



TEST REPORT(WATER AND WASTE WATER)

PRAKRUTI

ENVIRONMENTAL ENGINEERS

Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2087
Location:	PO: Moti Khavadi, Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Sample Description:	Treated Domestic Effluent	Analysed By:	Ripple Vaidya
Sampling Point:	STP Outlet (Factory)	Receipt Date:	15/09/2017
Sample Type:	Grab	Receipt Time:	20:30
Field Observation:	pH:6.4 Temperature: 29°C	Received By:	Hitesh Parmar
Sampling Method:	IS: 3025 (Part 1) - 1987 (Reaffirmed 2009)	Collection Date:	15/09/2017
Applicable Standard:	On Land for Plantation	Collection Time:	11:00
		Collected By:	Satyendra

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	pH	-	APHA 4500-H ⁺ B, Standard Methods 22nd Edition	6.42	--
2	Total Suspended Solids	mg/l	APHA 2540 D, Standard Methods 22nd Edition	24.00	30.00
3	Biochemical Oxygen Demand (3d at 27 °C as BOD)	mg/l	IS: 3025 (Part 44) – 1993	12.00	20.00
4	Chlorine (Residual as Cl ₂)	mg/l	APHA 4500-Cl G DPD Colorimetric KIT Method	0.70	> 0.50

Remarks:

1. BDL: Below Detactable Limit, DL: Detactable Limit

Checked By: G M Desai (Lab in-charge)

Authorised Signatory: Krishna Desai (Partner)

Note:

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2. The results refer only to the tested sample(s) and applicable parameter(s).
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TEST REPORT(WATER AND WASTE WATER)

Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2088
Location:	PO: Moti Khavadi, Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Sample Description:	Treated Domestic Effluent	Analysed By:	Ripple Vaidya
Sampling Point:	STP Outlet (Colony)	Receipt Date:	15/09/2017
Sample Type:	Grab	Receipt Time:	20:30
Field Observation:	pH: 7 Temperature: 29°C	Received By:	Hitesh Parmar
Sampling Method:	IS: 3025 (Part 1) - 1987 (Reaffirmed 2009)	Collection Date:	15/09/2017
Applicable Standard:	On Land for Plantation	Collection Time:	11:30
		Collected By:	Satyendra

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	pH	-	APHA 4500-H ⁺ B, Standard Methods 22nd Edition	7.03	--
2	Total Suspended Solids	mg/l	APHA 2540 D, Standard Methods 22nd Edition	26.00	30.00
3	Biochemical Oxygen Demand (3d at 27 °C as BOD)	mg/l	IS: 3025 (Part 44) – 1993	16.00	20.00
4	Chlorine (Residual as Cl ₂)	mg/l	APHA 4500-Cl G DPD Colorimetric KIT Method	0.70	> 0.50

Remarks:

1. BDL: Below Detectable Limit, DL: Detectable Limit

Checked By: G M Desai (Lab in-charge)

Authorised Signatory: Krishna Desai (Partner)

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Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2089
Location:	PO: Moti Khavadi, Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Stack Attached To:	DAP Train- C (S-3)	Analysed By:	G M Desai
Air Pollution Control System:	--	Receipt Date:	15/09/2017
Fuel Type:	Natural Gas	Receipt Time:	20:30
Fuel Consumption:	--	Received By:	Hitesh Parmar
Stack Height:	55 m	Collection Date:	15/09/2017
Stack Diameter:	3000 mm	Collection Time:	10:30
Emission Temperature:	52 °C	Collected By:	Kiran Chauhan
Velocity:	16.22 m/s		
Flow:	412539.48 m ³ /hr		
Field Observation:	--		
Flow Rate Measurement:	IS 11255 (Part 3) - 2008		
Applicable Standard:	--		

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM)	mg/Nm ³	IS: 11255 (Part 1) - 1985, R-2009	17.76	150
2	Ammonia (as NH ₃)	mg/Nm ³	IS: 11255 (Part 6) 1999, R 2003	14.88	175
3*	Hydrogen Flourides (Total as F)	mg/Nm ³	Method 13 A, EPA	BDL (DL: 1.0)	25.00

Remarks:

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Authorised Signatory: Krishna Desai (Partner)

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Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2090
Location:	PO: Moti Khavadi, Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Stack Attached To:	DAP Train- A (S-1)	Analysed By:	G M Desai
Air Pollution Control System:	--	Receipt Date:	15/09/2017
Fuel Type:	Natural Gas	Receipt Time:	20:30
Fuel Consumption:	--	Received By:	Hitesh Parmar
Stack Height:	50 m	Collection Date:	15/09/2017
Stack Diameter:	2150 mm	Collection Time:	12:45
Emission Temperature:	53 °C	Collected By:	Kiran Chauhan
Velocity:	19.68 m/s		
Flow:	257083.48 m ³ /hr		
Field Observation:	--		
Flow Rate Measurement:	IS 11255 (Part 3) - 2008		
Applicable Standard:	--		

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM)	mg/Nm ³	IS: 11255 (Part 1) - 1985, R-2009	18.26	150
2	Ammonia (as NH ₃)	mg/Nm ³	IS: 11255 (Part 6) 1999, R 2003	12.15	175
3*	Hydrogen Fluorides (Total as F)	mg/Nm ³	Method 13 A, EPA	BDL (DL: 1.0)	25.00

Remarks:

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TEST REPORT(AIR EMISSION)

PRAKRUTI

ENVIRONMENTAL
ENGINEERS

Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2091
Location:	PO: Moti Khavadi, Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Stack Attached To:	Boiler No.-1 GT- 2480 (S-4)	Analysed By:	G M Desai
Air Pollution Control System:	--	Receipt Date:	15/09/2017
Fuel Type:	Natural Gas	Receipt Time:	20:30
Fuel Consumption:	100 m ³ /hr	Received By:	Hitesh Parmar
Stack Height:	30.5 m	Collection Date:	15/09/2017
Stack Diameter:	1250 mm	Collection Time:	11:15
Emission Temperature:	101 °C	Collected By:	Kiran Chauhan
Velocity:	4.61 m/s		
Flow:	20356.03 m ³ /hr		
Field Observation:	--		
Flow Rate Measurement:	IS 11255 (Part 3) - 2008		
Applicable Standard:	--		

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM)	mg/Nm ³	IS: 11255 (Part 1) - 1985, R-2009	5.87	150
2	Sulphur Dioxide (as SO ₂)	mg/Nm ³	IS: 11255 (Part 2) - 1985, R-2009	5.72 (2.18 ppm)	100 ppm
3	Nitrogen Oxide (as NO _x)	mg/Nm ³	IS: 11255 (Part 7) 2005	16.50 (8.77 ppm)	50 ppm

Remarks:

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Checked By: G M Desai (Lab in-charge)

Authorised Signatory: Krishna Desai (Partner)

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TEST REPORT(AIR EMISSION)

Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2092
Location:	PO: Moti Khavadi, Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Stack Attached To:	Dedusting (Bagging Plant-C)	Analysed By:	G M Desai
Air Pollution Control System:	--	Receipt Date:	15/09/2017
Fuel Type:	--	Receipt Time:	20:30
Fuel Consumption:	--	Received By:	Hitesh Parmar
Stack Height:	43 m	Collection Date:	14/09/2017
Stack Diameter:	900 mm	Collection Time:	13:30
Emission Temperature:	37 °C	Collected By:	Kiran Chauhan
Velocity:	15.51 m/s		
Flow:	35503.32 m ³ /hr		
Field Observation:	--		
Flow Rate Measurement:	IS 11255 (Part 3) - 2008		
Applicable Standard:	--		

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM)	mg/Nm ³	IS: 11255 (Part 1) - 1985, R-2009	14.21	150

Remarks:

1. BDL: Below Detactable Limit, DL: Detactable Limit

Checked By: G M Desai (Lab in-charge)

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TEST REPORT(AIR EMISSION)

PRAKRUTI
ENVIRONMENTAL
ENGINEERS

Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2093
Location:	PO: Moti Khavadi, Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Stack Attached To:	Dedusting New Cylo (Product Hardening Dedusting)	Analysed By:	G M Desai
Air Pollution Control System:	--	Receipt Date:	15/09/2017
Fuel Type:	--	Receipt Time:	20:30
Fuel Consumption:	--	Received By:	Hitesh Parmar
Stack Height:	30 m	Collection Date:	14/09/2017
Stack Diameter:	1100 mm	Collection Time:	14:15
Emission Temperature:	39 °C	Collected By:	Kiran Chauhan
Velocity:	14.9 m/s		
Flow:	50949.95 m ³ /hr		
Field Observation:	--		
Flow Rate Measurement:	IS 11255 (Part 3) - 2008		
Applicable Standard:	--		

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM)	mg/Nm ³	IS: 11255 (Part 1) - 1985, R-2009	12.69	150

Remarks:

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Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2094
Location:	PO: Moti Khavadi, Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Stack Attached To:	Dedusting (Boiler Side) S-7	Analysed By:	G M Desai
Air Pollution Control System:	--	Receipt Date:	15/09/2017
Fuel Type:	--	Receipt Time:	20:30
Fuel Consumption:	--	Received By:	Hitesh Parmar
Stack Height:	20 m	Collection Date:	15/09/2017
Stack Diameter:	1000 mm	Collection Time:	12:00
Emission Temperature:	36 °C	Collected By:	Kiran Chauhan
Velocity:	14.84 m/s		
Flow:	41937.84 m ³ /hr		
Field Observation:	--		
Flow Rate Measurement:	IS 11255 (Part 3) - 2008		
Applicable Standard:	--		

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM)	mg/Nm ³	IS: 11255 (Part 1) - 1985, R-2009	10.72	150

Remarks:

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Checked By: G M Desai (Lab in-charge)

Authorised Signatory: Krishna Desai (Partner)

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TEST REPORT(AIR EMISSION)

PRAKRUTI

ENVIRONMENTAL
ENGINEERS

Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2095
Location:	PO: Moti Khavadi, Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Stack Attached To:	DG Set (30 KVA) Opp. DAP Plant	Analysed By:	G M Desai
Air Pollution Control System:	--	Receipt Date:	15/09/2017
Fuel Type:	HSD	Receipt Time:	20:30
Fuel Consumption:	-	Received By:	Hitesh Parmar
Stack Height:	8 m	Collection Date:	15/09/2017
Stack Diameter:	100 mm	Collection Time:	12:45
Emission Temperature:	97 °C	Collected By:	Kiran Chauhan
Velocity:	13.92 m/s		
Flow:	393.38 m ³ /hr		
Field Observation:	--		
Flow Rate Measurement:	IS 11255 (Part 3) - 2008		
Applicable Standard:	--		

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM)	mg/Nm ³	IS: 11255 (Part 1) - 1985, R-2009	38.48	150
2	Sulphur Dioxide (as SO ₂)	mg/Nm ³	IS: 11255 (Part 2) - 1985, R-2009	53.16 (20.31 ppm)	100 ppm
3	Nitrogen Oxide (as NO _x)	mg/Nm ³	IS: 11255 (Part 7) 2005	37.94 (20.17 ppm)	50 ppm

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Checked By: G M Desai (Lab in-charge)

Authorised Signatory: Krishna Desai (Partner)

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Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2096
Location:	PO: Moti Khavadi Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Station:	Sikka Shore Terminal Site (Near WorkShop)	Analysed By:	G M Desai
Sampling Duration:	24 hours	Receipt Date:	15/09/2017
Field Observation:	--	Receipt Time:	20:30
Monitoring Method:	IS: 5182 (Part 14) & (Part 5)	Received By:	Hitesh Parmar
Applicable Standard:	NAAQS-2009	Collection Date:	14/09/2017
		Collection Time:	14:00
		Collected By:	Mayur Raj

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM ₁₀)	µg/m ³	EN 12341	53.78	100.00
2	Particulate Matter (as PM _{2.5})	µg/m ³	SOP-TCH-001	26.88	60.00
3	Sulphur Dioxide (as SO ₂)	µg/m ³	IS: 5182 (Part 2):2001, R 2012	10.51	80.00
4	Oxides of Nitrogen (as NO ₂)	µg/m ³	IS: 5182 (Part 6):2006, R 2012	13.36	80.00
5	Ammonia (as NH ₃)	µg/m ³	Method of Air Sampling & Analysis, 3rd Edition, Indophenol Method 401	BDL (DL: 10.0)	400.00

Remarks:

1. BDL: Below Detectable Limit, DL: Detectable Limit

Checked By: G M Desai (Lab in-charge)

Authorised Signatory: Kristina Desai (Partner)

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Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2097
Location:	PO: Moti Khavadi Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Station:	Ammonia Loading Station Terrace	Analysed By:	G M Desai
Sampling Duration:	24 hours	Receipt Date:	15/09/2017
Field Observation:	--	Receipt Time:	20:30
Monitoring Method:	IS: 5182 (Part 14) & (Part 5)	Received By:	Hitesh Parmar
Applicable Standard:	NAAQS-2009	Collection Date:	14/09/2017
		Collection Time:	11:15
		Collected By:	Mayur Raj

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM ₁₀)	µg/m ³	IS: 5182 (Part 23) - 2006	52.42	100.00
2	Particulate Matter (as PM _{2.5})	µg/m ³	SOP-TCH-001	24.57	60.00
3	Sulphur Dioxide (as SO ₂)	µg/m ³	IS: 5182 (Part 2):2001, R 2012	10.94	80.00
4	Oxides of Nitrogen (as NO ₂)	µg/m ³	IS: 5182 (Part 6):2006, R 2012	14.30	80.00
5	Ammonia (as NH ₃)	µg/m ³	Method of Air Sampling & Analysis, 3rd Edition, Indophenol Method 401	BDL (DL: 10.0)	400.00

Remarks:

1. BDL: Below Detectable Limit, DL: Detectable Limit

Checked By: G M Desai (Lab in-charge)

Authorised Signatory: Krishna Desai (Partner)

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Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2098
Location:	PO: Moti Khavadi Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Station:	Electric Substation Terrace (Near Water Pond)	Analysed By:	G M Desai
Sampling Duration:	24 hours	Receipt Date:	15/09/2017
Field Observation:	--	Receipt Time:	20:30
Monitoring Method:	IS: 5182 (Part 14) & (Part 5)	Received By:	Hitesh Parmar
Applicable Standard:	NAAQS-2009	Collection Date:	14/09/2017
		Collection Time:	11:30
		Collected By:	Mayur Raj

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM ₁₀)	µg/m ³	EN 12341	50.26	100.00
2	Particulate Matter (as PM _{2.5})	µg/m ³	SOP-TCH-001	24.06	60.00
3	Sulphur Dioxide (as SO ₂)	µg/m ³	IS: 5182 (Part 2):2001, R 2012	10.31	80.00
4	Oxides of Nitrogen (as NO ₂)	µg/m ³	IS: 5182 (Part 6):2006, R 2012	13.87	80.00
5	Ammonia (as NH ₃)	µg/m ³	Method of Air Sampling & Analysis, 3rd Edition, Indophenol Method 401	BDL (DL: 10.0)	400.00

Remarks:

1. BDL: Below Detectable Limit, DL: Detectable Limit

Checked By: G M Desai (Lab in-charge)

Authorised Signatory: Krishna Desai (Partner)

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Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2099
Location:	PO: Moti Khavadi Dist: Jamnagar-361140	Report Date:	21/09/2017
		Analysis Date:	16/09/2017
Authorised Person:	Mr. S. A. Desai	Analysed By:	G M Desai
Station:	Approach Gate Security Cabin Terrace	Receipt Date:	15/09/2017
Sampling Duration:	24 hours	Receipt Time:	20:30
Field Observation:	--	Received By:	Hitesh Parmar
Monitoring Method:	IS: 5182 (Part 14) & (Part 5)	Collection Date:	14/09/2017
Applicable Standard:	NAAQS-2009	Collection Time:	11:45
		Collected By:	Mayur Raj

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM ₁₀)	µg/m ³	EN 12341	57.90	100.00
2	Particulate Matter (as PM _{2.5})	µg/m ³	SOP-TCH-001	29.57	60.00
3	Sulphur Dioxide (as SO ₂)	µg/m ³	IS: 5182 (Part 2):2001, R 2012	11.25	80.00
4	Oxides of Nitrogen (as NO ₂)	µg/m ³	IS: 5182 (Part 6):2006, R 2012	14.73	80.00
5	Ammonia (as NH ₃)	µg/m ³	Method of Air Sampling & Analysis, 3rd Edition, Indophenol Method 401	BDL (DL: 10.0)	400.00

Remarks:

1. BDL: Below Detectable Limit, DL: Detectable Limit

Checked By: G M Desai (Lab in-charge)

Authorised Signatory: Krishna Desai (Partner)

Note:

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TEST REPORT (AMBIENT AIR QUALITY)

PRAKRUTI
ENVIRONMENTAL
ENGINEERS

Customer:	Gujarat State Fertilizers & Chemicals Ltd. (Sikka Unit)	Ref. No.:	2100
Location:	PO: Moti Khavadi Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Analysis Date:	16/09/2017
Station:	ADM Building Terrace	Analysed By:	G M Desai
Sampling Duration:	24 hours	Receipt Date:	15/09/2017
Field Observation:	--	Receipt Time:	20:30
Monitoring Method:	IS: 5182 (Part 14) & (Part 5)	Received By:	Hitesh Parmar
Applicable Standard:	NAAQS-2009	Collection Date:	14/09/2017
		Collection Time:	11:00
		Collected By:	Mayur Raj

SN	PARAMETERS	UNITS	METHOD REFERENCE	RESULTS	PERMISSIBLE LIMIT
1	Particulate Matter (as PM ₁₀)	µg/m ³	IS 5182 (Part 23):2006	58.56	100.00
2	Particulate Matter (as PM _{2.5})	µg/m ³	SOP-TCH-001	30.62	60.00
3	Sulphur Dioxide (as SO ₂)	µg/m ³	IS: 5182 (Part 2):2001, R 2012	11.88	80.00
4	Oxides of Nitrogen (as NO ₂)	µg/m ³	IS: 5182 (Part 6):2006, R 2012	15.15	80.00
5	Ammonia (as NH ₃)	µg/m ³	Method of Air Sampling & Analysis, 3rd Edition, Indophenol Method 401	BDL (DL: 10.0)	400.00

Remarks:

1. BDL: Below Detectable Limit, DL: Detectable Limit

Checked By: G M Desai (Lab in-charge)

Authorised Signatory: Krishna Desai (Partner)

Note:

1. The tests marked with * are not accredited by NABL
2. The results refer only to the tested sample(s) and applicable parameter(s).
3. Sample(s) will be destroyed after 10 days from the report date unless otherwise specified.
4. This report is not to be reproduced wholly or in part without written approval from Prakruti Environmental Engineers.
5. Prakruti Environmental Engineers is not responsible for the authenticity of the sample(s) not collected by our Environmental Laboratory.

End of Report



Certificate No. T-2943

TEST REPORT(NOISE LEVEL)

Customer:	Gujarat State Fertilizers & Chemicals Ltd.(Sikka Unit)	Ref. No.:	2101
Location:	PO: Moti Khavadi Dist: Jamnagar-361140	Report Date:	21/09/2017
Authorised Person:	Mr. S. A. Desai	Monitoring Date:	14/09/2017
Monitored Method:	--	Monitored By:	Mayur Raj

SN	Station	Start Date	Start Time	End Date	End Time	Time Duration	NOISE LEVEL dB(A) Leg
1	ADM Building	14/09/2017	12:30:10	14/09/2017	12:52:06	0:21:56	64
2	Boiler House	14/09/2017	12:55:25	14/09/2017	13:18:12	0:22:47	73
3	DAP Plant Ground Floor	14/09/2017	13:20:15	14/09/2017	13:52:48	0:32:33	75
4	QC Laboratory	14/09/2017	13:55:08	14/09/2017	14:27:11	0:32:03	59
5	Control Room A/B Train	14/09/2017	14:30:45	14/09/2017	14:58:26	0:27:41	54
6	Control Room C Train	14/09/2017	15:05:30	14/09/2017	15:31:15	0:25:45	55
7	Control Room Bagging	14/09/2017	15:35:12	14/09/2017	15:56:40	0:21:28	53
8	Bentonite Cylo Room	14/09/2017	16:08:10	14/09/2017	16:40:55	0:32:45	64
9	Security Office Factory Side	14/09/2017	16:45:22	14/09/2017	17:05:23	0:20:01	60
10	Electrical Substation	14/09/2017	17:10:16	14/09/2017	17:40:19	0:30:03	59
11	ADM Building	14/09/2017	22:00:06	14/09/2017	22:25:10	0:25:04	60
12	Boiler House	14/09/2017	22:30:14	14/09/2017	23:05:47	0:35:33	71
13	DAP Plant Ground Floor	15/09/2017	0:00:40	15/09/2017	0:30:10	0:29:30	70
14	QC Laboratory	15/09/2017	0:35:32	15/09/2017	0:58:12	0:22:40	54
15	Control Room A/B Train	15/09/2017	1:05:11	15/09/2017	1:30:11	0:25:00	53
16	Control Room C Train	15/09/2017	1:35:17	15/09/2017	2:02:42	0:27:25	53
17	Control Room Bagging	15/09/2017	2:05:16	15/09/2017	2:35:21	0:30:05	52
18	Bentonite Cylo Room	15/09/2017	2:40:38	15/09/2017	3:05:25	0:24:47	57
19	Security Office Factory Side	15/09/2017	3:10:32	15/09/2017	3:42:39	0:32:07	59
20	Electrical Substation	15/09/2017	3:50:15	15/09/2017	4:22:17	0:32:02	56

Permissible Exposure in cases of Continuous Noise (as prescribed in Factories Act, 1948)		Permissible Exposure Level for Impulsive or Impact Noise	
Total time of exposure (continuous or a number of short terms exposure) per day, in hours	Sound Pressure Level in dB (A)	Peak Sound Pressure Level in dB	Permitted number of impulse or impact per day
8	90	140	100
6	92	135	315
4	95	130	1000
3	97	125	3160
2	100	120	10000
1 1/2	102	1. No exposure in excess of 140 dB peak sound pressure level is permitted	
1	105		
3/4	107		
1/2	110		
1/4	115		
1. No exposure in excess of 115 dB(A) is to be permitted			
2. For any period of exposure between any figure and the next higher or lower figure as indicated in column1, the permissible sound pressure level is to be determined by extrapolation on proportionate basis			

Remarks:

Checked By: G M Desai (Lab in-charge)

Authorised Signatory: Krishna Desai (Partner)

Note:

1. The above field of testing is not covered under the scope of NABL accreditation.
2. This report is not to be reproduced wholly or in part without written approval from Prakruti Environmental Engineers

End of Report