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AMBIENT AIR QUALITY MONITORING REPORT

Sample / Report No.	AA/12/18/1514	Report Date	19/12/2018
Name & Address of Customer	Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	Laboratory	Sample Description/ Type	Ambient Air
Sampling Location	Near Main Gate	Date-Sampling	14/12/2018 to 15/12/2018
Sample Quantity/ Packing	PM ₁₀ , Bap, Metals: 1 x 3 no. filter paper PM _{2.5} :1x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each NH ₃ : 30 ml x 24 no. plastic bottle Ozone: 30 ml x 1 no. plastic bottle C ₆ H ₆ : 30 x 6 no. charcoal tubes CO: 1 x 1 no. tedlar bag	Date-Receipt of Sample	15/12/2018
Sampling Procedure	As per Method Reference	Date-Start of Analysis	15/12/2018
Order Reference	Verbal discussion	Date-Completion of Analysis	18/12/2018

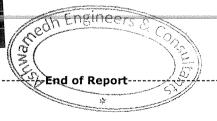
Meteorological Data / Environmental Conditions							
Average Wind Velocity 1.2 km/h				Relative Humidity ax./Min.):51/28% NAAQS # 2009 Unit		Temperature (Max./Min.): 28/16°C	Duration of Survey 24 h
Parameter						Met	hod
Sulphur Dioxide (SO ₂)		5.8	5	80	μg/m³	IS 5(82 (Part 2): 2001 ,Reaffirmed 200	6, WI/SAP-AA/5/2,
Nitrogen Dioxide (NO ₂)		6.8	7	80	μg/m³	IS 5182 (Part 6): 2006, WI/SAP-AA/5/	3
Particulate Matter (size less than 10 µm) or PM ₁₀		74	ŀ	100	μg/m³	IS 5182 (Part 23): 2006, WI/SAP-AA/5	/
Particulate Matter (size less than 2.5µm) or PM _{2.5}		24		60	μg/m³	CPCB Guidelines, Volume 1,36/2012-13, Page no. 15, WI/SAP-AA/5/1,	
Ozone (O ₃)		BDI (DL:19	- 1	180	μg/m³	AWMA,3 rd Ed., Method 411,Page no. 403,	1988, WI/SAP-AA/5/9
Lead (Pb)		BDI (DL:0.		1	μg/m³	IS 5182 (Part 22): 2004, Reaffirmed 2009, WI/SAP-AA/5/17	
Carbon Monoxide (CO)		1.0		4	mg/m³	CPCB Guidelines, Volume 1, 37/2012-13	Page no.16 WI/SAP-AA/5/17
Ammonia (NH ₃)		BDI (DL:4	- 1	400	μg/m³	AWMA,3 rd Ed., Method 401, Page no.35,1	988, WI/SAP-AA/5/6
Benzene (C ₆ H ₆)		1.75	5	5	μg/m³	IS 5182 (Part 11) : 2006, Reaffirmed 20	09, WI/SAP-GC/5/6
Benzo (a) Pyrene (BaP) - particulate phase only		BDI (DL:0	- ,	1	ng/m³	IS 5182 (Part 12): 2004, Reaffirmed 2009, WI/SAP-GC/5/7	
Arsenic (As)		BDI (DL:0	- [6	ng/m³	EPA/625/R-96/010 a Compendium Me AA/5/17	thod 10-3.1 & 3.2, Jun 1999, WI/SAP
Nickel (Ni)		BDL (DL:3	_ ,	20	ng/m³	EPA/625/R-96/010 a Compendium Me AA/5/17	thod 10-3.1 & 3.2, Jun 1999, WI/SAP

BDL Below Detection Limit DL: Detection Limit

TWA Time Weighted Average

NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM₁₀, PM_{2.5}, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

	AMBIENT AIR QUALITY MONIT	OKTAR KELOVI	- 110 (0040
	AMDILINI AIR &	Report Date	19/12/2018
ample / Report No.	AA/12/18/1516		
Name & Address of Customer	Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		Ambient Air
		Sample Description/ Type	
Sample Collected by	Laboratory	Date-Sampling	14/12/2018 to 15/12/2018
Sampling Location	Near Production 'B' Block	Date-ouriping	15/12/2010
Sample Quantity/ Packing	PM ₁₀ , Bap, Metals: 1 x 3 no. filter paper PM _{2.5} :1x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each NH ₃ : 30 ml x 24 no. plastic bottle Ozone: 30 ml x 1 no. plastic bottle C ₆ H ₆ : 30 x 6 no. charcoal tubes	Date-Receipt of Sample	15/12/2018
	CO: 1 x 1 no. tedlar bag	Date-Start of Analysis	15/12/2018
Sampling Procedure	As per Method Reference	Date-Completion of Analysi	s 18/12/2018
Order Reference	Verbal discussion	stal Conditions	

Verbal dis	Scussio					
			/	izonme	antal Conditions	5
rologi Wind Dir	rection	l-	delative muiii	iluity	Temperature (May /Min): 28/16°C	Duration of Survey 24 h
		(Ma		1/28%		
	Res	ult	# 2009	Unit		
		-		ua/m³	IS 5(82 (Part 2): 2001 ,Reaffirmed 200)G, WI/SAP-AA/5/2,
	6.8	85	80			
	7.8	89	80	μg/m³		
	8	3	100	μg/m³	IS 5182 (Part 23): 2006, WI/SAP-AA/	5/1
			60	ug/m³	CPCB Guidelines, Volume 1,36/2012-1	3, Page no. 15, WI/SAP-AA/5/1,
<u> </u>	-		00	р9/111		
		-	180	μg/m³	AWMA,3 rd Ed., Method 411,Page no. 403,1300, 1117 3A1 7A07 57	
				ug/m³	IS 5182 (Part 22); 2004, Reaffirmed	2009, WI/SAP-AA/5/17
			1		1.02(00)	
	1.	63	4	mg/m³		
			400	μg/m³		
				ug/m³	IS 5182 (Part II) : 2006, Reaffirmed	2009, WI/SAP-GC/5/6
			+ -			
			1	ng/m ³	10 0102 (F 01 C 12) . 2004, Noona mee	Method ID-31 8 3 2 Jun 1999 WI/S
			6	ng/m³	A A / C / U7	
	(DL:0.3)		 		CDA /625 /R-96/NIN a Compendium	n Method 10-3.1 & 3.2, Jun 1999, WI/S
	-		20	ng/m³	AA/5/17	
	Wind Dir	Wind Direction NE - SW Res 6.3 7. 8 BI (DL: BI (DL	Wind Direction NE - SW (Ma Result 6.85 7.89 83 32 BDL (DL:19.6) BDL (DL:0.02) 1.63 BDL (DL:4) 2.38 BDL (DL:0.2) BDL (DL:0.2)	Wind Direction Relative Fluin (Max./Min.):5 Result	Wind Direction NE - SW Relative Huminity (Max./Min.):51/28% Result NAAQS # 2009 Unit 6.85 80 μg/m³ 7.89 80 μg/m³ 83 100 μg/m³ BDL (DL:19.6) 180 μg/m³ BDL (DL:0.02) 1 μg/m³ BDL (DL:4) 400 μg/m³ BDL (DL:4) 400 μg/m³ BDL (DL:0.2) 1 ng/m³ BDL (DL:0.2) 1 ng/m³ BDL (DL:0.3) 6 ng/m³ BDL (DL:0.3) 20 ng/m³	Wind Direction (Max./Min.): 51/28% (Max./Min.): 28/16°C Result NAAQS # 2009 Unit Met 6.85 80

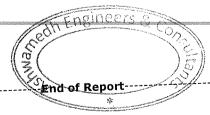
Below Detection Limit DL:Detection Limit

BDL

nme weignieu Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide,
Nitrogen Dioxide, PM₁₀, PM_{2.5}, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a)

Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

	WAIDTEIA! WIV COVET!! 1.10.147.	Report Date	19/12/2018
Sample / Report No.	AA/12/18/1515	Report Date	13/12/2020
Name & Address of Customer	Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra	a I Description/Toma	Ambient Air
Sample Collected by	Laboratory	Sample Description/ Type	
Sampling Location	Near ETP	Date-Sampling '	14/12/2018 to 15/12/2018
Sample Quantity/ Packing	PM ₁₀ , Bap, Metals: 1 x 3 no. filter paper PM _{2.5} :1x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each NH ₃ : 30 ml x 24 no. plastic bottle Ozone: 30 ml x 1 no. plastic bottle C ₆ H ₆ : 30 x 6 no. charcoal tubes CO: 1 x 1 no. tedlar bag	Date-Receipt of Sample	15/12/2018
O Line Deposition	As per Method Reference	Date-Start of Analysis	15/12/2018
Sampling Procedure		Date-Completion of Analysis	18/12/2018
Order Reference	Verbal discussion		

Order Reference							
Meteo	rolog	ical D	ata / E	<u>nvi</u>	ronme	ental Condition	5
Average Wind Velocity 1.2 km/h	Wind D	Wind Direction		Relative Humidity ax./Min.):51/28%		Temperature (Max./Min.): 28/16°C	Duration of Survey 24 h
Parameter		Resu	It NAA0 # 20		Unit	Met	hod
Sulphur Dioxide (SO₂)		6.05	5 80		µg/m³	IS 5182 (Part 2): 2001 ,Reaffirmed 20	
Nitrogen Dioxide (NO ₂)		6.89	80		μg/m³	IS 5182 (Part 6): 2006, WI/SAP-AA/5	/3
Particulate Matter (size less than 10 µm) or PM ₁₀		77	100)	μg/m³	IS 5182 (Part 23): 2006, WI/SAP-AA/	5/1
Particulate Matter (size less than 2.5µm) or PM _{2.5}		27	60		μg/m³	CPCB Guidelines, Volume 1,36/2012-1	3, Page no. 15, WI/SAP-AA/5/1,
Ozone (O ₃)		BDL (DL:19	1 180	0	μg/m³	AWMA.3 rd Ed., Method 411,Page no. 403	3,1988, WI/SAP-AA/5/9
Lead (Pb)		BDL (DL:0.	-		μg/m³	IS 5182 (Part 22): 2004, Reaffirmed 2	
Carbon Monoxide (CO)		1.25	5 4		mg/m³	CPCB Guidelines, Volume 1, 37/2012-	13,Page no.16 WI/SAP-AA/5/17
Ammonia (NH ₃)		BDL (DL:4	- 1 40	0	μg/m³	AWMA,3 rd Ed., Method 401, Page no.33	
Benzene (C ₆ H ₆)		1.79	-A		μg/m³	IS 5182 (Part II) : 2006, Reaffirmed :	2009, WI/SAP-GC/5/6
Benzo (a) Pyrene (BaP)		BDI (DL:0	- 1 1		ng/m³	IS 5182 (Part 12) : 2004, Reaffirmed	
- particulate phase only Arsenic (As)		BDI (DL:0	L 6		ng/m³	EPA/625/R-96/010 a Compendium AA/5/17	
Nickel (Ni)		BDI (DL:	L 20	0	ng/m³	EPA/625/R-96/010 a Compendium AA/5/17	Method 10-3.1 & 3.2, Jun 1999, WI/SA

Below Detection Limit DL:Detection Limit BDL

Time Weighted Average

NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM₁₀, PM_{2.5}, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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End of Report

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STACK EMISSION MONITORING REPORT

Sample / Report No.	SA/12/18/1517		Report Date	17/12/2018
Name and Address of Customer	Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra			
Sample Collected by	Laboratory	Sample	Description / Type	Stack Emissions
	PM: 1 x 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle NO ₂ : 25 ml x 1 no. plastic bottle CO ₂ :1 no tadler bag		Sampling	13/12/2018
Sample Quantity/Packing			Receipt of Sample	13/12/2018
Sampling Procedure	IS 11255 (Part 1):1985, Reaffirmed 2003, (Part 2): 1985, Reaffirmed 2003, (Part 3): 2008, (Part 7): 2005	Date - S	Start of Analysis	13/12/2018
Order Reference	Verbal Discussion	Date -C	Completion of Analysis	16/12/2018

Stack Details				
Stack No.	Boiler Stack			
Stack attached to	Boiler Stack No. 1 (MF	R-14868)		
Material of construction	MS			
Stack height above ground level	30 m			
Stack diameter	0.38 m			
Stack shape at top	Round			
Type of fuel	FO			
Fuel Consumption	400 kg/d			
Flue gas Temperature	127 °C			
Flue gas Velocity	8.16 m/s			
Total gas Quantity	2473 Nm³/h			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Particulate Matter (PM) (12% CO₂ Correction)	77	150	mg/Nm³	IS 11255 (Part I):1985, Reaffirmed 2003
C. I.I	6.48	-	- mg/Nm³ IS II255 (I	
Sulphur Dioxide (SO₂)	0.41	78.75	Kg/d	2003
Oxides of Nitrogen (NO ₂)	27	-	mg/Nm³	IS 11255 (Part 7): 2005

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STACK EMISSION MONITORING REPORT

		THE R. O. S. D. C. STONE B. AND D. P. H.	
Sample / Report No.	SA/12/18/1518	Report Date	17/12/2018
Name and Address of Customer	Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	Laboratory	Sample Description / Type	Stack Emissions
Sample Quantity/Packing	PM: 1 x 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle	Date - Sampling	13/12/2018
	NO_2 : 25 ml x 1 no. plastic bottle CO_2 :1 no tadler bag	Date - Receipt of Sample	13/12/2018
Sampling Procedure	IS 11255 (Part 1):1985, Reaffirmed 2003, (Part 2): 1985, Reaffirmed 2003, (Part 3): 2008, (Part 7): 2005	Date - Start of Analysis	13/12/2018
Order Reference	Verbal Discussion	Date -Completion of Analysis	16/12/2018

Stack Details				
Stack No.	DG Stack			
Stack attached to	DG Set 550 KVA			
Material of construction	MS			
Stack height above ground level	7 m			71 P. J. A.V. A.M. A.
Stack diameter	0.028 m			AND THE STATE OF T
Stack shape at top	Round			
Type of fuel	Diesel			AVV / / / / / / / / / / / / / / / / / /
Fuel Consumption	50 L/h			
Flue gas Temperature	97 °C			***************************************
Flue gas Velocity	9.25 m/s			
Total gas Quantity	751 Nm³/h			, , , , , , , , , , , , , , , , , , , ,
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Particulate Matter (PM)	12	150	mg/Nm³	IS 11255 (Part 1):1985, Reaffirmed 2003
Culphur Diavida (CO.)	1.48	-	mg/Nm³	IS 11255 (Part 2): 1985, Reaffirmed
Sulphur Dioxide (SO ₂)	0.13	7.2	Kg/d	2003
Oxides of Nitrogen (NO ₂)	23		mg/Nm³	IS 11255 (Part 7): 2005

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End of Report-

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Ashwamedh Engineers & Consultants

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STACK EMISSION MONITORING REPORT

	and a second of the second to the second	
SA/12/18/1519	Report Date	17/12/2018
Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra	*	
Laboratory	Sample Description / Type	Process Stack Emissions
HCI: 30 ml x 1 no. plastic bottle	Date - Sampling	13/12/2018
NH ₃ : 30 ml x 1 no. plastic bottle	Date - Receipt of Sample	13/12/2018
IS 11255 (Part 3):2008	Date - Start of Analysis	13/12/2018
Verbal Discussion	Date -Completion of Analysis	15/12/2018
	SA/12/18/1519 Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra Laboratory HCI: 30 ml x 1 no. plastic bottle NH ₃ : 30 ml x 1 no. plastic bottle IS 11255 (Part 3):2008	Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra Laboratory Sample Description / Type HCI: 30 ml x 1 no. plastic bottle NH ₃ : 30 ml x 1 no. plastic bottle IS 11255 (Part 3):2008 Date - Start of Analysis

Stack Details				
Stack No.	Scrubber No 1			
Stack attached to	Reactor 'A' Block			
Material of construction	FRP			
Stack height above ground level	10 m			
Stack diameter	0.25 m			
Stack shape at top	Round			
Type of fuel	-			
Fuel Consumption	-			
Flue gas Temperature	33 °C			
Flue gas Velocity	6.25 m/s			
Total gas Quantity	1074 Nm³/h			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Acid Mist (as HCI)	10.3	35	mg/Nm³	By Titrimetric Method
Ammonia (NH₃)	BDL (DL 0.6)	-	mg/Nm³	USEPA 846/13 A

BDL: Below Detection Limit

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End of Report----

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STACK EMISSION MONITORING REPORT

		ANT BONK FOR I AND BURNET CONTRACT	
Sample / Report No.	SA/12/18/1520	Report Date	17/12/2018
Name and Address of Customer	Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	Laboratory	Sample Description / Type	Process Stack Emissions
	HCI: 30 ml x 1 no. plastic bottle	Date - Sampling	13/12/2018
Sample Quantity/Packing	NH₃: 30 ml x 1 no. plastic bottle	Date - Receipt of Sample	13/12/2018
Sampling Procedure	IS 11255 (Part 3):2008	Date - Start of Analysis	13/12/2018
Order Reference	Verbal Discussion	Date -Completion of Analysis	15/12/2018

Stack Details				
Stack No.	Scrubber No 2			
Stack attached to	Reactor 'B' Block		-	
Material of construction	FRP			
Stack height above ground level	10 m			
Stack diameter	0.25 m			
Stack shape at top	Round			
Type of fuel	-			
Fuel Consumption	-			
Flue gas Temperature	34 °C			
Flue gas Velocity	6.5 m/s			
Total gas Quantity	1113 Nm³/h			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Acid Mist (as HCl)	9.54	35	mg/Nm³	By Titrimetric Method
Ammonia (NH ₃)	BDL (DL 0.6)	-	mg/Nm³	USEPA 846/13 A

BDL: Below Detection Limit

Ninad Soundankar Technical Manager (Chemical)

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End of Report

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STACK EMISSION MONITORING REPORT

	Company and a second company of the second c		
Sample / Report No.	SA/12/18/1521	Report Date	17/12/2018
Name and Address of Customer	Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	Laboratory	Sample Description / Type	Process Stack Emissions
	HCl: 30 ml x 1 no. plastic bottle	Date - Sampling	13/12/2018
Sample Quantity/Packing	NH₃: 30 ml x 1 no. plastic bottle	Date - Receipt of Sample	13/12/2018
Sampling Procedure	IS 11255 (Part 3):2008	Date - Start of Analysis	13/12/2018
Order Reference	Verbal Discussion	Date -Completion of Analysis	15/12/2018

Stack Details				
Stack No.	Scrubber No 3			
Stack attached to	Reactor 'C' Block			
Material of construction	FRP			
Stack height above ground level	10 m			
Stack diameter	0.25 m			
Stack shape at top	Round			
Type of fuel	-			
Fuel Consumption				
Flue gas Temperature	31 °C			
Flue gas Velocity	7.5 m/s			
Total gas Quantity	1284 Nm³/h			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Acid Mist (as HCl)	9.67	35	mg/Nm³	By Titrimetric Method
Ammonia (NH ₃)	BDL (DL 0.6)	-	mg/Nm³	USEPA 846/13 A

BDL: Below Detection Limit

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WORK ROOM ENVIRONMENT MONITORING REPORT

Sample / Report No.	WR/12/18/1536	Report Date		22/12/2018
Name and Address of Customer	Delta Finochem Pvt Ltd Gat No. 350, Village-Wadiwarhe Tal-Igatpuri, Dist. Nashik-422 403	Order Referen Verbal Disc		
Sample Collected by	Laboratory	Sample Descri	ption / Type	Work Room Environment
Sampling Location	Store (Loading & Unloading Area)	Date - Sampling		14/12/2018
Sampling Quantity/Packing	RSPM, SPM: 1 no. filter paper & 1 no. zíp bag VOC: 1 no. Charcoal tube	Date - Receipt of Sample		14/12/2018
Sampling Procedure	As per Method Reference	Date - Start of Analysis		15/12/2018
Duration of Sampling	of Sampling 8 h Date - Completion of Analysis		22/12/2018	

Parameter	Lim Secor Result of I Act		Unit	Method
		TWA (8 h)		
Respirable Particulate Matter (RPM)	0.08	5#	mg/m³	NIOSH O5OD
Suspended Particulate Matter (SPM)	0.05	15#	mg/m³	NIOSH 0500
Methylene Chloride	ND	-	mg/m³	NDOI H201N
Toluene	BDL (DL:0.1)	375#	mg/m³	NIOSH ISOI
Methanol	ND	260#	mg/m³	NIOSH 2000

ND: Not Detected

BDL: Below Detection Limit, DL: Detection Limit

TWA: Time Weighted Average

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-----End of Report-----

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WORK ROOM ENVIRONMENT MONITORING REPORT

Sample / Report No.	WR/12/18/1535	Report Date		22/12/2018
Name and Address of Customer	Delta Finochem Pvt Ltd Gat No. 350, Village-Wadiwarhe Tal-Igatpuri, Dist. Nashik-422 403	Order Referen Verbal Disc		
Sample Collected by	Laboratory	Sample Descr	iption / Type	Work Room Environment
Sampling Location	Manufacturing (Loading & Unloading Area)	Date - Sampli	ng	14/12/2018
Sampling Quantity/Packing	RSPM, SPM: 1 no. filter paper & 1 no. zip bag VOC: 1 no. Charcoal tube	Date - Receipt of Sample		14/12/2018
Sampling Procedure	As per Method Reference	Date - Start of Analysis		15/12/2018
Duration of Sampling	8 h	Date - Completion of Analysis		22/12/2018

Parameter	Result	Limits as Per Second Schedule of Factories Act/OSHA# TWA (8 h)	Unit	Method
Respirable Particulate Matter (RPM)	0.17	5#	mg/m³	NIOSH OSOO
Suspended Particulate Matter (SPM)	0.20	15#	mg/m³	NIOSH OSDO
Methylene Chloride	ND	-	mg/m³	NIOSH 1001
Toluene	BDL (DL:0.1)	375#	mg/m³	NIOSH 1501
Methanol	ND	260#	mg/m³	NIDSH 2000

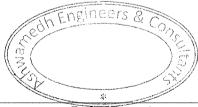
ND: Not Detected

BDL : Below Detection Limit, DL : Detection Limit

TWA: Time Weighted Average

Ninad Soundankar

Technical Manager (Chemical)
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------End of Report------

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WORK ROOM ENVIRONMENT MONITORING REPORT

Sample / Report No.	WR/12/18/1534	Report Date		22/12/2018
Name and Address of Customer	Delta Finochem Pvt Ltd Gat No. 350, Village-Wadiwarhe Tal-Igatpuri, Dist. Nashik-422 403	arhe Order Referen Verbal Disc		
Sample Collected by	Laboratory	Sample Descri	ption / Type	Work Room Environment
Sampling Location	Tank Foam Area	Date - Sampling		14/12/2018
Sampling Quantity/Packing	VOC: 1 no. Charcoal tube	Date - Receipt of Sample		14/12/2018
Sampling Procedure	As per Method Reference	Date - Start of Analysis		15/12/2018
Duration of Sampling	8 h	Date - Completion of Analysis		22/12/2018

Parameter	Result	Limits as Per Second Schedule of Factories Act/OSHA# TWA (8 h)	Unit	Method
Methylene Chloride	ND	-	mg/m³	NIOSH 1001
Toluene	BDL (DL:0.1)	375#	mg/m³	NIOSH ISOI
Methanol	ND	260#	mg/m³	NIOSH 2000

ND: Not Detected

BDL: Below Detection Limit, DL: Detection Limit

TWA: Time Weighted Average

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NOISE LEVEL MEASUREMENT REPORT

Sample / Report No.	N/12/18/04	Report Date	15/12/2018
Name and Address of Customer	Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	Verbal discussion	Date-Monitoring	14/12/2018

Sr. No.	Location	Time (h)	Results Noise Level dB (A) Fast Response	Method
1	Near Main Gate	1115	51	
1.	Near Mail Gate	2030	45	
2.	Near Production Block	1120	62	IS 9876: 1981, CPCB Protocol for
۷٠	Near Froduction Block	2035	47	Ambient Level Noise Monitoring,
3.	Maintenance Donartmont	1125	70	July 2015 & Manufacturer Manual, WI/S/5/35 & 36,Issue No.3, Issue
J.	Maintenance Department	2040	62	date 01.09.2016
4.	Near Tank Farm	1130	62	0016 01.00.2016
	Near rank rann	2045	54	
		Limit		

As Per the Noise Pollution (Regulation & Control) Rules , 2000 (Rules 3 (1) and 4(1)					
Area Type	Limits in dB (A) weighted scale				
Area Type	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a.m.)			
Industrial	75	70			

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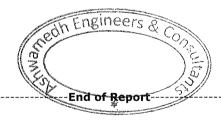


TEST REPORT

Sample / Report No.	E/12/18/1560	Report Date	20/12/2018
Name and Address of Customer	Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	lected by Laboratory Sample Description / Typ		Untreated Trade Effluent
Sampling Location	ing Location ETP Inlet		13/12/2018
Sample Quantity/Packing 2 L x 1 no. plastic can 1 L x 1 no. glass bottle		Date -Receipt of Sample	14/12/2018
Sampling Procedure	IS 3025 (part 1): 1987, RA 1998, Amds. 1 & APHA, 22 nd Ed.2012,1060 B, 1-39	Date -Start of Analysis	14/12/2018
Order Reference	Verbal discussion	Date -Completion of Analysis	19/12/2018

Sr. No.	Parameter	Result	Unit	Method	
1	pH	8.15	-	IS 3025 (Part II):1983, Reaffirmed 2006	
2	Total Suspended Solids	118	mg/L	IS 3025 (Part 17): 1984, Reaffirmed 2006, Amds.1	
3	Biochemical Oxygen Demand (3 days, 27°C)	1440	mg/L	IS 3025 (Part 44): 1993, Reaffirmed 2009, Amds.1	
4	Chemical Oxygen Demand	15818	mg/L	APHA, 22 nd Ed., 2012, 5220-B, 5-17	
5	Oil & Grease	BDL (DL:1)	mg/L	APHA, 22 nd Ed., 2012, 5520-B, 5-40	
6	Total Dissolved Solids	2970	mg/L	IS 3025(Part 16): 1984, Reaffirmed 2006, Ed.2.1(1999-12)	
7	Chloride (as CI)	374	mg/L	IS 3025 (Part 32):1988, Reaffirmed 2009	
8	Sulphate (as SO ₄)	63.5	mg/L	IS 3025 (Part 24): 1986, Reaffirmed 2009	
BDL:	BDL: Below Detection Limit DL: Detection Limit				

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(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)

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TEST REPORT

Sample / Report No.	E/12/18/1561	Report Date	20/12/2018		
Name and Address of Customer	Delta Finochem Pvt. Ltd. Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharastra				
Sample Collected by	Laboratory	Sample Description / Type	Treated Trade Effluent		
Sampling Location	ETP Outlet	Date -Sampling	13/12/2018		
Sample Quantity/Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date -Receipt of Sample	14/12/2018		
Sampling Procedure	IS 3025 (part 1): 1987, RA 1998, Amds. 1 & APHA, 22 nd Ed.2012,1060 B, 1-39	Date -Start of Analysis	14/12/2018		
Order Reference	Verbal discussion	Date -Completion of Analysis	19/12/2018		

Sr. No.	Parameter	Result	Limit as per MPCB Consent	Unit	Method
1	pH	7.32	5.5-9.0	-	IS 3025 (Part II):1983, Reaffirmed 2006
2	Total Suspended Solids	12	Not to exceed 100	mg/L	IS 3025 (Part 17): 1984, Reaffirmed 2006, Amds.1
3	Biochemical Oxygen Demand (3 days, 27°C)	14	Not to exceed 30	mg/L	IS 3025 (Part 44): 1993, Reaffirmed 2009, Amds.1
4	Chemical Oxygen Demand	92	Not to exceed 250	mg/L	APHA, 22 nd Ed., 2012, 5220-8, 5-17
5	Oil & Grease	BDL (DL:1)	Not to exceed 10	mg/L	APHA, 22 nd Ed., 2012, 5520-B, 5-40
6	Total Dissolved Solids	301	Not to exceed 2100	mg/L	IS 3025(Part 16): 1984, Reaffirmed 2006, Ed.2.1(1999-12)
7	Chloride (as CI)	18.5	Not to exceed 600	mg/L	IS 3025 (Part 32):1988, Reaffirmed 2009
8	Sulphate (as SO ₄)	6.65	Not to exceed 1000	mg/L	IS 3025 (Part 24): 1986, Reaffirmed 2009
BDL: Bel	ow Detection Limit DL: Detection Lin	mit	1		1

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