

### AMBIENT AIR QUALITY MONITORING REPORT

Sample / Report No.	AA/12/18/1514	Report Date	19/12/2018
Name & Address of Customer	<b>Delta Finochem Pvt. Ltd.</b> Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	Laboratory	Sample Description/ Type	Ambient Air
Sampling Location	<b>Near Main Gate</b>	Date-Sampling	14/12/2018 to 15/12/2018
Sample Quantity/ Packing	PM <sub>10</sub> , Bap, Metals: 1 x 3 no. filter paper PM <sub>2.5</sub> : 1x 1 no. filter paper SO <sub>2</sub> , NO <sub>2</sub> : 30 ml x 6 no. plastic bottle each NH <sub>3</sub> : 30 ml x 24 no. plastic bottle Ozone: 30 ml x 1 no. plastic bottle C <sub>6</sub> H <sub>6</sub> : 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	Wind Direction NE - SW	Relative Humidity (Max./Min.): 51/28%	Temperature (Max./Min.): 28/16°C	Duration of Survey 24 h
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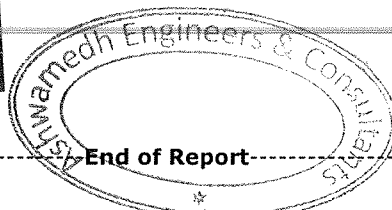
Parameter	Result	NAAQS # 2009	Unit	Method
Sulphur Dioxide (SO <sub>2</sub> )	<b>5.85</b>	80	µg/m <sup>3</sup>	IS 5182 (Part 2): 2001, Reaffirmed 2006, WI/SAP-AA/5/2,
Nitrogen Dioxide (NO <sub>2</sub> )	<b>6.87</b>	80	µg/m <sup>3</sup>	IS 5182 (Part 6): 2006, WI/SAP-AA/5/3
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	<b>74</b>	100	µg/m <sup>3</sup>	IS 5182 (Part 23): 2006, WI/SAP-AA/5/1
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	<b>24</b>	60	µg/m <sup>3</sup>	CPCB Guidelines, Volume 1,36/2012-13, Page no. 15, WI/SAP-AA/5/1,
Ozone (O <sub>3</sub> )	<b>BDL (DL:19.6)</b>	180	µg/m <sup>3</sup>	AWMA, 3 <sup>rd</sup> Ed., Method 411, Page no. 403, 1988, WI/SAP-AA/5/9
Lead (Pb)	<b>BDL (DL:0.02)</b>	1	µg/m <sup>3</sup>	IS 5182 (Part 22): 2004, Reaffirmed 2009, WI/SAP-AA/5/17
Carbon Monoxide (CO)	<b>1.05</b>	4	mg/m <sup>3</sup>	CPCB Guidelines, Volume 1, 37/2012-13, Page no.16 WI/SAP-AA/5/17
Ammonia (NH <sub>3</sub> )	<b>BDL (DL:4)</b>	400	µg/m <sup>3</sup>	AWMA, 3 <sup>rd</sup> Ed., Method 401, Page no.35, 1988, WI/SAP-AA/5/6
Benzene (C <sub>6</sub> H <sub>6</sub> )	<b>1.75</b>	5	µg/m <sup>3</sup>	IS 5182 (Part II): 2006, Reaffirmed 2009, WI/SAP-GC/5/6
Benzo (a) Pyrene (BaP) - particulate phase only	<b>BDL (DL:0.2)</b>	1	ng/m <sup>3</sup>	IS 5182 (Part 12): 2004, Reaffirmed 2009, WI/SAP-GC/5/7
Arsenic (As)	<b>BDL (DL:0.3)</b>	6	ng/m <sup>3</sup>	EPA/625/R-96/D10 a Compendium Method 10-3.1 & 3.2, Jun 1999, WI/SAP-AA/5/17
Nickel (Ni)	<b>BDL (DL:3)</b>	20	ng/m <sup>3</sup>	EPA/625/R-96/D10 a Compendium Method 10-3.1 & 3.2, Jun 1999, WI/SAP-AA/5/17

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, PM<sub>10</sub>, PM<sub>2.5</sub>, 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.

  
 Ninad Soundankar  
 Technical Manager (Chemical)  
 AUTHORISED SIGNATORY



**Note:**

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## AMBIENT AIR QUALITY MONITORING REPORT

Sample / Report No.	AA/12/18/1516	Report Date	19/12/2018
Name & Address of Customer	<b>Delta Finochem Pvt. Ltd.</b> Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	Laboratory	Sample Description/ Type	Ambient Air
Sampling Location	<b>Near Production 'B' Block</b>	Date-Sampling	14/12/2018 to 15/12/2018
Sample Quantity/ Packing	PM <sub>10</sub> , Bap, Metals: 1 x 3 no. filter paper PM <sub>2.5</sub> : 1x 1 no. filter paper SO <sub>2</sub> , NO <sub>2</sub> : 30 ml x 6 no. plastic bottle each NH <sub>3</sub> : 30 ml x 24 no. plastic bottle Ozone: 30 ml x 1 no. plastic bottle C <sub>6</sub> H <sub>6</sub> : 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

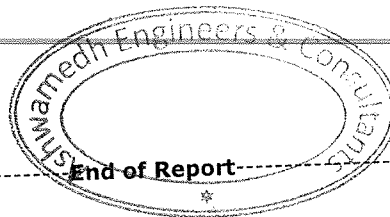
Average Wind Velocity 1.2 km/h	Wind Direction NE - SW	Relative Humidity (Max./Min.): 51/28%	Temperature (Max./Min.): 28/16°C	Duration of Survey 24 h
Parameter	Result	NAAQS # 2009	Unit	Method
Sulphur Dioxide (SO <sub>2</sub> )	<b>6.85</b>	80	µg/m <sup>3</sup>	IS 5182 (Part 2): 2001, Reaffirmed 2006, WI/SAP-AA/5/2,
Nitrogen Dioxide (NO <sub>2</sub> )	<b>7.89</b>	80	µg/m <sup>3</sup>	IS 5182 (Part 6): 2006, WI/SAP-AA/5/3
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	<b>83</b>	100	µg/m <sup>3</sup>	IS 5182 (Part 23): 2006, WI/SAP-AA/5/1
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	<b>32</b>	60	µg/m <sup>3</sup>	CPCB Guidelines, Volume I, 36/2012-13, Page no. 15, WI/SAP-AA/5/1,
Ozone (O <sub>3</sub> )	<b>BDL (DL:19.6)</b>	180	µg/m <sup>3</sup>	AWMA, 3 <sup>rd</sup> Ed., Method 411, Page no. 403, 1988, WI/SAP-AA/5/9
Lead (Pb)	<b>BDL (DL:0.02)</b>	1	µg/m <sup>3</sup>	IS 5182 (Part 22): 2004, Reaffirmed 2009, WI/SAP-AA/5/17
Carbon Monoxide (CO)	<b>1.63</b>	4	mg/m <sup>3</sup>	CPCB Guidelines, Volume I, 37/2012-13, Page no. 16, WI/SAP-AA/5/17
Ammonia (NH <sub>3</sub> )	<b>BDL (DL:4)</b>	400	µg/m <sup>3</sup>	AWMA, 3 <sup>rd</sup> Ed., Method 401, Page no. 35, 1988, WI/SAP-AA/5/6
Benzene (C <sub>6</sub> H <sub>6</sub> )	<b>2.38</b>	5	µg/m <sup>3</sup>	IS 5182 (Part 11): 2006, Reaffirmed 2009, WI/SAP-GC/5/6
Benzo (a) Pyrene (BaP) - particulate phase only	<b>BDL (DL:0.2)</b>	1	ng/m <sup>3</sup>	IS 5182 (Part 12): 2004, Reaffirmed 2009, WI/SAP-GC/5/7
Arsenic (As)	<b>BDL (DL:0.3)</b>	6	ng/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2, Jun 1999, WI/SAP-AA/5/17
Nickel (Ni)	<b>BDL (DL:3)</b>	20	ng/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2, Jun 1999, WI/SAP-AA/5/17

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, PM<sub>10</sub>, PM<sub>2.5</sub>, 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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 Technical Manager (Chemical)  
 AUTHORISED SIGNATORY



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### AMBIENT AIR QUALITY MONITORING REPORT

Sample / Report No.	AA/12/18/1515	Report Date	19/12/2018
Name & Address of Customer	<b>Delta Finochem Pvt. Ltd.</b> Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	Laboratory	Sample Description/ Type	Ambient Air
Sampling Location	<b>Near ETP</b>	Date-Sampling	14/12/2018 to 15/12/2018
Sample Quantity/ Packing	PM <sub>10</sub> , Bap, Metals: 1 x 3 no. filter paper PM <sub>2.5</sub> : 1x 1 no. filter paper SO <sub>2</sub> , NO <sub>2</sub> : 30 ml x 6 no. plastic bottle each NH <sub>3</sub> : 30 ml x 24 no. plastic bottle Ozone: 30 ml x 1 no. plastic bottle C <sub>6</sub> H <sub>6</sub> : 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

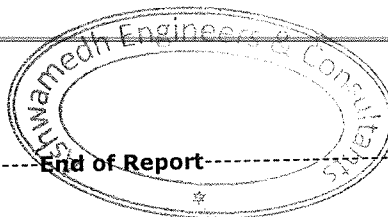
Average Wind Velocity 1.2 km/h	Wind Direction NE – SW	Relative Humidity (Max./Min.): 51/28%	Temperature (Max./Min.): 28/16°C	Duration of Survey 24 h
Parameter	Result	NAAQS # 2009	Unit	Method
Sulphur Dioxide (SO <sub>2</sub> )	<b>6.05</b>	80	µg/m <sup>3</sup>	IS 5182 (Part 2): 2001, Reaffirmed 2006, WI/SAP-AA/5/2.
Nitrogen Dioxide (NO <sub>2</sub> )	<b>6.89</b>	80	µg/m <sup>3</sup>	IS 5182 (Part 6): 2006, WI/SAP-AA/5/3
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	<b>77</b>	100	µg/m <sup>3</sup>	IS 5182 (Part 23): 2006, WI/SAP-AA/5/1
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	<b>27</b>	60	µg/m <sup>3</sup>	CPCB Guidelines, Volume 1.36/2012-13, Page no. 15, WI/SAP-AA/5/1.
Ozone (O <sub>3</sub> )	<b>BDL (DL:19.6)</b>	180	µg/m <sup>3</sup>	AWMA, 3 <sup>rd</sup> Ed., Method 411, Page no. 403, 1988, WI/SAP-AA/5/9
Lead (Pb)	<b>BDL (DL:0.02)</b>	1	µg/m <sup>3</sup>	IS 5182 (Part 22): 2004, Reaffirmed 2009, WI/SAP-AA/5/17
Carbon Monoxide (CO)	<b>1.25</b>	4	mg/m <sup>3</sup>	CPCB Guidelines, Volume 1, 37/2012-13, Page no. 16, WI/SAP-AA/5/17
Ammonia (NH <sub>3</sub> )	<b>BDL (DL:4)</b>	400	µg/m <sup>3</sup>	AWMA, 3 <sup>rd</sup> Ed., Method 401, Page no. 35, 1988, WI/SAP-AA/5/6
Benzene (C <sub>6</sub> H <sub>6</sub> )	<b>1.79</b>	5	µg/m <sup>3</sup>	IS 5182 (Part II): 2006, Reaffirmed 2009, WI/SAP-GC/5/6
Benzo (a) Pyrene (BaP) - particulate phase only	<b>BDL (DL:0.2)</b>	1	ng/m <sup>3</sup>	IS 5182 (Part 12): 2004, Reaffirmed 2009, WI/SAP-GC/5/7
Arsenic (As)	<b>BDL (DL:0.3)</b>	6	ng/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2, Jun 1999, WI/SAP-AA/5/17
Nickel (Ni)	<b>BDL (DL:3)</b>	20	ng/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2, Jun 1999, WI/SAP-AA/5/17

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, PM<sub>10</sub>, PM<sub>2.5</sub>, 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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### STACK EMISSION MONITORING REPORT

Sample / Report No.	SA/12/18/1517	Report Date	17/12/2018
Name and Address of Customer	<b>Delta Finochem Pvt. Ltd.</b> 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 <sub>2</sub> : 30 ml x 1 no. plastic bottle NO <sub>2</sub> : 25 ml x 1 no. plastic bottle CO <sub>2</sub> : 1 no. tadler bag	Date - Sampling	13/12/2018
		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

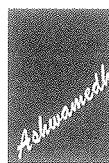
Stack Details				
Stack No.	<b>Boiler Stack</b>			
Stack attached to	Boiler Stack No. 1 (MR-14868)			
Material of construction	MS			
Stack height above ground level	30 m			
Stack diameter	0.38 m			
Stack shape at top	Round			
Type of fuel	FO			
Fuel Consumption	400 kg/d			
Flue gas Temperature	127 °C			
Flue gas Velocity	8.16 m/s			
Total gas Quantity	2473 Nm <sup>3</sup> /h			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Particulate Matter (PM) (12% CO <sub>2</sub> Correction)	<b>77</b>	150	mg/Nm <sup>3</sup>	IS 11255 (Part 1):1985, Reaffirmed 2003
Sulphur Dioxide (SO <sub>2</sub> )	<b>6.48</b>	-	mg/Nm <sup>3</sup>	IS 11255 (Part 2): 1985, Reaffirmed 2003
	<b>0.41</b>	78.75	Kg/d	
Oxides of Nitrogen (NO <sub>2</sub> )	<b>27</b>	-	mg/Nm <sup>3</sup>	IS 11255 (Part 7): 2005

  
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 End of Report

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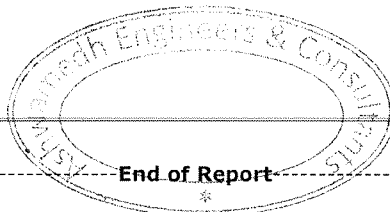


### STACK EMISSION MONITORING REPORT

Sample / Report No.	SA/12/18/1518	Report Date	17/12/2018
Name and Address of Customer	<b>Delta Finochem Pvt. Ltd.</b> 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 <sub>2</sub> : 30 ml x 1 no. plastic bottle NO <sub>2</sub> : 25 ml x 1 no. plastic bottle CO <sub>2</sub> : 1 no tadler bag	Date - Sampling	13/12/2018
		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.	<b>DG Stack</b>			
Stack attached to	DG Set 550 KVA			
Material of construction	MS			
Stack height above ground level	7 m			
Stack diameter	0.028 m			
Stack shape at top	Round			
Type of fuel	Diesel			
Fuel Consumption	50 L/h			
Flue gas Temperature	97 °C			
Flue gas Velocity	9.25 m/s			
Total gas Quantity	751 Nm <sup>3</sup> /h			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Particulate Matter (PM)	<b>12</b>	150	mg/Nm <sup>3</sup>	IS 11255 (Part 1):1985, Reaffirmed 2003
Sulphur Dioxide (SO <sub>2</sub> )	<b>1.48</b>	-	mg/Nm <sup>3</sup>	IS 11255 (Part 2): 1985, Reaffirmed 2003
	<b>0.13</b>	7.2	Kg/d	
Oxides of Nitrogen (NO <sub>2</sub> )	<b>23</b>	-	mg/Nm <sup>3</sup>	IS 11255 (Part 7): 2005

  
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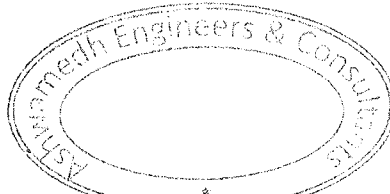
**STACK EMISSION MONITORING REPORT**

Sample / Report No.	SA/12/18/1519	Report Date	17/12/2018
Name and Address of Customer	<b>Delta Finchem Pvt. Ltd.</b> Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	Laboratory	Sample Description / Type	Process Stack Emissions
Sample Quantity/Packing	HCl : 30 ml x 1 no. plastic bottle NH <sub>3</sub> : 30 ml x 1 no. plastic bottle	Date - Sampling	13/12/2018
		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.	<b>Scrubber No 1</b>			
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 Nm <sup>3</sup> /h			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Acid Mist (as HCl)	<b>10.3</b>	35	mg/Nm <sup>3</sup>	By Titrimetric Method
Ammonia (NH <sub>3</sub> )	<b>BDL (DL 0.6)</b>	-	mg/Nm <sup>3</sup>	USEPA 846/13 A

**BDL** : Below Detection Limit

  
 Ninad Soundankar  
 Technical Manager (Chemical)  
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**End of Report**

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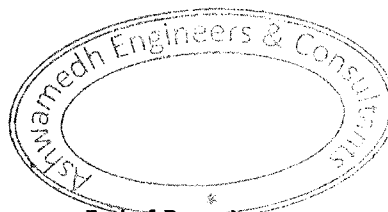
### STACK EMISSION MONITORING REPORT

Sample / Report No.	SA/12/18/1520	Report Date	17/12/2018
Name and Address of Customer	<b>Delta Finochem Pvt. Ltd.</b> Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	Laboratory	Sample Description / Type	Process Stack Emissions
Sample Quantity/Packing	HCl : 30 ml x 1 no. plastic bottle NH <sub>3</sub> : 30 ml x 1 no. plastic bottle	Date - Sampling	13/12/2018
		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.	<b>Scrubber No 2</b>			
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 Nm <sup>3</sup> /h			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Acid Mist (as HCl)	<b>9.54</b>	35	mg/Nm <sup>3</sup>	By Titrimetric Method
Ammonia (NH <sub>3</sub> )	<b>BDL (DL 0.6)</b>	-	mg/Nm <sup>3</sup>	USEPA 846/13 A

**BDL** : Below Detection Limit

  
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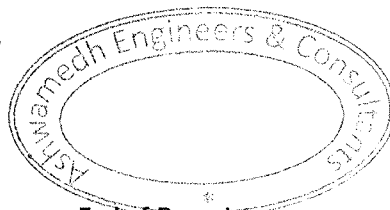
### STACK EMISSION MONITORING REPORT

Sample / Report No.	SA/12/18/1521	Report Date	17/12/2018
Name and Address of Customer	<b>Delta Finochem Pvt. Ltd.</b> Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	Laboratory	Sample Description / Type	Process Stack Emissions
Sample Quantity/Packing	HCl : 30 ml x 1 no. plastic bottle NH <sub>3</sub> : 30 ml x 1 no. plastic bottle	Date - Sampling	13/12/2018
		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.	<b>Scrubber No 3</b>			
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 Nm <sup>3</sup> /h			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Acid Mist (as HCl)	<b>9.67</b>	35	mg/Nm <sup>3</sup>	By Titrimetric Method
Ammonia (NH <sub>3</sub> )	<b>BDL (DL 0.6)</b>	-	mg/Nm <sup>3</sup>	USEPA 846/13 A

**BDL** : Below Detection Limit

  
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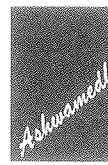


End of Report

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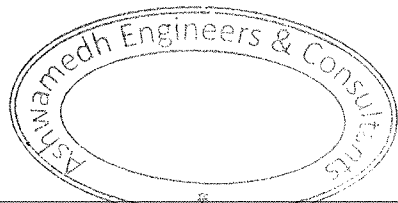
## WORK ROOM ENVIRONMENT MONITORING REPORT

Sample / Report No.	WR/12/18/1536	Report Date	22/12/2018
Name and Address of Customer	<b>Delta Finochem Pvt Ltd</b> Gat No. 350, Village-Wadiwarhe Tal-Igatpuri, Dist. Nashik-422 403	Order Reference: Verbal Discussion	
Sample Collected by	Laboratory	Sample Description / Type	Work Room Environment
Sampling Location	<b>Store (Loading &amp; Unloading Area)</b>	Date - Sampling	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#	Unit	Method
		TWA (8 h)		
Respirable Particulate Matter (RPM)	<b>0.08</b>	5#	mg/m <sup>3</sup>	NIOSH 0500
Suspended Particulate Matter (SPM)	<b>0.05</b>	15#	mg/m <sup>3</sup>	NIOSH 0500
Methylene Chloride	<b>ND</b>	-	mg/m <sup>3</sup>	NIOSH 1001
Toluene	<b>BDL (DL:0.1)</b>	375#	mg/m <sup>3</sup>	NIOSH 1501
Methanol	<b>ND</b>	260#	mg/m <sup>3</sup>	NIOSH 2000

ND: Not Detected  
 BDL : Below Detection Limit, DL : Detection Limit  
 TWA: Time Weighted Average

  
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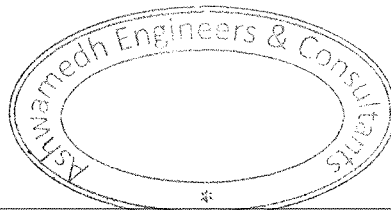
## WORK ROOM ENVIRONMENT MONITORING REPORT

Sample / Report No.	WR/12/18/1535	Report Date	22/12/2018
Name and Address of Customer	<b>Delta Finochem Pvt Ltd</b> Gat No. 350, Village-Wadiwarhe Tal-Igatpuri, Dist. Nashik-422 403	Order Reference: Verbal Discussion	
Sample Collected by	Laboratory	Sample Description / Type	Work Room Environment
Sampling Location	<b>Manufacturing (Loading &amp; Unloading Area)</b>	Date - Sampling	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#	Unit	Method
		TWA (8 h)		
Respirable Particulate Matter (RPM)	<b>0.17</b>	5#	mg/m <sup>3</sup>	NIOSH 0500
Suspended Particulate Matter (SPM)	<b>0.20</b>	15#	mg/m <sup>3</sup>	NIOSH 0500
Methylene Chloride	<b>ND</b>	-	mg/m <sup>3</sup>	NIOSH 1001
Toluene	<b>BDL (DL:0.1)</b>	375#	mg/m <sup>3</sup>	NIOSH 1501
Methanol	<b>ND</b>	260#	mg/m <sup>3</sup>	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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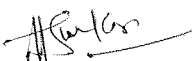


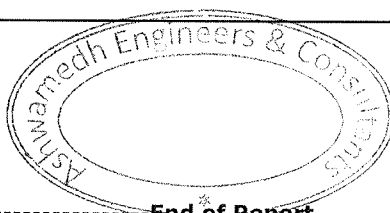
## WORK ROOM ENVIRONMENT MONITORING REPORT

Sample / Report No.	WR/12/18/1534	Report Date	22/12/2018
Name and Address of Customer	<b>Delta Finochem Pvt Ltd</b> Gat No. 350, Village-Wadiwarhe Tal-Igatpuri, Dist. Nashik-422 403	Order Reference: Verbal Discussion	
Sample Collected by	Laboratory	Sample Description / Type	Work Room Environment
Sampling Location	<b>Tank Foam Area</b>	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#	Unit	Method
		TWA (8 h)		
Methylene Chloride	ND	-	mg/m <sup>3</sup>	NIOSH 1001
Toluene	BDL (DL:0.1)	375#	mg/m <sup>3</sup>	NIOSH 1501
Methanol	ND	260#	mg/m <sup>3</sup>	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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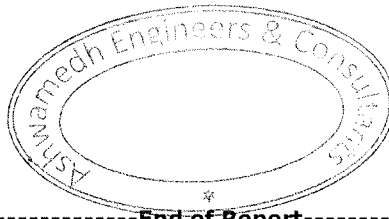


**NOISE LEVEL MEASUREMENT REPORT**

Sample / Report No.	N/12/18/04	Report Date	15/12/2018
Name and Address of Customer	<b>Delta Finochem Pvt. Ltd.</b> Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403		
Monitoring Done By	Laboratory	Sample Description /Type	<b>Ambient Noise</b>
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	IS 9876: 1981, CPCB Protocol for Ambient Level Noise Monitoring, July 2015 & Manufacturer Manual, WI/S/5/35 & 36, Issue No.3, Issue date 01.09.2016	
		2030	45		
2.	Near Production Block	1120	62		
		2035	47		
3.	Maintenance Department	1125	70		
		2040	62		
4.	Near Tank Farm	1130	62		
		2045	54		
<b>Limit</b>					
<b>As Per the Noise Pollution (Regulation &amp; Control ) Rules , 2000 (Rules 3 (1) and 4(1)</b>					
Area Type	Limits in dB (A) weighted scale				
	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a.m.)			
Industrial	75	70			

  
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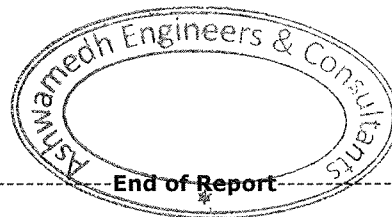
### TEST REPORT

Sample / Report No.	E/12/18/1560	Report Date	20/12/2018
Name and Address of Customer	<b>Delta Finochem Pvt. Ltd.</b> Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
Sample Collected by	Laboratory	Sample Description / Type	Untreated Trade Effluent
Sampling Location	ETP Inlet	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 <sup>nd</sup> 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	<b>8.15</b>	-	IS 3025 (Part 1):1983, Reaffirmed 2006
2	Total Suspended Solids	<b>118</b>	mg/L	IS 3025 (Part 17): 1984, Reaffirmed 2006, Amds.1
3	Biochemical Oxygen Demand (3 days, 27°C)	<b>1440</b>	mg/L	IS 3025 (Part 44): 1993, Reaffirmed 2009, Amds.1
4	Chemical Oxygen Demand	<b>15818</b>	mg/L	APHA, 22 <sup>nd</sup> Ed., 2012, 5220-B, 5-17
5	Oil & Grease	<b>BDL (DL:1)</b>	mg/L	APHA, 22 <sup>nd</sup> Ed., 2012, 5520-B, 5-40
6	Total Dissolved Solids	<b>2970</b>	mg/L	IS 3025(Part 16): 1984, Reaffirmed 2006, Ed.2.(1998-12)
7	Chloride (as Cl)	<b>374</b>	mg/L	IS 3025 (Part 32):1988, Reaffirmed 2009
8	Sulphate (as SO <sub>4</sub> )	<b>63.5</b>	mg/L	IS 3025 (Part 24): 1986, Reaffirmed 2009

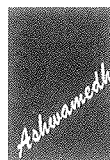
BDL: Below Detection Limit DL: Detection Limit

  
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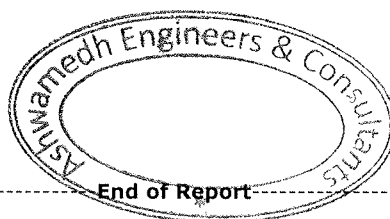
**TEST REPORT**

Sample / Report No.	E/12/18/1561	Report Date	20/12/2018
Name and Address of Customer	<b>Delta Finochem Pvt. Ltd.</b> Gat No. 350, Village-Wadiwarhe, Tal. Igatpuri, Dist. Nashik 422403 Maharashtra		
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 <sup>nd</sup> 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	<b>7.32</b>	5.5-9.0	-	IS 3025 (Part II):1983, Reaffirmed 2006
2	Total Suspended Solids	<b>12</b>	Not to exceed 100	mg/L	IS 3025 (Part 17):1984, Reaffirmed 2006, Amds.I
3	Biochemical Oxygen Demand (3 days, 27°C)	<b>14</b>	Not to exceed 30	mg/L	IS 3025 (Part 44):1993, Reaffirmed 2009, Amds.I
4	Chemical Oxygen Demand	<b>92</b>	Not to exceed 250	mg/L	APHA, 22 <sup>nd</sup> Ed., 2012, 5220-B, 5-17
5	Oil & Grease	<b>BDL (DL:1)</b>	Not to exceed 10	mg/L	APHA, 22 <sup>nd</sup> Ed., 2012, 5520-B, 5-40
6	Total Dissolved Solids	<b>301</b>	Not to exceed 2100	mg/L	IS 3025(Part 16):1984, Reaffirmed 2006, Ed.2.I(1999-12)
7	Chloride (as Cl)	<b>18.5</b>	Not to exceed 600	mg/L	IS 3025 (Part 32):1988, Reaffirmed 2009
8	Sulphate (as SO <sub>4</sub> )	<b>6.65</b>	Not to exceed 1000	mg/L	IS 3025 (Part 24):1986, Reaffirmed 2009

BDL: Below Detection Limit DL: Detection Limit

  
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