



# Sadekar Enviro Engineers Pvt. Ltd.

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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 STACK EMISSION

Report No	SEETL/ST/12/18/348				
ULR No.	TC708618000000465F				
Report Date	25/12/2018				
Name of Client	M/s. Galaxy Surfactants Limited				
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra..				
Sample Collected By	SEETL Representative	Environmental Condition of Lab			
Date of sampling	19/12/2018	Temperature(°C)	25.0	Humidity (%)	47
Time of sampling	Day Time				
Reference	PO No. 4500088565 Dated-30.07.2018				

## DETAILS OF STACK

Attached To	HAG
Shape	Round
Diameter (mm)	450
Height From Ground Level (Mtr)	25 Mtr.
Temperature (°C)	154
Velocity of Flue Gases (m/sec)	4.10
Volume of Flue Gases (m <sup>3</sup> /hour)	2349.45
Type of Fuel	Furnace Oil

## POLLUTIONAL PARAMETERS

Parameters	Result	Unit	MPCB Limit	Method
Total Particulate Matter	54	mg/Nm <sup>3</sup>	150.00	IS 11255 Part 1-1985 Reaff.2014
SO <sub>2</sub>	3	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014

**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.

  
Checked by  
Nilesh Naik



  
Authorized Signatory  
Priti Thombare

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## ANALYSIS REPORT FOR STACK EMISSION

Report No	SEETL/ST/12/18/349		
ULR No.	TC708618000000466F		
Report Date	25/12/2018		
Name of Client	M/s. Galaxy Surfactants Limited		
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.		
Sample Collected By	SEETL Representative	Environmental Condition of Lab	
Date of sampling	19/12/2018	Temperature(°C)	25.0
		Humidity (%)	47
Time of sampling	Day Time		
Reference	PO No. 4500088565 Dated-30.07.2018		

### 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)	162
Velocity of Flue Gases (m/sec)	10.51
Volume of Flue Gases (m <sup>3</sup> /hour)	668.84
Type of Fuel	HSD

### POLLUTIONAL PARAMETERS

Parameters	Result	Unit	MPCB Limit	Method
Total Particulate Matter	25	mg/Nm <sup>3</sup>	150.00	IS 11255 Part 1-1985 Reaff.2014
SO <sub>2</sub>	2	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014

**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.

  
Checked by  
Nilesh Naik



  
Authorized Signatory  
Priti Thombare

## ANALYSIS REPORT FOR STACK EMISSION

Report No	SEETL/ST/12/18/350			
ULR No.	TC708618000000467F			
Report Date	25/12/2018			
Name of Client	M/s. Galaxy Surfactants Limited			
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.			
Sample Collected By	SEETL Representative	Environmental Condition of Lab		
Date of sampling	19/12/2018	Temperature(°C)	25.0	Humidity (%)   47
Time of sampling	Day Time			
Reference	PO No. 4500088565 Dated-30.07.2018			

### DETAILS OF STACK

Attached To	Needle Plant Blower
Shape	Round
Diameter (mm)	150
Height From Ground Level (Mtr)	15 Mtr.
Temperature (°C)	44
Velocity of Flue Gases (m/sec)	4.13
Volume of Flue Gases (m <sup>3</sup> /hour)	262.93
Type of Fuel	Electricity

### POLLUTIONAL PARAMETERS

Parameters	Result	Unit	MPCB Limit	Method
Total Particulate Matter	33	mg/Nm <sup>3</sup>	150.00	IS 11255 Part 1-1985 Reaff.2014
SO <sub>2</sub>	ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014

**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) ND- Not Detected.

  
Checked by  
Nilesch Naik



  
Authorized Signatory  
Priti Thombare

## ANALYSIS REPORT FOR STACK EMISSION

Report No	SEETL/ST/12/18/351		
ULR No.	TC708618000000468F		
Report Date	25/12/2018		
Name of Client	M/s. Galaxy Surfactants Limited		
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.		
Sample Collected By	SEETL Representative	Environmental Condition of Lab	
Date of sampling	19/12/2018	Temperature(°C)	25.0
Time of sampling	Day Time	Humidity (%)	47
Reference	PO No. 4500088565 Dated-30.07.2018		

### DETAILS OF STACK

Attached To	SDP Plant Blower
Shape	Round
Diameter (mm)	150
Height From Ground Level (Mtr)	15 Mtr.
Temperature (°C)	35
Velocity of Flue Gases (m/sec)	4.93
Volume of Flue Gases (m <sup>3</sup> /hour)	313.45
Type of Fuel	Electricity

### POLLUTIONAL PARAMETERS

Parameters	Result	Unit	MPCB Limit	Method
Total Particulate Matter	36	mg/Nm <sup>3</sup>	150.00	IS 11255 Part 1-1985 Reaff.2014
SO <sub>2</sub>	ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014

**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) ND- Not Detected.

Checked by  
Nilesh Naik



Authorized Signatory  
Priti Thombare

## ANALYSIS REPORT FOR STACK EMISSION

Report No	SEETL/ST/12/18/352			
ULR No.	TC708618000000469F			
Report Date	25/12/2018			
Name of Client	M/s. Galaxy Surfactants Limited			
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.			
Sample Collected By	SEETL Representative	Environmental Condition of Lab		
Date of sampling	19/12/2018	Temperature(°C)	25.0	Humidity (%) 47
Time of sampling	Day Time			
Reference	PO No. 4500088565 Dated-30.07.2018			

### 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)	105			
Velocity of Flue Gases (m/sec)	1.99			
Volume of Flue Gases (m <sup>3</sup> /hour)	1521.95			
Type of Fuel	Electricity			

### POLLUTIONAL PARAMETERS

Parameters	Result	Unit	MPCB Limit	Method
Total Particulate Matter	44	mg/Nm <sup>3</sup>	150.00	IS 11255 Part 1-1985 Reaff.2014
SO <sub>2</sub>	ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014

**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) ND- Not Detected.

Checked by  
Nilesh Naik



Authorized Signatory  
Priti Thombare