

CIN: U73100MH2009PTC195098

An Environmental Laboratory approved by MoEFCC.

vide Gazette Notification of India Sr. No. 857 (E) Dated February 26, 2018 valid up to 2023. 402 Purushottam Plaza, Baner Road, Pune- 411 045.

Tel. 020-46781028 E-mail: kleanlab@klean.org Website: www.klean.org

			TEST	Γ REPORT						
Test Report No 1903/S/0311						14.03.2019				
Name & Address of the Client M/s. GALAX PLOT NO.V-2			AXY SURFACTANTS LTD.,							
			-23, MID	C, TALOJA						
	PO Details	-								
			STAC	K DETAILS		EKILANI, S				
	Stack No		Sta	ck Attached to			Sa	mpling done by		
	-	BOILER -	I OIL FII	RE BOILER N	No.1-2.5 TP	PH (S-		Lab		
	Shape				Fuel Use	ed		FO/LDO		
Dia	ameter ( Mtr)	0.8		Dimens	sions ( Mtr)		L= ·	B=		
Height (Mtr) 33.3			C S Area (M2)			0.5024				
Sample collection Date Sample		ample receipt Date Ar		Analysi	Analysis start Date		Analysis complete Dat			
(	06.03.2019	08.03.2019		08.03.2019				14.03.2019		
	Sampling Proce	edure	As per KLRPL/QSP/22							
			Stack	Gas Details		6				
7	Γemperature (°C)	198	Velocity (M/S)				10.21			
Flo	ow Rate (Nm3/Hr)	11683.50								
S.No.	Parameter	·s	I	Method	Unit	Li	mit	Result		
1	Total Particulate Matter			255 (part 1) (RA 2014)	mg/Nm <sup>3</sup>	1.	50	117.52		
2	Sulphur-Di-Oxide		IS 11255 (part (RA 201		Kg/day	86	5.4	6.89		
3	Oxide of Nitrogen	IS 112		5 (part 7) 2005 RA 2017)	ppm		-	~ 7.45		
4	Carbon Dioxide		IS 3	307 : 1966	mg/m <sup>3</sup>			0.24		
			End o	of Test report						

BDL: -Below Detectable level & MDL: -Method detection limit.

Limit as per SPCB Consent

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			TEST REPORT		- D		
Test Report No 1903/S/0310			Jes III		Date		15.03.2019
M/s. Galax			SURFACTANTS LT	D.,			4
Name &	Address of the Client	PLOT NO.V-2	3, MIDC, TALOJA				
	PO Details						Ta-g
			STACK DETAIL	S			
1.	Stack No		Stack Attached	to		Sa	impling done by
			–II COAL BOILE N SEPERATOR +				Lab
	Shape	Round Fuel U					Coal
Dia	nmeter ( Mtr)	0.4	.4 Dimensio		.)	L=	B=
Н	eight (Mtr)	35	C	S Area (M2)			0.1256
Sample collection Date Sample		Sample receipt D	receipt Date Analysis star		start Date		ysis complete Date
07.03.2019 09.0		09.03.2019	09.03.2019 09.03.2				15.03.2019
	Sampling Proc	edure		As pe	er KLRF	L/QSP/2	2
	1 0		Stack Gas Details	S			
Т	emperature (°C)	189	Velocity ( M/S				9.76
Flo	ow Rate (Nm3/Hr)	2846.53					
S.No.	Paramete	rs	Method	Un	it	Limit	Result
1.	Total Particulate Matter		IS 11255 (part 1 1985 (RA 2014		lm <sup>3</sup>	150	125.18
2	Sulphur-Di-Oxide		IS 11255 (part 2) 1 (RA 2014)	985 Kg/c	lay	12	7.64
3	Oxide of Nitrogen		IS 11255 (part 7) 2 (RA 2017)				6.71
4	Carbon Dioxide		IS 307 : 1966	mg/	$m^3$	-	/ 0.23
5	Sulphates (Mg/L)		EPA Method	ppi	n		1.12
	Chloride (Mg/L)		FPA-26 A Metho	-26 A Method mg/Nm <sup>3</sup>			0.023

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			TEST I	REPORT					
	Test Report No	II.			Date	18.	03.2019		
M/s. GALAX			Y SURFACT	TANTS L	TD.,	,			
Name o	& Address of the Client	OU, MIDC.	, TALOJA						
PO Details -									
			STACK	DETAII	LS				
	Stack No	E	Stack	Attached	d to		Sampl	ing done by	
		Т	HERMOP	AC BOI	LER (S-3)			Lab	
	Shape	R	ound	Fuel Used FC				FO	
Dia	ameter ( Mtr)	0.4		Dimensions ( Mtr)			L=	B=	
Н	eight ( Mtr)	30.25		C S Area (M2)			0.1256		
Sample collection Date Sample receip		ample receipt I	Date Analysis start Date			Analysis	complete Date		
(	08.03.2019	11.03.2019	19 11.03.2019				18.	03.2019	
	Sampling Proce	dure	As per KLRPL/QSP/22						
			Stack G	as Detail	S			0	
Т	Temperature (°C)	180			Velocity ( N	M/S)	10.54		
Flo	ow Rate (Nm3/Hr)	3135.09							
S.No.	Parameter	's		Metho	od	Unit	Limit	Result	
1	Total Particulate Matter		IS 11255 (	(part 1)19	85 (RA 2014)	mg/Nn	150	_ 113.56	
2	Sulphur-Di-Oxide		IS 11255 (part 2) 1985 (RA 2014)		Kg/Da	y 155.52	- 4.27		
3	Oxide of Nitrogen		IS 11255 (part 7) 2005 (RA 2017)			ppm		BDL(MDL<2	
4	Carbon Dioxide			IS 307:	1966	mg/m		- 0.26	
			End of	Test repoi	t				

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			TEST R	EPURI				10.02.2010		
J	Test Report No 1903/S/0313			Date 18.03.2019						
	0.1 (31)	M/s. GALAX	Y SURFACT.	ANTS LT	D.,					
Vame &	Address of the Client	PLOT NO.V-2	23, MIDC, 7	ALOJA						
	PO Details									
NOT N		Manufaction (8)	STACK I	DETAIL	S					
	Stack No		Stack	Attached	to		Sa	mpling done by		
	-		SCRUBB	ER No.	l (S-4)			Lab		
	Shape	Re	ound		Fu	el Used		-		
Dia	meter ( Mtr)	0.6	1/	Din	nensions	(Mtr)	L= .	B=		
	eight ( Mtr)	30		С	S Area (	M2)		0.2826		
		Sample receipt Date		Analysis start Date			Analysis complete Da			
-	08.03.2019	11.03.2019		11.03.2019				18.03.2019		
	Sampling Proc	- SHADA TADAN SAN AND AND AND AND AND AND AND AND AND A	As per KLRPI					2		
	Sampling 1100	caure	Stack G	as Detail				1		
-	7 (00)	44	Velocity ( M/S)				7.55			
	Cemperature (°C)	7220.68								
	ow Rate (Nm3/Hr)		1	<b>1ethod</b>		Unit	Limit	Result		
S.No.	Paramete Total Particulate Matte		IS 11:	IS 11255 (part 1) 1985 (RA 2014)		mg/Nm <sup>3</sup>	150	22.12		
2	Sulphur-Di-Oxide		IS 11255 (part 2) 1985 (RA 2014)		ppm	50	BDL(MDL<1)			
3	Oxide of Nitrogen		IS 11255 (part 7) 2005 (RA 2017)		ppm		2.24			
4	Carbon Dioxide		IS 3	307:196	6	mg/m <sup>3</sup>	0.16			
5	Acid Mist		EP.	A Metho	d	ppm		10.52		
			End of	Test repo	ort					

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		1.20	TEST	REPORT	•				
	Test Report No	Date				18.03.2019			
Name & Address of the Client   M/s. GALAX   PLOT NO.EC			Y SURFAC	TANTS LT	D.,				
			OU, MIDC	, TALOJA					
	PO Details	-							
			STACK	DETAIL	S				
	Stack No		Stack	k Attached	to		Sa	ampling done by	
		П	SCRUB	BER NO.	2 (S-5)			Lab	
	Shape	F	Round		Fu	el Used			
Di	ameter ( Mtr)	0.6		Din	ensions	Mtr)	L=	B=	
Н	leight (Mtr)	30			S Area (		0.2826		
Sample collection Date Sample receipt		ample receipt	Date Analysis start Date			t Date	Analysis complete D		
(	09.03.2019	11.03.2019	11.03.2019 11.03.20		9		18.03.2019		
	Sampling Proce	edure			F	As per KLRI	PL/QSP/2	2	
			Stack C	as Details					
7	Γemperature (°C)	41	Velocity			ity ( M/S)		7.36	
Flo	ow Rate (Nm3/Hr)	7106.22							
S.No.	Parameter	rs		Method		Unit	Limit	Result	
1	Total Particulate Matter			1255 (part 5 (RA 201	/	mg/Nm <sup>3</sup>	150	29.25	
2	Sulphur-Di-Oxide			(part 2) 19 2014)	/	ppm	50	BDL(MDL<1)	
3	Oxide of Nitrogen		IS 11255	IS 11255 (part 7) 2005 (RA 2017)		ppm		BDL(MDL<2)	
4	Carbon Dioxide		IS.	307 : 1966	5	mg/m <sup>3</sup>		- 0.15	
5	Acid Mist		EP	EPA Method mg				- 13.54	
			End of	Test repor	t			1 1	

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			TEST I	REPORT					
	Test Report No				Date		18.03.2019		
Name & Address of the Client   M/s. GALA   PLOT NO.M			Y SURFAC	TANTS LTD.	2				
			ED, MIDC	, TALOJA					
	PO Details	-							
K. Tes			STACK	DETAILS	B. Pylet		THE P.		
	Stack No		Stack	Attached to	1		S	ampling done by	
			SCRUBE	BER NO.3 (S	S-6)			Lab	
	Shape	R	ound		Fuel Use	d		_	
Di	ameter ( Mtr)	0.6		Dimen	sions ( Mtr)		L=	B=	
	leight ( Mtr)	30		C S Area (M2)			0.2826		
		ample receipt D				Analysis complete			
							Anai	lysis complete Dat	
	09.03.2019	11.03.2019			03.2019			18.03.2019	
	Sampling Proce	dure	As per KLRPL/QSP/22						
			Stack G	as Details					
	Γemperature (°C)	45	Velocity (			1/S)		7.0	
Flo	ow Rate (Nm3/Hr)	6673.62			18				
S.No.	Parameter	s		thod	Unit	Lir	nit	Result	
1	Total Particulate Matter			5 (part 1) A 2014)	mg/Nm <sup>3</sup>	15	50	26.34	
2	Sulphur-Di-Oxide			part 2) 1985 2014)	ppm	50	0	BDL(MDL<1)	
3	Oxide of Nitrogen		IS 11255 (part 7) 2005 (RA 2017)		ppm	-		BDL(MDL<2)	
4	Carbon Dioxide		IS 307	: 1966	mg/m <sup>3</sup>			0.12	
5	Acid Mist		EPA N	Method	mg/Nm <sup>3</sup>		-	10.98	
5	Acid Mist		EPA N	10. 130.700.000.		/			

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			TEST	REPORT	Γ				
	Test Report No	1903/S/0345	5			Date	14	4.03.2019	
Name & Address of the Client PLOT NO.E			LAXY SURFACTANTS LTD.,						
			No.EOU, MIDC, TALOJA						
PO Details -									
			STAC	K DETAII	LS				
Stack No			Sta	ck Attached	d to		Samp	oling done by	
			D.G.SI	ET 1.9 MV	V (S-7)			Lab	
	Shape	Round Fuel Us				ed		FO	
Dia	ameter ( Mtr)	0.8				)	L= B=		
Н	leight ( Mtr)	45		C S Area (M2)			0.5024		
Sample collection Date Sample receip		ample receipt	ot Date Analysis start Date		e	Analysis	s complete Date		
(	06.03.2019	08.03.2019	08.03.2019				14	1.03.2019	
	Sampling Proce	dure			As pe	r KLRPL/	QSP/22		
9			Stack	Gas Detail	S				
Г	Temperature ( °C)	215	Velocity ( N			M/S) 10.80			
Flo	ow Rate (Nm3/Hr)	11928.12							
S.No.	Parameters	S		Method	i	Unit	Limit	Result	
1	Total Particulate Matter		IS 11255	(part 1)198	35 (RA 2014)	mg/Nm <sup>3</sup>	150	43.91	
2	Sulphur-Di-Oxide		IS 11255	(part 2) 198	85 (RA 2014)	Kg/day	810 _	- 4.37	
3	Oxide of Nitrogen		IS 11255 (part 7) 2005 (RA 2017)			ppm		BDL(MDL<2	
4	Carbon Dioxide			IS 307:19	966	mg/m <sup>3</sup>		0.25	
			End of	Test repor	rt				

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	-70		T	EST REPORT						
	Test Report No	1903/S/0312	2			Date	15.03.2019			
Name & Address of the Client M/s.		M/s. GALA	M/s. GALAXY SURFACTANTS LTD.,							
PLOT NO.			7-23, MID	C, TALOJA						
	PO Details	-								
			STA	CK DETAILS		HILL				
	Stack No		S	tack Attached to			Sa	ampling done by		
			D.G.S	ET 1000 KVA (	S-8)			Lab		
	Shape		Round		Fuel Used			HSD		
Di	iameter ( Mtr)	0.8	- N	Dimens	ions (Mtr)		L=	B=		
H	Height ( Mtr)	33		C S Area (M2)			0.5024			
ample collection Date Sa		1								
		sample receipt	ample receipt Date		Analysis start Date			Analysis complete Date		
07.03.2019 09.03.201		09.03.2019	09.03.2019					15.03.2019		
	Sampling Proce	edure	As per KLRPL/QSP/22							
		П	Stac	k Gas Details	*					
	Temperature (°C)	210	Velocity ( M/s			)	10.89			
Fle	ow Rate (Nm3/Hr)	12152.03								
S.No.	Parameter	°S		Method	Unit	Lir	nit	Result		
1	Total Particulate Matter	*		1255 (part 1) 35 (RA 2014)	mg/Nm³	15	50	49.36		
2	Sulphur-Di-Oxide		IS 11255 (part 2) 1985 (RA 2014)		Kg/day	81	.6	3.80		
3	Oxide of Nitrogen		IS 11255 (part 7) 2005 (RA 2017)		ppm	: <del>-</del> .		BDL(MDL<2)		
4	Carbon Dioxide		IS	307:1966	mg/m <sup>3</sup>	mg/m <sup>3</sup>		0.17		
			End	of Test report						

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