

ANNEXURE - B

Sadekar Enviro Engineers Pvt. Ltd.

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India
 ☎ (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

Gazetted By Ministry of Environment, Forest & Climate Change, Govt Of India, S. O. 857 (E), Valid upto 25.02.2023 * QCI-NABET Accredited EIA Consultancy
 Lab. accredited by **NABL**, Valid up to 26.03.2020 ★ Certified by ISO 9001:2015 & BS OHSAS 18001 : 2007

ANALYSIS REPORT FOR WORK PLACE SURVEILLANCE

Report Date 23/09/2019

Name of Client	M/s. Galaxy Surfactants Limited				
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.				
Order / Reference	4500100371 Dated 12.06.2019				
Date Of sampling	16/09/2019	Sample Receipt Date	17/09/2019		
Analysis Started on	18/09/2019	Analysis Completed On	23/09/2019		
Report No	SEETL/WR/09/19/320				
Sample Collected By	SEETL Representative				
Environmental Condition of Lab	Temperature (°C)	25.1	Humidity (%)	66	

*WORK PLACE AIR STATION

Location of H.V.S.	Powder Packing Room Area
Lateral Distance	-
Receptor Distance	1.5 Meters From Ground Level
Ambient Temperature	31
Humidity	81

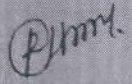
POLLUTIONAL PARAMETERS

Parameters	Result	Units	OHSAS Limits	Method
Total Particulate Matter	0.006	mg/m ³	15.00	IS 11255 Part 1-1985 Reaff.2014
SO ₂	<0.003	mg/m ³	13.00	IS 5182 (Part 2): 2001 (RA 2012)
Ammonia	<0.02	mg/m ³	35.00	Method 401, Methods of Air sampling and analysis 3 rd Edition
Formaldehyde	<0.02	mg/m ³	1.5	OSHA 52

- NOTE:** 1) The above results relate only to the condition prevailing at the time of sampling.
 2) The above results relate only to the item tested.
 3) *This parameter is not included in NABL scope.

Checked by
Nifesh Naik




 Authorized Signatory
 Priti Thombare



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LABORATORY : B-306/307, Plot No. 61, Patel Estate, Reis Magos, Verem, Alto, Old Belim Road, Bardez, Porvorim, Panaji-Goa-403 101,
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ANALYSIS TEST REPORT FOR STACK EMISSION

		Report Date	23/09/2019		
Name of Client	M/s. Galaxy Surfactants Limited				
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.				
Order / Reference	4500100371 Dated 12.06.2019				
Date Of sampling	16/09/2019	Sample Receipt Date	17/09/2019		
Analysis Started on	18/09/2019	Analysis Completed On	23/09/2019		
ULR No.	TC708619000001508P				
Report No	SEETL/ST/09/19/315				
Sample Collected By	SEETL Representative				
Environmental Condition of Lab		Temperature (°C)	25.1	Humidity (%)	66
DETAILS OF STACK					
Attached To	HAG				
Shape	Round				
Diameter (mm)	450				
Height From Ground Level (Mtr)	25 Mtr.				
Temperature (°C)	156				
Velocity of Flue Gases (m/sec)	4.38				
Volume of Flue Gases (m ³ /hour)	2506.52				
Type of Fuel	Furnace Oil				
POLLUTIONAL PARAMETERS					
Parameters	Result	Units	MPCB Limit	Method	
TPM	53	mg/Nm ³	150.00	IS 11255 Part 1-1985 Reaff.2014	
SO ₂	12	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014	
NO _x	17	mg/Nm ³	-	IS 11255 Part 7-2005 Reaff. 2012	
*O ₂	6.83	%	-	EPA Method-3A 1997	
*CO ₂	1.93	%	-	EPA Method-3A 1997	
<p>NOTE: 1) The above results relate only to the condition prevailing at the time of sampling. 2) The above results relate only to the item tested. 3) *This parameter is not included in NABL scope.</p>					
 Checked by Nilesch Naik				 Authorized Signatory Priti Thombare	

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Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.				
Order / Reference	4500100371 Dated 12.06.2019				
Date Of sampling	16/09/2019	Sample Receipt Date	17/09/2019		
Analysis Started on	18/09/2019	Analysis Completed On	23/09/2019		
ULR No.	TC708619000001509P				
Report No	SEETL/ST/09/19/316				
Sample Collected By	SEETL Representative				
Environmental Condition of Lab	Temperature (°C)	25.1	Humidity (%)	66	
DETAILS OF STACK					
Attached To	DG 250 KVA				
Shape	Round				
Diameter (mm)	150				
Height From Ground Level (Mtr)	6.0 Mtr. Above the roof				
Temperature (°C)	184				
Velocity of Flue Gases (m/sec)	13.49				
Volume of Flue Gases (m ³ /hour)	857.76				
Type of Fuel	HSD				
POLLUTIONAL PARAMETERS					
Parameters	Result	Units	MPCB Limit	Method	
TPM	41	mg/Nm ³	150.00	IS 11255 Part 1-1985 Reaff.2014	
SO ₂	5	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014	
NO _x	9	mg/Nm ³	-	IS 11255 Part 7-2005 Reaff. 2012	
*O ₂	13.55	%	-	EPA Method-3A 1997	
*CO ₂	2.87	%	-	EPA Method-3A 1997	
<p>NOTE: 1) The above results relate only to the condition prevailing at the time of sampling. 2) The above results relate only to the item tested. 3) *This parameter is not included in NABL scope.</p>					
 Checked by Nilesch Naik				 Authorized Signatory Priti Thombare	

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Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.				
Order / Reference	4500100371 Dated 12.06.2019				
Date Of sampling	16/09/2019	Sample Receipt Date	17/09/2019		
Analysis Started on	17/09/2019	Analysis Completed On	23/09/2019		
ULR No.	TC708619060001510P				
Report No	SEETL/ST/09/19/317				
Sample Collected By	SEETL Representative				
Environmental Condition of Lab	Temperature (°C)	25.1	Humidity (%)	66	
DETAILS OF STACK					
Attached To	Needle Plant Blower				
Shape	Round				
Diameter (mm)	150				
Height From Ground Level (Mtr)	15 Mtr.				
Temperature (°C)	32				
Velocity of Flue Gases (m/sec)	3.65				
Volume of Flue Gases (m ³ /hour)	232.09				
Type of Fuel	Electricity				
POLLUTIONAL PARAMETERS					
Parameters	Result	Units	MPCB Limit	Method	
TPM	39	mg/Nm ³	150.00	IS 11255 Part 1-1985 Reaff.2014	
SO ₂	ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014	
NO _x	ND	mg/Nm ³	-	IS 11255 Part 7-2005 Reaff. 2012	
*O ₂	ND	%	-	EPA Method-3A 1997	
*CO ₂	ND	%	-	EPA Method-3A 1997	
<p>NOTE: 1) The above results relate only to the condition prevailing at the time of sampling. 2) The above results relate only to the item tested. 3) *This parameter is not included in NABL scope. 4) ND- Not Detected.</p>					
 Checked by Nilesch Naik				 Authorized Signatory Priti Thombare	

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Date Of sampling	16/09/2019	Sample Receipt Date	17/09/2019		
Analysis Started on	17/09/2019	Analysis Completed On	23/09/2019		
ULR No.	TC708619000001511P				
Report No	SEETL/ST/09/19/318				
Sample Collected By	SEETL Representative				
Environmental Condition of Lab	Temperature (°C)	25.1	Humidity (%)	66	

DETAILS OF STACK

Attached To	SDP Plant Blower
Shape	Round
Diameter (mm)	150
Height From Ground Level (Mtr)	15 Mtr.
Temperature (°C)	32
Velocity of Flue Gases (m/sec)	4.59
Volume of Flue Gases (m ³ /hour)	291.86
Type of Fuel	Electricity

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	34	mg/Nm ³	150.00	IS 11255 Part 1-1985 Reaff.2014
SO ₂	ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO _x	ND	mg/Nm ³	-	IS 11255 Part 7-2005 Reaff. 2012
*O ₂	ND	%	-	EPA Method-3A 1997
*CO ₂	ND	%	-	EPA Method-3A 1997

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 4) ND- Not Detected.

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Order / Reference	4500100371 Dated 12.06.2019				
Date Of sampling	16/09/2019	Sample Receipt Date	17/09/2019		
Analysis Started on	17/09/2019	Analysis Completed On	23/09/2019		
ULR No.	TC708619000001512P				
Report No	SEETL/ST/09/19/319				
Sample Collected By	SEETL Representative				
Environmental Condition of Lab	Temperature (°C)	25.1	Humidity (%)	66	
DETAILS OF STACK					
Attached To	Spray Dryer (Powder Blower SDP Chimney)				
Shape	Round				
Diameter (mm)	520				
Height From Ground Level (Mtr)	25 Mtr.				
Temperature (°C)	89				
Velocity of Flue Gases (m/sec)	2.47				
Volume of Flue Gases (m ³ /hour)	1887.45				
Type of Fuel	Electricity				

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	47	mg/Nm ³	150.00	IS 11255 Part 1-1985 Reaff.2014
SO ₂	ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO _x	ND	mg/Nm ³	-	IS 11255 Part 7-2005 Reaff. 2012
*O ₂	ND	%	-	EPA Method-3A 1997
*CO ₂	ND	%	-	EPA Method-3A 1997

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4) ND- Not Detected.

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