



NOISE LEVEL STUDY

Annexure - 1

I.	Name of the Industry/Factory/Company	:	Foundry Cluster Development Association (F.C.D.A)
II.	Address	:	Domjur, Amta Road, District - Howrah
III.	Date of Sampling	:	16/09/2016
IV.	Reporting Date	:	18/09/2016
V.	Report No	:	132/EC/M/16-17
VI.	Method No	:	IS:10988-1984
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. Kuntal Saha

RESULT OF NOISE LEVEL STUDY

DAY TIME

1. Location of Study : Near Office

Time (P.M)	dB(A) (Noise Data)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
12:00 - 12:20	65.2	64.1	67.1	65.74
	64.7			
	66.3			
	67.1			
	65.5			
	64.5			
	66.3			
	64.1			
	65.9			
	66.8			

DAY TIME

2. Location of Study : Near WW#1

Time (P.M)	dB(A) (Noise Data)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
12:30 - 12:50	56.1	55.2	60.2	58.30
	58.3			
	55.2			
	59.7			
	57.3			
	60.2			
	57.7			
	59.3			
	57.7			
	59.0			



RESULT OF NOISE LEVEL STUDY

DAY TIME

3. Location of Study : Near WW#2

Time (P.M)	dB(A) (Noise Data)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
1:00 - 1:20	55.3	55.3	60.3	58.02
	57.7			
	59.3			
	56.3			
	60.3			
	56.6			
	58.3			
	56.9			
	57.7			
	59.3			

** Mean of L_{eq} - Equivalent to Sound Energy

Limit in L_{eq} 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: 30/09/2016

Authorized Signatory with Stamp

