



ENVIROCHECK

Laboratory Recognised by Ministry of Environment, Forest & Climate Change (Govt. of India), WBPCB & OSPCB.
 ISO 9001 : 2015, ISO 14001:2004 & OHSAS 18001:2007 Certified Laboratory
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NOISE LEVEL STUDY

ANNEXURE - 1

I.	Name of the Industry/Factory/Company	:	Foundry Cluster Development Association (F.C.D.A)
II.	Address	:	Ranihati, Amta Road, District - Howrah
III.	Date of Sampling	:	25/09/2017
IV.	Reporting Date	:	07/10/2017
V.	Report No	:	167/EC/M/17-18
VI.	Method No	:	IS: 9989 - 1981
VII.	Time of Duration of Noise	:	20 Minutes
VIII.	Height from Ground Level	:	4 feet
IX.	Type of Industry	:	Foundry Park
X.	Sample Monitoring by	:	Mr. Sujay Dasgupta

RESULT OF NOISE LEVEL STUDY

DAY TIME

1. Location of Study		: Near Office	
Time (A.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
11:00 - 11:20	60.5	70.4	63.80

NIGHT TIME

2. Location of Study		: Near Office	
Time (P.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
10:00 - 10:20	49.6	51.6	50.72

DAY TIME

3. Location of Study		: Near WW # I	
Time (A.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
11:30 - 11:50	63.2	66.1	64.80

NIGHT TIME

4. Location of Study		: Near WW # I	
Time (P.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
10:30 - 10:50	42.2	44.5	43.12

DAY TIME

5. Location of Study : Near WW # II			
Time (P.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
12:00 - 12:20	63.9	65.5	64.18

NIGHT TIME

6. Location of Study : Near WW # II			
Time (P.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
11:00 - 11:20	40.8	43.3	41.20

**** Mean of L_{eq} - Equivalent to Sound Energy
 Limit in Leq dB(A)**

Category Area	Day Time dB(A)	Night Time dB(A)
A. Industrial Area	75	70
B. Commercial Area	65	55
C. Residential Area	55	45
D. Silence Zone	50	40

****Day Time is reckoned in between
 6:00 A.M & 10:00 P.M**

****Night Time is reckoned in between
 10:00 P.M & 6:00 A.M**

**(Central Pollution Control Board, Ministry of Environment & Forests Government of India) &
 (Department of Environment, Government of West Bengal)**

PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS

Hours	Limit in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/4	105
1/8	108
1/16	111
1/32	114
(2 minutes or less)	-

Date: 07/10/2017

Authorized Signatory with Stamp


