



Lab Approved by MoEF, New Delhi. Lab NABL Accredited - Chemical Field.

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STACK EMISSION MONITORING REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/AA/0921A
M/s Chasys Automotive Components Pvt. Ltd. Gatno41 Talegaon MIDC, Village Navla khumbare Tal. Maval, Dist, Pune -410507 Maharashtra INDIA	DATED	29/09/2016
	LAB REFERENCE NO	HS/LAB/AA/179A
	DATE OF SAMPLING	28/09/2016
	DATE OF ANALYSIS	28-29/09/2016

RESULTS OF ANALYSIS

SR. NO.	DESCRIPTION	UNIT	RESULT	STANDARDS
01	DATE OF SAMPLING	DD/MM/YY	28/09/2016	
02	TEST LOCATION		D.G. Set-1 (1010 KVA)	
03	TIME OF SAMPLING (00.00)	Hrs	11:00	
04	MATERIAL OF STACK		MS	
05	STACK HEIGHT FROM G.L.	Mtr	--	
06	TYPE OF STACK		Round	
07	FLUE GAS TEMPERATURE	Deg K	426	
08	DIFFERENTIAL PRESSURE	mm WG	2.9	
09	VELOCITY	M/Sec	7.03	
10	DIAMETER OF STACK	M	1.5	
11	STACK AREA	M ²	1.7663	
12	GAS VOLUME	NM ³ /Hr	31267.64	
13	PARTICULATE MATTER	mg/NM ³	59.76	150*
14	SO ₂	mg/NM ³	5.42	
	SO ₂	Kg/day	4.07	As per consent

Equipment Used: -1) Stack Monitoring Kit, Sr.No.14-B-85 (Ecotech model)

Date of Calibration:-07/03/2016 Next Calibration due:-06/03/2017

REMARK/OBSERVATIONS

NS – Not Specified

For **HORIZON SERVICES**



STACK EMISSION MONITORING REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/AA/0921A
M/s Chasys Automotive Components Pvt. Ltd. Gatno41 Talegaon MIDC, Village Navla khumbare Tal. Maval, Dist, Pune -410507 Maharashtra INDIA	DATED	29/09/2016
	LAB REFERENCE NO	HS/LAB/AA/179A
	DATE OF SAMPLING	28/09/2016
	DATE OF ANALYSIS	28-29/09/2016

RESULTS OF ANALYSIS

SR. NO.	DESCRIPTION	UNIT	RESULT	STANDARDS
01	DATE OF SAMPLING	DD/MM/YY	28/09/2016	
02	TEST LOCATION		Fiat Line	
03	TIME OF SAMPLING (00.00)	Hrs	11:30	
04	MATERIAL OF STACK		MS	
05	STACK HEIGHT FROM G.L.	Mtr	--	
06	TYPE OF STACK		Square	
07	FLUE GAS TEMPERATURE	Deg K	320	
08	DIFFERENTIAL PRESSURE	mm WG	5.3	
09	VELOCITY	M/Sec	8.24	
10	DIAMETER OF STACK	M	0.6	
11	STACK AREA	M ²	1.2	
12	GAS VOLUME	NM ³ /Hr	33135.46	
13	PARTICULATE MATTER	mg/NM ³	13.20	150*
14	SO ₂	mg/NM ³	3.12	
	SO ₂	Kg/day	2.48	As per consent

Equipment Used: -1) Stack Monitoring Kit, Sr.No.14-B-85 (Ecotech model)
 Date of Calibration:-07/03/2016 Next Calibration due:-06/03/2017

REMARK/OBSERVATIONS

NS – Not Specified

For **HORIZON SERVICES**



STACK EMISSION MONITORING REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/AA/0921A
M/s Chasys Automotive Components Pvt. Ltd. Gatno41TalegaonMIDC, Village Navla khumbare Tal. Maval,Dist, Pune -410507 Maharashtra INDIA	DATED	29/09/2016
	LAB REFERENCE NO	HS/LAB/AA/179A
	DATE OF SAMPLING	28/09/2016
	DATE OF ANALYSIS	28-29/09/2016

RESULTS OF ANALYSIS

SR. NO.	DESCRIPTION	UNIT	RESULT	STANDARDS
01	DATE OF SAMPLING	DD/MM/YY	28/09/2016	
02	TEST LOCATION		Cradel Line	
03	TIME OF SAMPLING (00.00)	Hrs	11:50	
04	MATERIAL OF STACK		MS	
05	STACK HEIGHT FROM G.L.	Mtr	--	
06	TYPE OF STACK		Square	
07	FLUE GAS TEMPERATURE	Deg K	314	
08	DIFFERENTIAL PRESSURE	mm WG	5.0	
09	VELOCITY	M/Sec	7.92	
10	DIAMETER OF STACK	M	0.6	
11	STACK AREA	M ²	1.2	
12	GAS VOLUME	NM ³ /Hr	32490.04	
13	PARTICULATE MATTER	mg/NM ³	8.73	150*
14	SO ₂	mg/NM ³	2.50	
	SO ₂	Kg/day	1.95	As per consent

Equipment Used: -1) Stack Monitoring Kit, Sr.No.14-B-85 (Ecotech model)

Date of Calibration:-07/03/2016 Next Calibration due:-06/03/2017

REMARK/OBSERVATIONS

NS – Not Specified

For **HORIZON SERVICES**



STACK EMISSION MONITORING REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/AA/0921A
M/s Chasys Automotive Components Pvt. Ltd. Gatno41TalegaonMIDC, Village Navla khumbare Tal. Maval,Dist, Pune -410507 Maharashtra INDIA	DATED	29/09/2016
	LAB REFERENCE NO	HS/LAB/AA/179A
	DATE OF SAMPLING	28/09/2016
	DATE OF ANALYSIS	28-29/09/2016

RESULTS OF ANALYSIS

SR. NO.	DESCRIPTION	UNIT	RESULT	STANDARDS
01	DATE OF SAMPLING	DD/MM/YY	28/09/2016	
02	TEST LOCATION		Axle Line RR	
03	TIME OF SAMPLING (00.00)	Hrs	12:45	
04	MATERIAL OF STACK		MS	
05	STACK HEIGHT FROM G.L.	Mtr	--	
06	TYPE OF STACK		Square	
07	FLUE GAS TEMPERATURE	Deg K	312	
08	DIFFERENTIAL PRESSURE	mm WG	5.8	
09	VELOCITY	M/Sec	8.51	
10	DIAMETER OF STACK	M	0.6	
11	STACK AREA	M ²	1.2	
12	GAS VOLUME	NM ³ /Hr	35104.82	
13	PARTICULATE MATTER	mg/NM ³	15.27	150*
14	SO ₂	mg/NM ³	3.64	
	SO ₂	Kg/day	3.07	As per consent

Equipment Used: -1) Stack Monitoring Kit, Sr.No.14-B-85 (Ecotech model)
 Date of Calibration:-07/03/2016 Next Calibration due:-06/03/2017

REMARK/OBSERVATIONS

NS – Not Specified

For **HORIZON SERVICES**



AMBIENT NOISE MONITORING REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/AA/0921A
M/s Chasys Automotive Components Pvt. Ltd. Gatno41TalegaonMIDC, Village Navla khumbare Tal. Maval,Dist, Pune -410507 Maharashtra INDIA	DATED	29/09/2016
	DATE OF SURVEY	27/09/2016
	TIME OF SURVEY	11:20 Hrs

RESULTS (Day Time)

SR. NO.	TEST LOCATION	UNIT dB(A)	READINGS	MPCB LIMITS
01	Near Main Gate	dB(A)	52.3	55
02	Near Canteen	dB(A)	53.2	55
03	Back Side	dB(A)	50.3	55
04	Near Reception office	dB(A)	53.8	55
05	Near Fiat Line Blower	dB(A)	54.1	55
06	Near Cradel Line	dB(A)	53.7	55
07	Near Axle Line RR	dB(A)	53.9	55

Calibration Details:

Instrument Used: Digital Sound Level Meter (N520311)

Make. HTC Instruments

Calibration Date: 20/04/2016

Next Calibration Due: 19/04/2017

REMARK/OBSERVATIONS

Noise monitoring readings ARE WELL WITHIN the limits prescribed by MPCB.

For **HORIZON SERVICES**



WORKZONE NOISE MONITORING REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/AA/0921A
M/s Chasys Automotive Components Pvt. Ltd. Gatno41 Talegaon MIDC, Village Navla khumbare Tal. Maval, Dist, Pune -410507 Maharashtra INDIA	DATED	29/09/2016
	DATE OF SURVEY	27/09/2016
	TIME OF SURVEY	11:40 Hrs

RESULTS (Day Time)

SR. NO.	TEST LOCATION	UNIT dB(A)	READINGS	FACTORIES ACT LIMITS
01	Near A060-RR Axel Facing M/C	dB(A)	82.3	90
02	Near Incoming Inspection	dB(A)	78.5	90
03	A010/A020 FLCA Welding assay	dB(A)	84.6	90
04	Machine A50A	dB(A)	80.6	90
05	Machine A25	dB(A)	81.4	90

Calibration Details:

Instrument Used: Digital Sound Level Meter (N520311)

Make. HTC Instruments

Calibration Date: 20/04/2016

Next Calibration Due: 19/04/2017

REMARK/OBSERVATIONS

Noise monitoring readings ARE WELL WITHIN the limits prescribed by MPCB.

For **HORIZON SERVICES**



ILLUMINATION SURVEY REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/AA/0921A
M/s Chasys Automotive Components Pvt. Ltd. Gatno41 Talegaon MIDC, Village Navla khumbare Tal. Maval, Dist, Pune -410507 Maharashtra INDIA	DATED	29/09/2016
	DATE OF SURVEY	27/09/2016
	TIME OF SURVEY	12:40 Hrs

INTENSITY OF LIGHT

SR.NO.	TEST LOCATION	UNIT	READING	Minimum Intensity Of Illumination in Lux
01	Near A060-RR Axel Facing M/C	Lux	860	100
02	Near Incoming Inspection	Lux	1260	200
03	A010/A020 FLCA Welding assay	Lux	780	200
04	Machine A50A	Lux	920	100
05	Machine A25	Lux	800	100

Calibration Details:

Instrument Used: Digital Lux Meter Sr. No. Q844846

Make: LUTRON

Calibration Date: 30/04/2016 Next Calibration Due: 29/04/2017

Remarks: Standards are given as per Maharashtra Factories Rules 1963.

For **HORIZON SERVICES**



TEMPERATURE AND HUMIDITY MONITORING REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/AA/0921A
M/s Chasys Automotive Components Pvt. Ltd. Gatno41 Talegaon MIDC, Village Navla khumbare Tal. Maval, Dist, Pune -410507 Maharashtra INDIA	DATED	29/09/2016
	DATE OF SURVEY	27/09/2016
	TIME OF SURVEY	12:40 Hrs

RESULTS

SR. NO.	TEST LOCATION	READINGS (Temperature)	Humidity (%)	OPERATING CONDITION
1.	Near A060-RR Axel Facing M/C	28.5	65	
2.	Near Incoming Inspection	30.4	65	In Operation
3.	A010/A020 FLCA Welding assy	28.0	66	In Operation
4.	Machine A50A	30.1	68	In Operation
5.	Machine A25	29.5	65	In Operation

REMARK/OBSERVATIONS

Monitoring results are well within the limit prescribed by Factories Act Limits.

For **HORIZON SERVICES**



NOISE MONITORING REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/AA/0921A
M/s Chasys Automotive Components Pvt. Ltd. Gatno41 Talegaon MIDC, Village Navla khumbare Tal. Maval, Dist, Pune -410507 Maharashtra INDIA	DATED	29/09/2016
	DATE OF MONITORING	28/09/2016
	TIME OF MONITORING	11:10 Hrs

RESULTS

SR. NO.	TEST LOCATION	UNIT dB(A)	RESULTS		Insertion Loss
			Door Open	AROUND D.G. SET AT 0.5 MTRAWAY DOOR CLOSED	
	D.G. SET (1010 KVA)				
1.	NORTH SIDE	dB(A)	100.1	74.3	25.8
2.	SOUTH SIDE	dB(A)	100.3	72.5	27.8
3.	EAST SIDE	dB(A)	100.5	73.6	26.9
4.	WEST SIDE	dB(A)	100.4	74.5	25.9
5.	AVERAGE	dB(A)	100.3	73.7	26.6

Calibration Details:

Instrument Used: Digital Sound Level Meter (N520311)

Make. HTC Instruments

Calibration Date: 20/04/2016

Next Calibration Due: 19/04/2017

***Standards are given as per CPCB notification no.G.S.R. 371(E) dated 17 may 2002.**

For **HORIZON SERVICES**