18, 92nd Street, Ashok Nagar, Chennai - 600 083.

Ph: 42985555 Fax: 42985500 E-mail: labsales@hecs.in

Laboratory Services Division

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Report No. : HECSL/A/001/281017

TEST REPORT

Page: 1 of 1

Name of the Client

: M/s. Strides Shasun Limited.,

Addrerss of the Client

: A1/B Sipcot Industrial Cuddalore,

Kudikadu,

Cuddalore-607 005.

Sample Description

: Ambient Air Quality

Sampling Location

: Top Of the Admin Building-(North) : Hubert Enviro Care Systems Pvt Ltd

Sample Drawn By Sampling/received Date

: 27/10/2017

Analysis Commenced On : 28/10/2017

-28/10/2017

Completed On :06/11/2017

Report Date: 06/11/2017

S.No	Parameters	Units	Results Obtained	Test Method	NAAQ Standards: 2009	
1	Sulphur Dioxide	μg/m³	12.08	IS: 5182 (P-2):2001 (Reaff: 2006)	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	μg/m³	23.84	IS: 5182 (P-6):2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 μm	μg/m³	45.27	IS: 5182 (P-23):2006	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 μm	. μg/m³	22.59	HECS/AIR/Ambient/SOP011	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m³	BDL(DL 0.005)	IS:5182 (P-10)1999(Reaff:2003)	4 (1 hours)	2 (8 hours)
6	Lead	μg/m³	BDL(DL 0.05)	IS: 5182 (P-22):2004(Reaff:2009)	1 (24 hours)	0.5 (Annual)
7	Ozone	μg/m³	BDL(DL 10)	HECS/AIR/Ambient/SOP013	180 (1 hours)	100 (8 hours)
8	Ammonia	μg/m³	BDL(DL 5)	HECS/AIR/Ambient/SOP012	400 (24 hours)	100 (Annual)
9	Benzene	μg/m³	BDL(DL1)	IS: 5182(P-11):2006(RA:2009)	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	ng/m³	BDL(DL1)	IS: 5182 (P-12):2004(RA:2009)	1 (Annual)	1 (Annual)
11	Arsenic	ng/m³	BDL(DL 1)	HECS/AIR/Ambient/SOP014	6 (Annual)	
12	Nickel	ng/m³	BDL(DL 5)	HECS/AIR/Ambient/SOP007	20 (Annual)	6 (Annual)

ection Limit, D.L- Detection Limit, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

End of Report



C.P. SIVARAMAN Laboratory Manager

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TEST REPORT

Page: 1 of 1

Name of the Client

: M/s. Strides Shasun Limited.,

Report No. : HECSL/A/002/281017

Addrerss of the Client

: A1/B Sipcot Industrial Cuddalore, Kudikadu,

Report Date: 06/11/2017

Cuddalore-607 005.

Sample Description Sampling Location

: Ambient Air Quality : Top Of the R&D Block-(South)

Sample Drawn By

: Hubert Enviro Care Systems Pvt Ltd

Sampling/received Date

: 27/10/2017 -28/10/2017

Analysis Commenced On : 28/10/2017

Completed On: 06/11/2017

S.No	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dloxide	μg/m³	12.76	IS: 5182 (P-2):2001 (Reaff:2006)	80 (21 hours)	50 (Annual)
2	Nitrogen Dioxide	μg/m³	26.41	IS: 5182 (P-6):2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 μm	μg/m³	58.11	IS: 5182 (P-23):2006	100 (21 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 µm	μg/m³	25.63	HECS/AIR/Ambient/SOP011	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m³	BDL(DL 0.005)	IS: 5182 (P-10)1999(Reaff:2003)	4 (I hours)	2 (8 hours)
6	Lend	րե/յու	BDL(DL0.05)	IS: 5182 (P-22):2004(Reaff:2009)	1 (24 hours)	0.5 (Annual)
7	Ozone	μg/m³	BDL(DL 10)	HECS/AIR/Ambient/SOP013	180 (1 hours)	100 (8 hours)
8	Ammonia	μg/m³	BDL(DL5)	HECS/AIR/Ambient/SOP012	400 (24 hours)	100 (Annual)
9	Bénzene	μg/m³	BDL(DL1)	IS: 5182(P-11):2006(RA:2009)	5 (Annual)	5 (Annual)
10	Βεήπο(α)ργιτής	ng/m³	RDF(DF 1)	IE: 5182 (P=12).2004(RA.2009)	I ('Annual)	I (Annual)
11	Arsenic	ng/m²	BDL(DL 1)	HECS/AIR/Ambient/SOP014	6 (Annual)	6 (Annual)
12	Nickel	ng/m³	BDL(DL5)	HECS/AIR/Ambient/SOP007	20 (Annual)	20 (Annual)

Note:-BDL - Below Detection Limit, D.L- Detection Limit, µg/m³- Micrograms per cubic meter, mg/m3- Milligrams per cubic meter, ng/m3- Nanograms per cubic meter.

End of Report



C.P. SIVARAMAN Laboratory Manager

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TEST REPORT

Page: 1 of 1

Name of the Client

: M/s. Strides Shasun Limited.,

Report No. : HECSL/A/003/281017

Addrerss of the Client

: A1/B Sipcot Industrial Cuddalore,

Report Date: 06/11/2017

Kudikadu,

Cuddalore-607 005.

Sample Description

: Ambient Air Quality : Top Of the STP Area-(East)

Sampling Location

: Hubert Enviro Care Systems Pvt Ltd

Sample Drawn By Sampling/received Date

: 27/10/2017 -28/10/2017

Analysis Commenced On : 28/10/2017

Completed On: 06/11/2017

S.No	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	μg/m³	12.93	IS:5182(P-2):2001(Reaff:2006)	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	μg/m³	24.85	IS: 5182 (P-6):2006	80 (24 hours)	40 (Annual)
3 .	Particulate Matter Size Less than 10 μm	μg/m³	53.20	IS: 5182 (P-23):2006	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 μm	μg/m³	26.73	HECS/AIR/Ambient/SOP011	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m³	BDL(DL 0.005)	IS: 5182 (P-10)1999(Reaff:2003)	4 (1 hours)	2 (8 hours)
6	Lead	μg/m³	BDL(DL 0.05)	IS: 5182 (P-22):2004(Reaff:2009)	1 (24 hours)	0.5 (Annual)
7	Ozone	μg/m³	BDL(DL 10)	HECS/AIR/Ambient/SOP013	180 (1 hours)	100 (8 hours)
8	Ammonia	μg/m³	BDL(DL5)	HECS/AIR/Ambient/SOP012	400 (24 hours)	100 (Annual)
9	Benzene	μg/m³	BDL(DL1)	IS: 5182(P-11):2006(RA:2009)	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	ng/m³	BDL(DL1)	IS: 5182 (P-12):2004(RA:2009)	1 (Annual)	1 (Annual)
11	Arsenic	ng/m³	BDL(DL1)	HECS/AIR/Ambient/SOP014	6 (Annual)	6 (Annual)
12	Nickel	ng/m³	BDL(DL 5)	HECS/AIR/Ambient/SOP007	20 (Annual)	20 (Annual)

Note:-BDL - Below Detection Limit, D.L- Detection Limit, $\mu g/m^3$ - Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

End of Report





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TEST REPORT

Page: 1 of 1

Name of the Client

: M/s. Strides Shasun Limited.,

Report No. : HECSL/A/004/281017

Addrerss of the Client

: A1/B Sipcot Industrial Cuddalore,

Report Date: 06/11/2017

.

Cuddalore-607 005.

Kudikadu,

Sample Description

: Ambient Air Quality : Top Of the Activated Carbon Shed

Sampling Location Sample Drawn By

: Hubert Enviro Care Systems Pvt Ltd

Sampling/received Date

: 27/10/2017 -28/10/2017

Analysis Commenced On : 28/10/2017

Completed On: 06/11/2017

S.No	Parameters	Units	Results Obtained	Test Method	NAAQ Standards: 2009	
1	Sulphur Dioxide	μg/m³	13.14	IS:5182(P-2):2001(Reaff:2006)	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	μg/m³	23.47	IS: 5182 (P-6):2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 μm	μg/m³	47.85	IS: 5182 (P-23):2006	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 μm	μg/m³	25.42	HECS/AIR/Ambient/SOP011	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m³	BDL(DL 0.005)	IS: 5182 (P-10) 1999(Reaff:2003)	4 (1 hours)	2 (8 hours)
6	Lead	μg/m³	BDL(DL 0.05)	IS: 5182 (P-22):2004(Reaff:2009)	1 (24 hours)	0.5 (Annual)
7	Ozone	μg/m³	BDL(DL 10)	HECS/AIR/Ambient/SOP013	180 (1 hours)	100 (8 hours)
8	Ammonia	μg/m³	BDL(DL 5)	HECS/AIR/Ambient/SOP012	400 (24 hours)	100 (Annual)
9	Benzene	μg/m³	BDL(DL1)	IS: 5182(P-11):2006(RA:2009)	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	ng/m³	BDL(DL1)	IS: 5182 (P-12):2004(RA:2009)	1 (Annual)	1 (Annual)
11	Arsenic	ng/m³	BDL(DL1)	HECS/AIR/Ambient/SOP014	6 (Annual)	6 (Annual)
12	Nickel	ng/m³	BDL(DL5)	HECS/AIR/Ambient/SOP007	20 (Annual)	20 (Annual)

Note:-BDL - Below Detection Limit, D.L- Detection Limit, μg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

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