

Sample Number : VTL/AA/01
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/A/2306220011/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-
Sampling Location : Tiranga House (Pellet Plant)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°18'57" & 74°32'18"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/06/2023 To 17/06/2023
Time of Monitoring : 11:49 TO 11:49 Hrs.
Ambient Temperature (°C) : Min. 30°C Max. 40°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	74.66	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	37.59	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	21.35	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	12.54	µg/m ³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	BDL(<1.0)	µg/m ³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis, 3rd ed., 1988, Method No. 401	13.69	µg/m ³	400
7	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	15.74	µg/m ³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	BDL(<0.02)	µg/m ³	1
9	Arsenic (as As)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.302	BDL(<0.15)	ng/m ³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	BDL(<5.0)	ng/m ³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	BDL(<0.2)	ng/m ³	1

*BDL-Below Detection Limit

End of Report



J. Pharsing
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/01
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/A/2306220011/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-
Sampling Location : Tiranga House (Pellet Plant)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°18'57" & 74°32'18"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/06/2023 To 17/06/2023
Time of Monitoring : 11:49 TO 11:49 Hrs.
Ambient Temperature (°C) : Min. 30°C Max. 40°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.59	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	325.0	µg/m ³	--

*BDL-Below Detection Limit

End of Report

VIBRANT
"Experience the unimaginable"



Sharma
Checked by



RK Yadav
Lab Incharge
Authorized Signatory

Sample Number : VTL/AA/02
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/A/2306220012/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-
Sampling Location : Switch Yard Station (Pellet Plant)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°19'27" & 74°32'37"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/06/2023 To 17/06/2023
Time of Monitoring : 12:25 TO 12:25 Hrs.
Ambient Temperature (°C) : Min. 30°C Max. 40°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	81.46	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	45.41	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	25.81	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	16.61	µg/m ³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	BDL(<1.0)	µg/m ³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	17.15	µg/m ³	400
7	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	18.30	µg/m ³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	BDL(<0.02)	µg/m ³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	BDL(<0.15)	ng/m ³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	BDL(<5.0)	ng/m ³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	BDL(<0.2)	ng/m ³	1

*BDL-Below Detection Limit

End of Report



Sharma
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/02
 Name & Address of the Party : M/s Jindal Saw Limited
 Iron Ore Pellet Plant, Khasara No.- 9697/6711,
 Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/A/2306220012/B
 Format No : 7.8 F-02
 Party Reference No : NIL
 Report Date : 28/06/2023
 Period of Analysis : 22/06/2023-28/06/2023
 Receipt Date : 22/06/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-
 Sampling Location : Switch Yard Station (Pellet Plant)
 Sample Collected By : VTL Team
 Sampling Equipment used : RDS/FPS
 Instrument Code : VTL/RDS/FPS/02
 Coordinates : 25°19'27" & 74°32'37"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 16/06/2023 To 17/06/2023
 Time of Monitoring : 12:25 TO 12:25 Hrs.
 Ambient Temperature (°C) : Min. 30°C Max. 40°C
 Surrounding Activity : Human, Vehicular & Other Act.
 Scope of Monitoring : Regulatory Requirement
 Method of Sampling : IS :5182
 Sampling Duration : 24 Hrs.
 Parameter Required : As per work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.61	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	350.0	µg/m ³	--

*BDL-Below Detection Limit

End of Report

VIBRANT
"Experience the unimaginable"



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory *[Signature]*

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/03
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/A/2306220013/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Nr. Staff Canteen front of CCR Building (Pellet Plant)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : 25°19'0" & 74°32'29"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/06/2023 To 17/06/2023
Time of Monitoring : 11:14 TO 11:14 Hrs.
Ambient Temperature (°C) : Min. 30°C Max. 40°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	72.41	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	36.99	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	19.33	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	8.96	µg/m ³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	BDL(<1.0)	µg/m ³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	14.88	µg/m ³	400
7	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	16.41	µg/m ³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	BDL(<0.02)	µg/m ³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	BDL(<0.15)	ng/m ³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	BDL(<5.0)	ng/m ³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	BDL(<0.2)	ng/m ³	1

*BDL-Below Detection Limit

End of Report



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/03
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/A/2306220013/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Nr. Staff Canteen front of CCR Building (Pellet Plant)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : 25°19'0" & 74°32'29"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/06/2023 To 17/06/2023
Time of Monitoring : 11:14 TO 11:14 Hrs.
Ambient Temperature (°C) : Min. 30°C Max. 40°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.49	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	310.0	µg/m ³	--

*BDL-Below Detection Limit

End of Report

VIBRANT
"Experience the unimaginable"




Checked by



RK Yadav
Lab Incharge
Authorized Signatory 

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/04
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/A/2306220014/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-
Sampling Location : Mineral Beneficiation Plant (Pellet Plant)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/04
Coordinates : 25°19'10" & 74°32'21"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/06/2023 To 17/06/2023
Time of Monitoring : 12:02 TO 12:02 Hrs.
Ambient Temperature (°C) : Min. 30°C Max. 40°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	78.11	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	33.99	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	16.88	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.54	µg/m ³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	BDL(<1.0)	µg/m ³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	16.35	µg/m ³	400
7	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	17.69	µg/m ³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	BDL(<0.02)	µg/m ³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	BDL(<0.15)	ng/m ³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	BDL(<5.0)	ng/m ³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	BDL(<0.2)	ng/m ³	1

*BDL-Below Detection Limit

End of Report



Praveen
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



VIBRANT

"Experience the unimaginable"

TEST REPORT

Sample Number : VTL/AA/04
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/A/2306220014/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-
Sampling Location : Mineral Beneficiation Plant (Pellet Plant)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/04
Coordinates : 25°19'10" & 74°32'21"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/06/2023 To 17/06/2023
Time of Monitoring : 12:02 TO 12:02 Hrs.
Ambient Temperature (°C) : Min. 30°C Max. 40°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.51	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	345.0	µg/m ³	--

*BDL-Below Detection Limit

End of Report



Sharma
Checked by



RK Yadav
Lab Incharge
Authorized Signatory

Sample Number : VTL/FD/01

M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Name & Address of the Party :

Report No. : VTL/FD/2306220006/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

- Sampling Location : Bentonite Grinding Area (Balling Disc Building (Pellet Plant)
- Sample Collected By : VTL Team
- Sampling Equipment used : RDS
- Instrument Code : VTL/RDS/05
- Coordinates : 25°19'2" & 74°32'23"
- Meteorological condition during monitoring : Clear Sky
- Date of Monitoring : 17/06/2023
- Time of Monitoring : 08:46 TO 16:46 Hrs.
- Ambient Temperature (°C) : Min. 30°C Max. 38°C
- Surrounding Activity : Human, Vehicular & Other Act.
- Method of Sampling : Lab STP: VTL/STP/02
- Sampling Duration : 24 Hrs.
- Parameter Required : As per work order

S.No.	Parameters	Test Methods	Results	Units
1	Suspended Particulate Matter (as SPM)	Lab SOP no. VTL/STP/02:2022 , STP-01	569.67	µg/m3

End of Report



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory *[Signature]*

Sample Number : VTL/FD/02

M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Name & Address of the Party :

Report No. : VTL/FD/2306220007/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Coal Pulverize Area(Nr.Nitrogen Plant (Pellet Plant)
Sample Collected By : VTL Team
Sampling Equipment used : RDS
Instrument Code : VTL/RDS/06
Coordinates : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/06/2023
Time of Monitoring : 09:00 TO 17:17 Hrs.
Ambient Temperature (°C) : Min. 30°C Max. 38°C
Surrounding Activity : Human, Vehicular & Other Act.
Method of Sampling : Lab STP: VTL/STP/02
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Methods	Results	Units
1	Suspended Particulate Matter (as SPM)	Lab SOP no. VTL/STP/02:2022 , STP-01	521.86	µg/m3

End of Report



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory *[Signature]*

**VIBRANT**

"Experience the unimaginable"

TEST REPORT

TC-11227

Sample Number : VTL/W/01
Name & Address of the Party : M/s Jindal Saw Limited
 Iron Ore Pellet Plant, Khasara No.- 9697/6711,
 Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/W/2306220022/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023
Sampling Date : 18/06/2023
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : 25°18'59" & 74°32'18"

Sample Description : Water Sample
Sampling Location : Near Balling Disc (Pellet Plant)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.40	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10)1984, RA 2017	BDL(<1.0)	NTU	1	5
3	Total Hardness (as CaCO3)	IS: 3025 (P-21): 2009, RA 2019	530.00	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	184.4	mg/l	75	200
5	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 1986, RA 2019	451.30	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	349.40	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	17.01	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	1595.20	mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): 1986, RA 2022	182.50	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	1.22	mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	43.8	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.90	mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	BDL(<0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	BDL(<0.2)	mg/l	0.5	1.0
15	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	BDL(<0.02)	mg/l	0.05	No Relaxation
16	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	BDL(<0.001)	mg/l	0.001	0.002
17	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	BDL(<0.2)	mg/l	5.0	15.0



[Signature]
 Checked by



RK Yadav
 Lab Incharge
 Authorized Signatory



Page No. 1/2

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



VIBRANT

"Experience the unimaginable"

TEST REPORT



TC-11227

Sample Number : VTL/W/01

Report No. : VTLW/2306220022/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
18	Copper (as Cu)	APHA 23rd Edition 3111B 2017	BDL(<0.02)	mg/l	0.05	1.5
19	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	BDL(<0.05)	mg/l	0.1	0.3
20	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	BDL(<0.002)	mg/l	0.003	No Relaxation
21	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	BDL(<0.005)	mg/l	0.01	No Relaxation
22	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	BDL(<0.005)	mg/l	0.01	No Relaxation
23	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	BDL(<0.005)	mg/l	0.01	0.05
24	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	BDL(<0.001)	mg/l	0.001	No Relaxation
25	Total Coliform	IS : 15185 : 2016	Not Detected	per 100 ml	Shall not be detectable in any 100 ml sample	--
26	E.Coli	IS : 15185 : 2016	Not Detected	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	Free Residual Chlorine	IS 3025 (P-26):2021	BDL(<0.2)	mg/l	0.2	1.0
28	Calcium Hardness	IS: 3025 (P-40): 1991 RA 2019	460.08	mg/l	--	--

*BDL-Below Detection Limit

End of Report

"Experience the unimaginable"



Phanuj
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Page No. 2/2

Term & conditions PTO

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
9929108691, 9810205356, 8005707098, 9549956601

0141-2954638
bd@vibranttechnolab.com
www.vibranttechnolab.com



TEST REPORT

VIBRANT

"Experience the unimaginable"

Sample Number : VTL/W/01

Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/W/2306220022/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 28/06/2023

Period of Analysis : 22/06/2023-28/06/2023

Receipt Date : 22/06/2023

Sampling Date : 18/06/2023

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°18'59" & 74°32'18"

Sample Description : Water Sample
Sampling Location : Near Balling Disc (Pellet Plant)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025:(P-4)1983, :RA 2017	BDL(<5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition ,4500D,2017	BDL(<5.0)	mg/l	0.05	No Relaxation
5	Mineral Oil	IS 3025 (P-39) 1989	BDL(<0.05)	mg/l	0.5	No Relaxation
6	Anionic Detergents (as MBAS)	APHA 23rd Edition , 5540C 2017	BDL(<0.05)	mg/l	0.2	1.0
7	Polynuclear-aromatic Hydrocarbon (PAH)	APHA 23rd Edition,5175/6630 2017	BDL(<0.01)	mg/l	0.0001	No relaxation
8	Total Pesticides	APHA 23rd Edition-6630, 8141A 2017	BDL(<0.01) BDL(<0.01)	µg/L	-	-

*BDL-Below Detection Limit

End of Report




Checked by



RK Yadav
Lab Incharge
Authorized Signatory 

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



VIBRANT
"Experience the unimaginable"

TEST REPORT



TC-11227

Sample Number : VTL/W/02
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTLW/2306220023/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023
Sampling Date : 18/06/2023
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : 25°19'9" & 74°32'26"

Sample Description : Water Sample
Sampling Location : Coal Yard Area (Pellet Plant)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	6.95	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10)1984, RA 2017	BDL(<1.0)	NTU	1	5
3	Total Hardness (as CaCO3)	IS: 3025 (P-21): 2009, RA 2019	470.00	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	162.30	mg/l	75	200
5	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 1986, RA 2019	437.01	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	349.40	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	15.80	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	1485.20	mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): 1986, RA 2022	167.0	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	1.31	mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	43.0	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.85	mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	BDL(<0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	BDL(<0.2)	mg/l	0.5	1.0
15	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	BDL(<0.02)	mg/l	0.05	No Relaxation
16	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	BDL(<0.001)	mg/l	0.001	0.002
17	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.94	mg/l	5.0	15.0



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Page No. 1/2

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



VIBRANT
"Experience the unimaginable"

TEST REPORT



Sample Number : VTLW/02

Report No. : VTLW/2306220023/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
18	Copper (as Cu)	APHA 23rd Edition 3111B 2017	BDL(<0.02)	mg/l	0.05	1.5
19	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	BDL(<0.05)	mg/l	0.1	0.3
20	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	BDL(<0.002)	mg/l	0.003	No Relaxation
21	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	BDL(<0.005)	mg/l	0.01	No Relaxation
22	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	BDL(<0.005)	mg/l	0.01	No Relaxation
23	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	BDL(<0.005)	mg/l	0.01	0.05
24	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	BDL(<0.001)	mg/l	0.001	No Relaxation
25	Total Coliform	IS : 15185 : 2016	Not Detected	per 100 ml	Shall not be detectable in any 100 ml sample	--
26	E.Coli	IS : 15185 : 2016	Not Detected	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	Free Residual Chlorine	IS 3025 (P-26):2021	BDL(<0.2)	mg/l	0.2	1.0
28	Calcium Hardness	IS: 3025 (P-40): 1991 RA 2019	404.94	mg/l	--	--

*BDL-Below Detection Limit

End of Report

"Experience the unimaginable"



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Page No. 2/2

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



TEST REPORT

VIBRANT

"Experience the unimaginable"

Sample Number : VTLW/02

Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTLW/2306220023/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 28/06/2023

Period of Analysis : 22/06/2023-28/06/2023

Receipt Date : 22/06/2023

Sampling Date : 18/06/2023

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°19'9" & 74°32'26"

Sample Description : Water Sample
Sampling Location : Coal Yard Area (Pellet Plant)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025:(P-4)1983, :RA 2017	BDL(<5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition ,4500D,2017	BDL(<5.0)	mg/l	0.05	No Relaxation
5	Mineral Oil	IS 3025 (P-39) 1989	BDL(<0.05)	mg/l	0.5	No Relaxation
6	Anionic Detergents (as MBAS)	APHA 23rd Edition , 5540C 2017	BDL(<0.05)	mg/l	0.2	1.0
7	Polynuclear-aromatic Hydrocarbon (PAH)	APHA 23rd Edition,5175/6630 2017	BDL(<0.01)	mg/l	0.0001	No relaxation
8	Total Pesticides	APHA 23rd Edition-6630, 8141A 2017	BDL(<0.01)	µg/L	-	-

*BDL-Below Detection Limit

End of Report



[Signature]

Checked by



RK Yadav
Lab Incharge
Authorized Signatory

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTLW/03
 Name & Address of the Party : M/s Jindal Saw Limited
 Iron Ore Pellet Plant, Khasara No.- 9697/6711,
 Village- Pur, Tehsil & District - Bhilwara Rajasthan

Sample Description : SURFACE WATER
 Sampling Location : Pur Pond (Pellet Plant)
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

Report No. : VTLW/2306220024/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 28/06/2023
 Period of Analysis : 22/06/2023-28/06/2023
 Receipt Date : 22/06/2023
 Sampling Date : 18/06/2023
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units
1	pH value	IS : 3025 (P-11) : 2022	7.92	--
2	Turbidity	IS : 3025 (P- 10) : 1984, RA 2017	4.00	NTU
3	Total Dissolved Solids (TDS)	IS : 3025 (P-16) : 1984, RA 2017	835.20	mg/l
4	Chloride (as Cl)	IS: 3025 (P-32) : 1988, RA 2019	217.8	mg/l
5	Sulphate as (SO4)	IS: 3025 (P- 24) : 1986, Sec.RA 2022	98.4	mg/l
6	Total Suspended Solids (TSS)	IS: 3025 (P-17) : 2022	*BDL(<5.0)	mg/l
7	Total Hardness (CaCO3)	IS: 3025 (P- 21) : 2009, RA 2019	335.0	mg/l
8	Calcium (as Ca)	IS : 3025 (P-40) : 1991 RA 2019	112.2	mg/l
9	Magnesium (as Mg)	IS : 3025 (P- 46) : 1994, RA 2019	13.37	mg/l
10	Fluoride (as F)	APHA 23rd Edition, 4500D, 2017	1.10	mg/l
11	Nitrate (as NO3)	IS: 3025 (P- 34) : 1988 RA 2022	22.6	mg/l
12	Total Coliform	IS 15185; 2016	Present	MPN
13	Total Alkalinity (CaCO3)	IS: 3025 (P-23) :1986, RA 2019	*BDL(<2.0)	mg/l
14	Iron (as Fe)	APHA 23rd Edition, 3111B, 2017	0.69	mg/l
15	Zinc (as Zn)	APHA 23rd Edition, 3030D, 3113B, 2017	0.83	mg/l
16	Copper (as Cu)	APHA 23rd edition, 3111B, 2017	*BDL(<0.02)	mg/l
17	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3113B, 2017	*BDL(<0.05)	mg/l
18	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113B, 2017	*BDL(<0.005)	mg/l
19	Arsenic (as As)	APHA 23rd Edition, 3030D, 3114C, 2017	*BDL(<0.005)	mg/l
20	E Coli	IS :15185 : 2016	Present	P-A/100 ML
21	Boron (as B)	APHA 23rd Edition, 4500D, 2017	*BDL(<0.2)	mg/l
22	Chromium (as Cr)	APHA 23rd Edition, 3113B, 2017	*BDL(<0.02)	mg/l



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Sample Number : VTLW/03

Report No. : VTLW/2306220024/A

S.No.	Test Parameters	Test Method	Results	Units
23	Cadmium (as Cd)	APHA 23rd Edition,3113B ,2017	*BDL(<0.002)	mg/l
24	Selenium (as Se)	APHA 23rd Edition,3114C, 2017	*BDL(<0.005)	mg/l
25	Mercury (as Hg)	APHA 23rd Edition,3114C, 2017	*BDL(<0.001)	mg/l
26	Phenolic Compounds	APHA 23rd Edition,5530C, 2017	*BDL(<0.05)	mg/l
27	Nickel (as Ni)	APHA 23rd Edition ,3030D, 3113B, 2017	*BDL(<0.01)	mg/l

*BDL-Below Detection Limit

End of Report



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Sample Number : VTL/W/03
 Name & Address of the Party : M/s Jindal Saw Limited
 Iron Ore Pellet Plant, Khasara No.- 9697/6711,
 Village- Pur, Tehsil & District - Bhilwara Rajasthan
 Sample Description : SURFACE WATER
 Sampling Location : Pur Pond (Pellet Plant)
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

Report No. : VTLW/2306220024/B
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 28/06/2023
 Period of Analysis : 22/06/2023-28/06/2023
 Receipt Date : 22/06/2023
 Sampling Date : 18/06/2023
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units
1	Colour	IS : 3025 (P-4) : 2021	*BDL(<5.0)	CU
2	Odour	IS : 3025 (P-5) : 2018	Agreeable	--
3	Taste	IS : 3025 (P-8) : 1984 RA 2017	Agreeable	--
4	Phosphorus (P)	IS : 3025 (P-31) :1988, RA 2022	1.74	mg/l
5	Potassium (as K)	APHA 23rd Edition, 3030D,3113B, 2017	23.38	mg/l
6	Residual Free Chlorine (RFC)	IS : 3025 (P-26) :2021	*BDL(<0.2)	mg/l
7	Cyanide (as CN)	APHA 23rd Edition, 4500D, 2017	*BDL(<5.0)	mg/l
8	Aluminium (as Al)	IS : 3025 : (P-55) 2003, RA 2019	*BDL(<0.03)	mg/l
9	Total Pesticides	APHA 23rd Edition ,3111B, 2017	*BDL(<0.01)	mg/l
10	Calcium Hardness (as CaCO3)	IS: 3025 (P-40) : 1991 RA 2019	279.94	mg/l
11	Anionic Detergents (MBAS)	APHA 23rd ed., 2017, 5530C	*BDL(<0.02)	mg/l

*BDL-Below Detection Limit

End of Report



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory *[Signature]*

**VIBRANT**

"Experience the unimaginable"

TEST REPORT

TC-11227

Sample Number : VTL/S/02
Name & Address of the Party : M/s Jindal Saw Limited
 Iron Ore Pellet Plant, Khasara No.- 9697/6711,
 Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/S/2306290003/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 05/07/2023
Period of Analysis : 29/06/2023-05/07/2023
Receipt Date : 29/06/2023

Sample Description : Stack Emission Monitoring**General Information:-**

Sampling Location : DG Set 563 KVA
Sample Collected By : VTL Team
Date of Sampling : 27/06/2023
Sampling duration (Minutes) : 30 min. (12:00 to 12:30 hrs.)
Stack attached to : DG Set
Make of stack : SS
Diameter of stack(m) : 150 MM
Height of stack(m) : 3.0 M
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 41°C
Temperature of Stack Gases - Ts (°C) : 105°C
Velocity of Stack Gases (m/sec.) : 21.89
Flow rate of PM (LPM) : 33
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : 25°19'3" & 74°32'28"

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.12	gm/kw-hr	<0.2
2	Oxide of Nitrogen (NOX)	IS 11255 (P- 7) 2005; RA 2017	1.21	gm/kw-hr	<4.0**
3	Total Hydrocarbon (HC)	USEPA 18: 1996	0.28	gm/kw-hr	**
4	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985, RA 2019	0.35	gm/kw-hr	Not Specified
5	Carbon Monoxide (CO)	USEPA 10: 1996	0.30	gm/kw-hr	<3.5

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report



Ashwini
 Checked by



RK Yadav
 Lab Incharge
 Authorized Signatory



Page No. 1/1

Term & conditions PTO

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/S/03
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/S/2306290004/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 05/07/2023
Period of Analysis : 29/06/2023-05/07/2023
Receipt Date : 29/06/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : DG Set 750 KVA
Sample Collected By : VTL Team
Date of Sampling : 27/06/2023
Sampling duration (Minutes) : 59 min. (10:00 to 10:59 hrs.)
Stack attached to : DG Set
Make of stack : SS
Diameter of stack(m) : 250 MM
Height of stack(m) : 6.0 M
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 38°C
Temperature of Stack Gases - Ts (°C) : 115°C
Velocity of Stack Gases (m/sec.) : 5.19
Flow rate of PM (LPM) : 17
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : 25°19'3" & 74°32'28"

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.12	gm/kw-hr	<0.2
2	Oxide of Nitrogen (NOX)	IS 11255 (P- 7) 2005; RA 2017	1.10	gm/kw-hr	<4.0**
3	Total Hydrocarbon (HC)	USEPA 18: 1996	0.29	gm/kw-hr	**
4	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985, RA 2019	0.18	gm/kw-hr	Not Specified
5	Carbon Monoxide (CO)	USEPA 10: 1996	0.13	gm/kw-hr	<3.5

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Sample Number : VTL/S/04
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/S/2306290005/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 05/07/2023
Period of Analysis : 29/06/2023-05/07/2023
Receipt Date : 29/06/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Rotary Kiln
Sample Collected By : VTL Team
Date of Sampling : 28/06/2023
Sampling duration (Minutes) : 38 min. (11:00 to 11:38 hrs.)
Stack attached to : Kiln
Make of stack : Concrete
Diameter of stack(m) : 0.872 M
Height of stack(m) : 120 M
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 39°C
Temperature of Stack Gases - Ts (°C) : 143°C
Velocity of Stack Gases (m/sec.) : 19.0
Flow rate of PM (LPM) : 26
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : 25°19'6" & 74°32'25"

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	29.21	mg/Nm ³
2	Sulphur Dioxide (SO ₂)	IS: 11255(P- 2): 1985, RA.2019	80.71	mg/Nm ³
3	Carbon Monoxide (CO)	USEPA 10: 1996	8.41	mg/Nm ³
4	Oxide of Nitrogen (NO ₂)	IS-11255 (P-7), RA 2017	276.91	mg/Nm ³

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Term & conditions P.T.O

Sample Number : VTL/S/05
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/S/2306290006/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 05/07/2023
Period of Analysis : 29/06/2023-05/07/2023
Receipt Date : 29/06/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Coal Grinding Mill
Sample Collected By : VTL Team
Date of Sampling : 27/06/2023
Sampling duration (Minutes) : 47 min. (10:00 to 10:47 hrs.)
Stack attached to : Coal Mill
Make of stack : SS
Diameter of stack(m) : 0.94 m
Height of stack(m) : 4.0 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 38°C
Temperature of Stack Gases - Ts (°C) : 69°C
Velocity of Stack Gases (m/sec.) : 51.12
Flow rate of PM (LPM) : 21
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : 25°19'7" & 74°32'28"

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	37.43	mg/Nm ³	30

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

VIBRANT
"Experience the unimaginable"




Checked by



PK Yadav
Lab Incharge
Authorized Signatory



Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/1

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/W/01
 Name & Address of the Party : M/s Jindal Saw Limited
 Iron Ore Pellet Plant, Khasara No.- 9697/6711,
 Village- Pur, Tehsil & District - Bhilwara Rajasthan
 Sample Description : Waste Water
 Sampling Location : 15 KLD STP Inlet (Pellet Plant)
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

Report No. : VTL/WW/2306220008/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 28/06/2023
 Period of Analysis : 22/06/2023-28/06/2023
 Receipt Date : 22/06/2023
 Sampling Date : 20/06/2023
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : 25°18'57" & 74°32'24"

S.No.	Test Parameters	Test Method	Result	Unit
1	pH	IS: 3025 (P-11): 2022	7.93	-
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	57.00	mg/l
3	Oil & Grease	IS:3025 (P-39): 2021	28.20	mg/l
4	Residual Chlorine	IS: 3025 (P-26): 2021	*BDL(<0.5)	mg/l
5	Ammonical Nitrogen (as NH ₃ -N)	IS: 3025 (P-34) : 1988, Sec.4 RA: 2022	5.05	mg/l
6	Total Kjeldahl Nitrogen (as NH ₃)	IS: 3025 (P-34): 1988, RA 2022 (Macro Kjeldahl Method)	2.93	mg/l
7	Nitrate Nitrogen (as NO ₃)	IS: 3025 (P-34): 1988, (Chromotropic Method) Sec.RA:2022	15.79	mg/l
8	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	52.50	mg/l
9	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	220.32	mg/l
10	Sulphide (as S)	IS: 3025 (P-29) :1986 Idometric, RA :2019	12.96	mg/l

*BDL-Below Detection Limit

End of Report

VIBRANT
"Experience the unimaginable"



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
 9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTLW/01
 Name & Address of the Party : M/s Jindal Saw Limited
 Iron Ore Pellet Plant, Khasara No.- 9697/6711,
 Village- Pur, Tehsil & District - Bhilwara Rajasthan

Sample Description : Waste Water
 Sampling Location : 15 KLD STP Inlet (Pellet Plant)
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

Report No. : VTLWWW/2306220008/B
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 28/06/2023
 Period of Analysis : 22/06/2023-28/06/2023
 Receipt Date : 22/06/2023
 Sampling Date : 20/06/2023
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : 25°18'57" & 74°32'24"

S.No.	Test Parameters	Test Method	Result	Unit
1	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA. 2019	231.0	mg/l

*BDL-Below Detection Limit

End of Report



[Signature]
Checked by



RK Yadav *[Signature]*
Lab Incharge
Authorized Signatory



VIBRANT
"Experience the unimaginable"

TEST REPORT



TC-11227

Sample Number : VTLWW/02

M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTLWW/2306220009/A

Format No : 7.8 F-01

Party Reference No : NIL

Name & Address of the Party :

Report Date : 28/06/2023

Sample Description : Waste Water

Period of Analysis : 22/06/2023-28/06/2023

Sampling Location : 15 KLD STP Outlet (Pellet Plant)

Receipt Date : 22/06/2023

Sample Collected By : VTL Team

Sampling Date : 20/06/2023

Coordinates : 25°18'58" & 74°32'24"

Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.23	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	5.40	mg/l	100
3	Oil & Grease	IS:3025 (P-39): 2021	*BDL(<4.0)	mg/l	10
4	Residual Chlorine	IS: 3025 (P-26): 2021	0.35	mg/l	1
5	Ammonical Nitrogen (as NH3-N)	IS: 3025 (P-34) : 1988, Sec.4 RA: 2022	1.60	mg/l	50
6	Total Kjeldahl Nitrogen (as NH3)	IS: 3025 (P-34): 1988, RA 2022 (Macro Kjeldahl Method)	5.05	mg/l	100
7	Nitrate Nitrogen (as NO3)	IS: 3025 (P-34): 1988, (Chromotropic Method) Sec.RA:2022	4.21	mg/l	--
8	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	8.40	mg/l	30
9	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	32.40	mg/l	250
10	Sulphide (as S)	IS: 3025 (P-29) :1986 Idometric, RA :2019	0.40	mg/l	2

*BDL-Below Detection Limit

End of Report



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Term & conditions PTO



TEST REPORT

VIBRANT

"Experience the unimaginable"

Sample Number : VTL/WW/02

M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Name & Address of the Party :

Sample Description : Waste Water
Sampling Location : 15 KLD STP Outlet (Pellet Plant)
Sample Collected By : VTL Team
Coordinates : 25°18'58" & 74°32'24"

Report No. : VTL/WW/2306220009/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 28/06/2023
Period of Analysis : 22/06/2023-28/06/2023
Receipt Date : 22/06/2023
Sampling Date : 20/06/2023
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA. 2019	121.6	mg/l	--

*BDL-Below Detection Limit

End of Report




Checked by



RK Yadav
Lab Incharge
Authorized Signatory 

Page No. 1/1

Term & conditions PTO

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AN/05
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/N/2306220017/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 28/06/2023
Receipt Date : 22/06/2023
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Nr. Balling (Pellet Plant)
Instrument Code : VTL/SLM/05
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/06/2023 To 19/06/2023
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 25°C Max. 33°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work order
Coordinates : --

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	54.1	44.7

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

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

- Day Time is from 6.00 AM to 10.00 PM.
 - Night Time is reckoned between 10.00 PM to 6.00 AM.
 - Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.
- Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Sample Number : VTL/AN/04
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/N/2306220016/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 28/06/2023
Receipt Date : 22/06/2023
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Nr. Proportioning (Pellet Plant)
Instrument Code : VTL/SLM/04
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/06/2023 To 19/06/2023
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 25°C Max. 33°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work order
Coordinates : --

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	53.6	44.1

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

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

1. Day Time is from 6.00 AM to 10.00 PM.
2. Night Time is reckoned between 10.00 PM to 6.00 AM.
3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.
Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report




Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AN/03
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/N/2306220015/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 28/06/2023
Receipt Date : 22/06/2023
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : DG Room (Pellet Plant)
Instrument Code : VTL/SLM/03
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/06/2023 To 19/06/2023
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 25°C Max. 33°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work order
Coordinates : 25°19'3" & 74°32'28"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	59.8	50.1

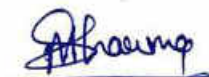
Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

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

1. Day Time is from 6.00 AM to 10.00 PM.
2. Night Time is reckoned between 10.00 PM to 6.00 AM.
3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.
Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report




Checked by



RK Yadav
Lab Incharge
Authorized Signatory





VIBRANT

"Experience the unimaginable"

TEST REPORT



Sample Number : VTL/AN/02
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/N/2306220014/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 28/06/2023
Receipt Date : 22/06/2023
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Cooler Area (Pellet Plant)
Instrument Code : VTL/SLM/02
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/06/2023 To 19/06/2023
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 25°C Max. 33°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work order
Coordinates : 25°19'8" & 74°32'28"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	60.7	52.1

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

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

- Day Time is from 6.00 AM to 10.00 PM.
 - Night Time is reckoned between 10.00 PM to 6.00 AM.
 - Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.
- Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



[Signature]
Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Sample Number : VTL/AN/01
Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/N/2306220013/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 28/06/2023
Receipt Date : 22/06/2023
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Nr. Nitrogen Plant (Pellet Plant)
Instrument Code : VTL/SLM/01
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/06/2023 To 19/06/2023
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 25°C Max. 33°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work order
Coordinates : 25°19'8" & 74°32'25"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	58.7	49.7

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

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

- Day Time is from 6.00 AM to 10.00 PM.
 - Night Time is reckoned between 10.00 PM to 6.00 AM.
 - Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.
- Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Sharma
Checked by



RK Yadav
Lab Incharge
Authorized Signatory

