



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO14001:2015 & OHSAS 18001:2007



FORMAT NO. : ENV/FM/58

TEST REPORT

1.	Name of the Industry / Project	:	Himadri Specialty Chemicals Limited (Carbon Black Division)
2.	Address	:	P.O. & P.S. - Haripal, District - Hoogly, Pin - 712323
3.	Type of Industry	:	Chemical Plant
4.	Sampling Plan & Procedure	:	ENV/SOP/01
5.	Deviation from the Sampling Method & Plan	:	No
6.	Type of Sample	:	Noise
7.	Sample ID	:	ENV/03/Nov/N
8.	Report ID	:	ENV/03/Nov/N/20-21
9.	Date of Study	:	10/11/2020
10.	Reporting Date	:	13/11/2020
11.	Method No.	:	IS: 9989 - 1981
12.	Time of Duration of Noise	:	20 Minutes
13.	Height from Ground Level	:	4 feet
14.	Sample Monitored By	:	Mr. Partha Sarathi Nandi

RESULTS OF NOISE LEVEL STUDY

DAY TIME

1.	Location of Study	:	Reactor Area				
	Time (P.M)		Minimum dB(A)		Maximum dB(A)		Leq dB(A)
	12:15 - 12:35		70.6		75.5		72.50

NIGHT TIME

2.	Location of Study	:	Reactor Area				
	Time (A.M)		Minimum dB(A)		Maximum dB(A)		Leq dB(A)
	12:15 - 12:35		62.4		66.7		63.89

DAY TIME

3.	Location of Study	:	Compressor Area				
	Time (P.M)		Minimum dB(A)		Maximum dB(A)		Leq dB(A)
	12:40 - 1:00		71.4		75.5		73.20

NIGHT TIME

4.	Location of Study	:	Compressor Area				
	Time (A.M)		Minimum dB(A)		Maximum dB(A)		Leq dB(A)
	12:40 - 1:00		63.5		67.6		64.89

DAY TIME

5.	Location of Study	:	Dryer Area				
	Time (P.M)		Minimum dB(A)		Maximum dB(A)		Leq dB(A)
	1:05 - 1:25		71.5		75.4		73.50

NIGHT TIME

6.	Location of Study	:	Dryer Area				
	Time (A.M)		Minimum dB(A)		Maximum dB(A)		Leq dB(A)
	1:05 - 1:25		60.6		64.5		63.28

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DAY TIME			
7. Location of Study		: Packing Area	
Time (P.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
1:30 - 1:50	64.5	69.6	66.21
NIGHT TIME			
8. Location of Study		: Packing Area	
Time (A.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
1:30 - 1:50	59.5	63.7	62.87
DAY TIME			
9. Location of Study		: Near Boiler Area	
Time (P.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
2:00 - 2:20	71.4	75.7	73.50
NIGHT TIME			
10. Location of Study		: Near Boiler Area	
Time (A.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
1:55 - 2:15	62.5	66.8	64.12

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** Mean of Leq - 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)	-	
** The Noise Pollution (Regulation and Control Rules, 2000 ** S.O. 123 (E) Dated : 14 th February, 2000		

Reviewed By:

Jalanka
Dy. Quality Manager

Approved By:

[Signature]
Quality Manager

>End of Report<

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