

Hubert Enviro Care Systems (P) Ltd.

18, 92nd Street, Ashok Nagar,

Chennai - 600 083.

Ph: 42985555 Fax : 42985500

E-mail : labsales@hecs.in

Laboratory Services Division

Accredited by NABL in the fields
of Chemical & Biological Testing
Recognized by MoEF.

FSSAI Notified Laboratory

ISO 9001, 14001 & OHSAS 18001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Strides Shasun Limited.,
Address 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)
Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd
Sampling/received Date : 27/10/2017 -28/10/2017
Analysis Commenced On : 28/10/2017

Report No. : HECSL/A/001/281017

Report Date : 06/11/2017

Completed On :06/11/2017

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

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

End of Report



C.P. Sivaraman
Authorized Signatory

C . P. SIVARAMAN
Laboratory Manager

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Name of the Client : M/s. Strides Shasun Limited.,
Address of the Client : A1/B Sipcot Industrial Cuddalore,
Kudikadu,
Cuddalore-607 005.

Report No. : HECSL/A/002/281017

Report Date : 06/11/2017

Sample Description : Ambient Air Quality
Sampling Location : 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 Dioxide	$\mu\text{g}/\text{m}^3$	12.76	IS: 5182 (P-7):2001 (Reaff:2006)	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	26.41	IS: 5182 (P-6):2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 μm	$\mu\text{g}/\text{m}^3$	58.11	IS: 5182 (P-23):2006	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 μm	$\mu\text{g}/\text{m}^3$	25.63	HECS/AIR/Ambient/SOP011	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m^3	BDL(DL 0.005)	IS: 5182 (P-10)1999(Reaff:2003)	4 (1 hours)	2 (8 hours)
6	Lead	$\mu\text{g}/\text{m}^3$	BDL(DL 0.05)	IS: 5182 (P-22):2004(Reaff:2009)	1 (24 hours)	0.5 (Annual)
7	Ozone	$\mu\text{g}/\text{m}^3$	BDL(DL 10)	HECS/AIR/Ambient/SOP013	180 (1 hours)	100 (8 hours)
8	Ammonia	$\mu\text{g}/\text{m}^3$	BDL(DL 5)	HECS/AIR/Ambient/SOP012	400 (24 hours)	100 (Annual)
9	Benzene	$\mu\text{g}/\text{m}^3$	BDL(DL 1)	IS: 5182 (P-11):2006(RA:2009)	5 (Annual)	5 (Annual)
10	Benz(a)pyrene	ng/m^3	BDL(DL 1)	IS: 5182 (P-12):2004(RA:2009)	1 (Annual)	1 (Annual)
11	Arsenic	ng/m^3	BDL(DL 1)	HECS/AIR/Ambient/SOP014	6 (Annual)	6 (Annual)
12	Nickel	ng/m^3	BDL(DL 5)	HECS/AIR/Ambient/SOP007	20 (Annual)	20 (Annual)

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

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Name of the Client : M/s. Strides Shasun Limited.,
Address of the Client : A1/B Sipcot Industrial Cuddalore,
Kudikadu,
Cuddalore-607 005.
Sample Description : Ambient Air Quality
Sampling Location : Top Of the STP Area-(East)
Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd
Sampling/received Date : 27/10/2017 -28/10/2017
Analysis Commenced On : 28/10/2017

Report No. : HECSL/A/003/281017
Report Date : 06/11/2017

Completed On :06/11/2017

S.No	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	µg/m ³	12.93	IS : 5182 (P-2):2001(Reaff:2006)	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	µg/m ³	24.85	IS: 5182 (P-6):2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 µm	µg/m ³	53.20	IS: 5182 (P-23):2006	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 µm	µg/m ³	26.73	HECS/AIR/Ambient/SOP011	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m ³	BDL(DL 0.005)	IS : 5182 (P-10)1999(Reaff:2003)	4 (1 hours)	2 (8 hours)
6	Lead	µg/m ³	BDL(DL 0.05)	IS: 5182 (P-22):2004(Reaff:2009)	1 (24 hours)	0.5 (Annual)
7	Ozone	µg/m ³	BDL(DL 10)	HECS/AIR/Ambient/SOP013	180 (1 hours)	100 (8 hours)
8	Ammonia	µg/m ³	BDL(DL 5)	HECS/AIR/Ambient/SOP012	400 (24 hours)	100 (Annual)
9	Benzene	µg/m ³	BDL(DL 1)	IS: 5182 (P-11):2006(RA:2009)	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	ng/m ³	BDL(DL 1)	IS: 5182 (P-12):2004(RA:2009)	1 (Annual)	1 (Annual)
11	Arsenic	ng/m ³	BDL(DL 1)	HECS/AIR/Ambient/SOP014	6 (Annual)	6 (Annual)
12	Nickel	ng/m ³	BDL(DL 5)	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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Name of the Client : M/s. Strides Shasun Limited.,
Address of the Client : A1/B Sipcot Industrial Cuddalore,
Kudikadu,
Cuddalore-607 005.
Sample Description : Ambient Air Quality
Sampling Location : Top Of the Activated Carbon Shed
Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd
Sampling/received Date : 27/10/2017 -28/10/2017
Analysis Commenced On : 28/10/2017

Report No. : HECSL/A/004/281017
Report Date : 06/11/2017

Completed On : 06/11/2017

S.No	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	$\mu\text{g}/\text{m}^3$	13.14	IS : 5182 (P-2):2001(Reaff:2006)	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	23.47	IS: 5182 (P-6):2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 μm	$\mu\text{g}/\text{m}^3$	47.85	IS: 5182 (P-23):2006	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 μm	$\mu\text{g}/\text{m}^3$	25.42	HECS/AIR/Ambient/SOP011	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m^3	BDL(DL 0.005)	IS : 5182 (P-10) 1999(Reaff:2003)	4 (1 hours)	2 (8 hours)
6	Lead	$\mu\text{g}/\text{m}^3$	BDL(DL 0.05)	IS: 5182 (P-27):2004(Reaff:2009)	1 (24 hours)	0.5 (Annual)
7	Ozone	$\mu\text{g}/\text{m}^3$	BDL(DL 10)	HECS/AIR/Ambient/SOP013	180 (1 hours)	100 (8 hours)
8	Ammonia	$\mu\text{g}/\text{m}^3$	BDL(DL 5)	HECS/AIR/Ambient/SOP012	400 (24 hours)	100 (Annual)
9	Benzene	$\mu\text{g}/\text{m}^3$	BDL(DL 1)	IS: 5182 (P-11):2006(RA:2009)	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	ng/m^3	BDL(DL 1)	IS: 5182 (P-12):2004(RA:2009)	1 (Annual)	1 (Annual)
11	Arsenic	ng/m^3	BDL(DL 1)	HECS/AIR/Ambient/SOP014	6 (Annual)	6 (Annual)
12	Nickel	ng/m^3	BDL(DL 5)	HECS/AIR/Ambient/SOP007	20 (Annual)	20 (Annual)

Note:-BDL - Below Detection Limit, D.L- Detection Limit, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter,
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