</sub> )mg/L	366	IS: 3025 (Part -23)
3	R.S.C , meq/L	0.00	By Calculation
4	S.A.R.	0.45	By Calculation
5	B.O.D, mg/L	BDL (DL=2)	IS: 3025(Part -44)
6	C.O.D, mg/L	BDL (DL=4)	IS: 3025(Part –55)

Note: BDL: denotes Below Detection Limit DL: denotes Detection Limit

ND= Denoted not detected

The test report refers only to tested sample and applicable parameters. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

AJEET SINGU SAINI 1 of Technical Manager Environ Tech Laboratories

\*\*END OF REPORT\*\*



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P







#### TEST REPORT

TO
M/s KUANTUM PAPERS LTD, SAILA KHURD
TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR,
PLINIAR

Customer Reference No.	NA	Report No.	ETL/04072024/1521
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Stack Emission ( Boiler Stack)	ULR No.	TC587924000002605F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1521
Sampling Location	Power Boiler NO.5 (130TPH)	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra (Field officer)	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

	TECHNICAL DA	TA				
Instrument Used for Sampling	Stack Monitoring Instrument	Stack Monitoring Instrument				
Source of Emission	Stack Attached to Power Boiler NO.5 (1	30TPH)				
Engine S. No		Model Name.				
Mfg. Year	74	Type of Fuel Used	Coal & Rice husk			
Diameter of Stack (ID)	2.75 m (Bottom), 2.20 m (Top)	Fuel used Qty. (Per Hour)				
Stack Height from Ground Level	80 Mtr	Type of Stack	Circular & RCC			
Ambient Temperature (°C)	27	Flow rate (LPM)	15			
Stack Temperature (°C)	110	Sampling Time (min)	67			
Velocity of Flue Gases (m/s)	9.97	Control Measures (if any)	ESP			
Sampling Point	Sampling done from port hole of stack	Volumetric Flow Rate (Nm3/Hr)	165945			

Sr.No	PARAMETERS	RESULT	LIMITS (As per CPCB CPCB)	TEST METHOD
1.	PM (12% CO <sub>2</sub> Normalization),mg/Nm3	28	150	IS:11255(Pt -1)
2.	Sulphur Dioxide (SO2), mg/Nm3	80		IS:11255(Pt -2)
3.	Oxides of Nitrogen(NOx), mg/Nm3	87	144	IS:11255(Pt -7)
4.	Carbon Dioxide as CO <sub>2</sub> %	9.2		IS 13270
5.	Oxygen As O <sub>2</sub> %	7.9		IS 13270

Note

Discipline: Chemical

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

(Authorized Signatory)

Group: Atmospheric Pollution

Quanty Manager Environ Tech Laboratories







CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, **PUNJAB** 

Customer Reference No.	NA	Report No.	ETL/04072024/1523
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Stack Emission ( Boiler Stack)	ULR No.	TC587924000002607F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1523
Sampling Location	Recovery Boiler (21 TPH)	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra (Field officer)	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Group: Atmospheric Pollution

	TECHNICAL DA	TA	
Instrument Used for Sampling	Stack Monitoring Instrument	THE PARTY OF THE P	
Source of Emission	Stack Attached to Recovery Boiler (217	TPH)	
Engine S. No		Model Name.	
Mfg. Year		Type of Fuel Used	Black Liquor
Diameter of Stack	2.07 m (Bottom), 1.67 m (Top)	Fuel used Qty. (Per Hour)	
Stack Height from Ground Level	70 Mtr	Type of Stack	Circular & RCC
Ambient Temperature (°C)	27	Flow rate (LPM)	14
Stack Temperature (°C)	120	Sampling Time (min)	71
Velocity of Flue Gases (m/s)	9.43	Control Measures (if any)	ESP
Sampling Point	Sampling done from port hole of stack	Volumetric Flow Rate (Nm3/Hr)	86669

Sr.No	PARAMETERS	RESULT	LIMITS (As per CPCB CPCB)	TEST METHOD
1.	PM (12% CO <sub>2</sub> Normalization),mg/Nm3	28.7	150	IS:11255(Pt -1)
2.	Sulphur Dioxide (SO2), mg/Nm3	46	***	IS:11255(Pt -2)
3.	Oxides of Nitrogen(NOx), mg/Nm3	98	***	IS:11255(Pt -7)
4.	Carbon Dioxide as CO <sub>2</sub> %	7.3	2000	IS 13270
5.	Oxygen As O <sub>2</sub> %	11.5		IS 13270

Note:

Discipline: Chemical

The test report refers only to tested sample and applicable parameters.

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



\*\*End of Report\*\*

erenestaen kurum (Authorized Signatory)

> Quanty Manager Environ Tech Laboratories





CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P



TC-5879

#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNIAR



Customer Reference No.	NA	Report No.	ETL/04072024/1522
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Stack Emission	ULR No.	TC587924000002606F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1522
Sampling Location	Recovery Boiler New - (65 TPH)	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra (Field officer)	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Discipline: Chemical	Group: Atmospheric Pollution

	TECHNICAL DA	TA		
Instrument Used for Sampling Stack Monitoring Instrument				
Source of Emission	Stack Attached to Recovery Boiler New	Stack Attached to Recovery Boiler New - (65 TPH)		
Engine S. No	97	Model Name.		
Mfg. Year		Type of Fuel Used	Black Liquor	
Diameter of Stack	2.07 m (Bottom), 1.67 m (Top)	Fuel used Qty. (Per Hour)		
Stack Height from Ground Level	75 Mtr	Type of Stack	Circular & RCC	
Ambient Temperature (°C)	27	Flow rate (LPM)	15	
Stack Temperature (°C)	145	Sampling Time (min)	67	
Velocity of Flue Gases (m/s)	11.13	Control Measures (if any)	ESP	
Sampling Point	Sampling done from port hole of stack	Volumetric Flow Rate (Nm3/Hr)	96175	

Sr.No	PARAMETERS	RESULT	LIMITS (As per CPCB CPCB)	TEST METHOD
1.	PM (12% CO <sub>2</sub> Normalization),mg/Nm3	26.9	150	IS:11255(Pt -1)
2.	Sulphur Dioxide (SO2), mg/Nm3	65.5	***	IS:11255(Pt -2)
3.	Oxides of Nitrogen(NOx), mg/Nm3	95	***	IS:11255(Pt -7)
4.	Carbon Dioxide as CO <sub>2</sub> %	9.4	****	IS 13270
5.	Oxygen As O <sub>2</sub> %	9.3	****	IS 13270

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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



Quality Manager Environ Tech Laboratories







CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, DUBITAD

Customer Reference No.	NA	Report No.	ETL/04072024/1524
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Stack Emission	ULR No.	TC587924000002608F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1524
Sampling Location	D.G. Set (160 KVA)	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Group: Atmospheric Pollution Discipline: Chemical

	TECHNICAL DATA				
Instrument Used for Sampling	Used for Sampling Stack Monitoring Instrument				
Source of Emission	Stack Attached to D.G. Set (160 KVA)				
Engine S. No	84913143	Model Name.	Cummins		
Mfg. Year	13.01.2020	Type of Fuel Used	HSD		
Diameter of Stack	4 inch	Fuel used Qty. (Per Hour)	12-15 lit/hr		
Stack Height from Ground Level	25 feet	Type of Stack	Circular & Metal		
Ambient Temperature (°C)	29	Flow rate (LPM)	27		
Stack Temperature (°C)	109	Sampling Time (min)	37		
Velocity of Flue Gases (m/s)	8.16	Control Measures (if any)			
Sampling Point	Sampling done from port hole of stack	Volumetric Flow Rate (Nm3/Hr)	187		

Sr.No.	Parameters	Results	Limits (As per CPCB)	Test Method
1	Particulate Matter (as PM) g/kW-hr	0.08	≤0.2	IS:11255(Pt -1)
2	Oxides of Nitrogen NO <sub>X</sub> (as NO2) g/kW-hr	0.38	≤4.7	IS:11255(Pt -7)
3	Sulphur Dioxide (as SO2) g/kW-hr	BDL	Not Specified	IS:11255(Pt -2)

BDL: Denotes Below Detection Limit, DL: Detection Limit=(DL:2mg/Nm3)

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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





\*\*End Of Report\*\*

Lacuel Cuer Keemar (Authorized Signatory)

Quality Manager Environ Tech Laboratories



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNJAB

Customer Reference No.	NA	Report No.	ETL/04072024/1524
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Stack Emission	ULR No.	NA
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1524
Sampling Location	D.G. Set (160 KVA)	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024
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Discipline: Chemical Group: Atmospheric Pollution

	TECHNICAL DATA			
Instrument Used for Sampling	Stack Monitoring Instrument			
Source of Emission	Stack Attached to D.G. Set (160 KVA)			
Engine S. No	84913143	Model Name.	Cummins	
Mfg. Year	13.01.2020	Type of Fuel Used	HSD	
Diameter of Stack	4 inch	Fuel used Qty. (Per Hour)	12-15 lit/hr	
Stack Height from Ground Level	25 feet	Type of Stack	Circular & Metal	
Ambient Temperature (°C)	29	Flow rate (LPM)	27	
Stack Temperature (°C)	109	Sampling Time (min)	37	
Velocity of Flue Gases (m/s)	8.16	Control Measures (if any)		
Sampling Point	Sampling done from port hole of stack	Volumetric Flow Rate (Nm3/Hr)	187	

Sr.No.	PARAMETERS	RESULTS	Limits (As per CPCB)	TEST METHOD
1.	Carbon Monoxide, (as CO) g/kW-hr	0.35	≤3.5	IS:13270
2	Total Hydrocarbon (as HC) g/kW-hr	0.15	**	Lab SOP

<sup>\*\*</sup> Standard Limit Of (NOX+HC)= ≤4.7

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

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Environ Tech Laboratories

Page 1 of 1

\*\*End of Report\*\*



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P







To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, **PUNJAB** 

Customer Reference No.	NA	Report No.	ETL/04072024/1525
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Stack Emission	ULR No.	TC587924000002609F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1525
Sampling Location	D.G. Set (50 KVA)	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Discipline: Chemical Group: Atmospheric Pollution

	TECHNICAL DATA			
Instrument Used for Sampling	Stack Monitoring Instrument	Value of the second		
Source of Emission	Stack Attached to D.G. Set (50 KVA)			
Engine S. No	3003/0800371	Model Name.	Cummins	
Mfg. Year	06/2008	Type of Fuel Used	HSD	
Diameter of Stack	3 inch	Fuel used Qty. (Per Hour)	4-6 ltr/hr	
Stack Height from Ground Level	15 feet	Type of Stack	Circular & Metal	
Ambient Temperature (°C)	29	Flow rate (LPM)	28	
Stack Temperature (°C)	97	Sampling Time (min)	36	
Velocity of Flue Gases (m/s)	8.03	Control Measures (if any)		
Sampling Point	Sampling done from port hole of stack	Volumetric Flow Rate (Nm3/Hr)	106	

Sr.No.	Parameters	Results	Limits (As per CPCB)	Test Method
1	Particulate Matter (as PM) g/kW-hr	0.08	≤0.3	IS:11255(Pt -1)
2	Oxides of Nitrogen NO <sub>X</sub> (as NO2) g/kW-hr	0.40	≤4.7	IS:11255(Pt -7)
3	Sulphur Dioxide (as SO2) g/kW-hr	BDL	Not Specified	IS:11255(Pt -2)

BDL: Denotes Below Detection Limit, DL: Detection Limit=(DL:2mg/Nm3)

1. The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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





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CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR,

PUNJAD			
Customer Reference No.	NA	Report No.	ETL/04072024/1525
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Stack Emission	ULR No.	NA
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1525
Sampling Location	D.G. Set (50 KVA)	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Group: Atmospheric Pollution Discipline: Chemical

	TECHNICAL DATA		
Instrument Used for Sampling	Stack Monitoring Instrument		
Source of Emission	Stack Attached to D.G. Set (50 KVA)		
Engine S. No	3003/0800371	Model Name.	Cummins
Mfg. Year	06/2008	Type of Fuel Used	HSD
Diameter of Stack	3 inch	Fuel used Qty. (Per Hour)	4-6 ltr/hr
Stack Height from Ground Level	15 feet	Type of Stack	Circular & Metal
Ambient Temperature (°C)	29	Flow rate (LPM)	28
Stack Temperature (°C)	97	Sampling Time (min)	36
Velocity of Flue Gases (m/s)	8.03	Control Measures (if any)	**
Sampling Point	Sampling done from port hole of stack	Volumetric Flow Rate (Nm3/Hr)	106

Sr.No.	PARAMETERS	RESULTS	Limits (As per CPCB)	TEST METHOD
1.	Carbon Monoxide, (as CO) g/kW-hr	0.38	≤3.5	IS:13270
2	Total Hydrocarbon (as HC) g/kW-hr	0.14	**	Lab SOP

<sup>\*\*</sup> Standard Limit Of (NOX+HC)= ≤4.7

The test report refers only to tested sample and applicable parameters.
 This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
 The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



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Discipline: Chemical

### **Environ Tech Laboratories**

CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR,

Customer Reference No.	NA	Report No.	ETL/04072024/1526
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Stack Emission	ULR No.	TC587924000002610F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1526
Sampling Location	D.G. Set (160 KVA)	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

	TECHNICAL DATA		
Instrument Used for Sampling	Stack Monitoring Instrument	49.13	
Source of Emission	Stack Attached to D.G. Set (160 KVA)		
Engine S. No	84473539	Model Name.	Cummins
Mfg. Year	13.07.2018	Type of Fuel Used	HSD
Diameter of Stack	4 inch	Fuel used Qty. (Per Hour)	15-20 ltr/hr
Stack Height from Ground Level	25 feet	Type of Stack	Circular & Metal
Ambient Temperature (°C)	34	Flow rate (LPM)	27
Stack Temperature (°C)	107	Sampling Time (min)	37
Velocity of Flue Gases (m/s)	7.96	Control Measures (if any)	
Sampling Point	Sampling done from port hole of stack	Volumetric Flow Rate (Nm3/Hr)	184

Sr.No.	Parameters	Results	Limits (As per CPCB)	Test Method
1	Particulate Matter (as PM) g/kW-hr	0.10	≤0.2	IS:11255(Pt -1)
2	Oxides of Nitrogen NO <sub>X</sub> (as NO2) g/kW-hr	0.41	≤4.0	IS:11255(Pt -7)
3	Sulphur Dioxide (as SO2) g/kW-hr	BDL	Not Specified	IS:11255(Pt -2)

BDL: Denotes Below Detection Limit, DL: Detection Limit=(DL:2mg/Nm3)

1. The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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



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Group: Atmospheric Pollution

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CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018



Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

#### TEST REPORT

To
M/s KUANTUM PAPERS LTD, SAILA KHURD
TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR,
PUNIAR

LUMAN			
Customer Reference No.	NA	Report No.	ETL/04072024/1526
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Stack Emission	ULR No.	NA
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1526
Sampling Location	D.G. Set (160KVA)	Date of Sampling	27.06.2024
Sample Collected By	Mr. K.K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024 - 04.07.2024

Discipline: Chemical	Group: Atmospheric Pollution
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-	TECHNICAL DATA				
Instrument Used for Sampling	Stack Monitoring Instrument	Stack Monitoring Instrument			
Source of Emission	Stack Attached to D.G. Set (160 KVA)	Stack Attached to D.G. Set (160 KVA)			
Engine S. No	84473539	Model Name.	Cummins		
Mfg. Year	13.07.2018	Type of Fuel Used	HSD		
Diameter of Stack	4 inch	Fuel used Qty. (Per Hour)	15-20 ltr/hr		
Stack Height from Ground Level	25 feet	Type of Stack	Circular & Metal		
Ambient Temperature (°C)	34	Flow rate (LPM)	27		
Stack Temperature (°C)	107	Sampling Time (min)	37		
Velocity of Flue Gases (m/s)	7.96	Control Measures (if any)			
Sampling Point	Sampling done from port hole of stack	Volumetric Flow Rate (Nm3/Hr)	184		

Sr.No.	PARAMETERS	RESULTS	Limits (As per CPCB)	TEST METHOD
1.	Carbon Monoxide, (as CO) g/kW-hr	0.40	≤3.5	IS:13270
2	Total Hydrocarbon (as HC) g/kW-hr	0.16	**	Lab SOP

<sup>\*\*</sup> Standard Limit Of (NOX+HC)= <4.0

Note:

The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

(Authorized Signatory)

Environ Tech Laboratories





Discipline: Chemical

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CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P



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#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, **PUNJAB** 



Customer Reference No.	NA	Report No.	ETL/04072024/1530
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Workzone Air	ULR NO.	TC587924000002611F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1530
Sampling Location	Board Mill in ETP	Date of Sampling	27.06.2024
Sample Collected By	Mr.K. K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024- 04.07.2024

TECHNICAL DATA				
ı	Location of Sampling Station	Board Mill in ETP		
2	Instrument Used for Sampling	Handy Sampler		
;	Source of Sampling	Work Zone Air		
	Flow Rate of Sampling	1 LPM		
5	Time Period for Sampling	480 Minutes		

Sr.No.	PARAMETERS	RESULTS	LIMITS (mg/m3)	TEST METHOD
1.	Respirable Suspended Particulate Matter(RSPM), mg/m³	1.5	OSHA 5.0	ETL/WZ/2022/SOP No.15
2.	Sulphur dioxide (SO <sub>2</sub> ), mg/m <sup>3</sup>	0.012	As per Factory act 1948 Schedule II 5.0	ETL/WZ/2022/SOP No.16
3.	Nitrogen dioxide (NO <sub>2</sub> ), mg/m <sup>3</sup>	0.022	As per Factory act 1948 Schedule II 6.0	ETL/WZ/2022/SOP No.17
4.	Carbon Monoxide (CO) mg/m <sup>3</sup>	0.60	As per Factory act 1948 Schedule II 40.0	ETL/WZ/2022/SOP No.18

Note:

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

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Group: Atmospheric Pollution

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\*\* End of Report \*\*



CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

TEST REPORT

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P.





To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, **PUNJAB** 

Customer Reference No.	NA	Report No.	ETL/04072024/1531
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Workzone Air	ULR NO.	Control of the Contro
Sample Condition	Satisfactory	Sample Reg No.	TC587924000002612F
Sampling Location	Coal Screening & Feeding	Date of Sampling	ETL/A/29062024/1531 27.06.2024
Sample Collected By	Point (Boiler No 4 & 5)		
Sampling Procedure	Mr.K. K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024- 04.07.2024

Discipline: Chemical	Group: Atmospheric Pollution

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Coal Screening & Fooding Daint (Dail and A of a
Coal Screening & Feeding Point (Boiler No 4 & 5) Handy Sampler
Work Zone Air
1 LPM
480 Minutes

Sr.No.	PARAMETERS	RESULTS	LIMITS (mg/m3)	TEST METHOD
1.	Respirable Suspended Particulate Matter(RSPM), mg/m³	1.3	OSHA 5.0	ETL/WZ/2022/SOP No.15
2.	Sulphur dioxide (SO <sub>2</sub> ), mg/m <sup>3</sup>	0.016	As per Factory act 1948 Schedule II 5.0	ETL/WZ/2022/SOP No.16
3.	Nitrogen dioxide (NO <sub>2</sub> ), mg/m <sup>3</sup>	0.025	As per Factory act 1948 Schedule II 6.0	ETL/WZ/2022/SOP No.17
4.	Carbon Monoxide (CO) mg/m <sup>3</sup>	0.75	As per Factory act 1948 Schedule II 40.0	ETL/WZ/2022/SOP No.18

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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



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CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P





#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, **PUNJAB** 



Customer Reference No.	NA	Report No.	ETL/04072024/1532
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Workzone Air	ULR NO.	TC587924000002613F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1532
Sampling Location	PulpMill -Near Wood Chips Feeding Point	Date of Sampling	27.06.2024
Sample Collected By	Mr.K. K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024- 04.07.2024

Discipline: Chemical Group: Atmospheric Pollution	n
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	TEC	CHNICAL DATA
	Location of Sampling Station	PulpMill -Near Wood Chips Feeding Point
2	Instrument Used for Sampling	Handy Sampler
3	Source of Sampling	Work Zone Air
	Flow Rate of Sampling	1 LPM
5	Time Period for Sampling	480 Minutes

Sr.No.	PARAMETERS	RESULTS	LIMITS (mg/m3)	TEST METHOD
1.	Respirable Suspended Particulate Matter(RSPM), mg/m³	1.0	OSHA 5.0	ETL/WZ/2022/SOP No.15
2.	Sulphur dioxide (SO <sub>2</sub> ), mg/m <sup>3</sup>	0.013	As per Factory act 1948 Schedule II 5.0	ETL/WZ/2022/SOP No.16
3.	Nitrogen dioxide (NO <sub>2</sub> ), mg/m <sup>3</sup>	0.022	As per Factory act 1948 Schedule II 6.0	ETL/WZ/2022/SOP No.17
4.	Carbon Monoxide (CO) mg/m <sup>3</sup>	0.55	As per Factory act 1948 Schedule II 40.0	ETL/WZ/2022/SOP No.18

Note:

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

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Quality Manager Environ Tech Laboratories Page 1 of 1





CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P



#### TEST REPORT

To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR,



PUNJAB	Laws	Report No.	ETL/04072024/1533
Customer Reference No.	NA		
Sample Code given by Customer	NA	Report Date	04.07.2024
	Workzone Air	ULR NO.	TC587924000002614F
Type of sample	Satisfactory	Sample Reg No.	ETL/A/29062024/1533
Sample Condition		Date of Sampling	27.06.2024
Sampling Location	Pulp Mill – Near WheatStrawFeeding Point	Date of Sampling	
C 1 C-H	Mr.K. K. Mishra & Team	Date of sample receipt	29.06.2024
Sample Collected By		Date of Test Performance	29.06.2024- 04.07.2024
Sampling Procedure	As per lab SOP	Date of rest refrontments	

	A COLUMN	Group:	Atmospheric Pollution
Discipline: Chemical			

	TEG	CHNICAL DATA
	Location of Sampling Station	Pulp Mill - Near WheatStrawFeeding Point
		Handy Sampler
2	Instrument Used for Sampling	
	Source of Sampling	Work Zone Air
	Flow Rate of Sampling	1 LPM
5	Time Period for Sampling	480 Minutes

Sr.No.	PARAMETERS	RESULTS	LIMITS (mg/m3)	TEST METHOD
1.	Respirable Suspended Particulate Matter(RSPM), mg/m³	1.8	OSHA 5.0	ETL/WZ/2022/SOP No.15
2.	Sulphur dioxide (SO <sub>2</sub> ), mg/m <sup>3</sup>	0.014	As per Factory act 1948 Schedule II 5.0	ETL/WZ/2022/SOP No.16
3.	Nitrogen dioxide (NO <sub>2</sub> ), mg/m <sup>3</sup>	0.021	As per Factory act 1948 Schedule II 6.0	ETL/WZ/2022/SOP No.17
4.	Carbon Monoxide (CO) mg/m <sup>3</sup>	0.57	As per Factory act 1948 Schedule II 40.0	ETL/WZ/2022/SOP No.18

Note

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

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

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Page 1 of 1

\*\* End of Report \*\*



Discipline: Chemical

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CPCB Recognized under EPA, 1986; ISO 9001:2015; OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV,







To M/s KUANTUM PAPERS LTD, SAILA KHURD TEHSIL- GARHSHANKAR, DISTRICT-HOSHIARPUR, PUNIAR

Customer Reference No.	NA	Report No.	ETL/04072024/1534
Sample Code given by Customer	NA	Report Date	04.07.2024
Type of sample	Workzone Air	ULR NO.	TC587924000002615F
Sample Condition	Satisfactory	Sample Reg No.	ETL/A/29062024/1534
Sampling Location	Paper MachineNo 4	Date of Sampling	27.06.2024
Sample Collected By	Mr.K. K. Mishra & Team	Date of sample receipt	29.06.2024
Sampling Procedure	As per lab SOP	Date of Test Performance	29.06.2024- 04.07.2024

TECHNICAL DATA			
1	Location of Sampling Station	Paper MachineNo 4	
2	Instrument Used for Sampling	Handy Sampler	
3	Source of Sampling	Work Zone Air	
4	Flow Rate of Sampling	1 LPM	
5	Time Period for Sampling	480 Minutes	

Sr.No.	PARAMETERS	RESULTS	LIMITS (mg/m3)	TEST METHOD
1.	Respirable Suspended Particulate Matter(RSPM), mg/m³	0.61	OSHA 5.0	ETL/WZ/2022/SOP No.15
2.	Sulphur dioxide (SO <sub>2</sub> ), mg/m <sup>3</sup>	0.011	As per Factory act 1948 Schedule II 5.0	ETL/WZ/2022/SOP No.16
3.	Nitrogen dioxide (NO <sub>2</sub> ), mg/m <sup>3</sup>	0.026	As per Factory act 1948 Schedule II 6.0	ETL/WZ/2022/SOP No.17
4,	Carbon Monoxide (CO) mg/m <sup>3</sup>	0.60	As per Factory act 1948 Schedule II 40.0	ETL/WZ/2022/SOP No.18

Note:

The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor ean-it be used in part or full in any media without prior permission. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

(Authorized Signatory)

Group: Atmospheric Pollution

Quanty Manager Environ Tech Laboratories Page 1 of 1

