

**INSPECTION REPORT**

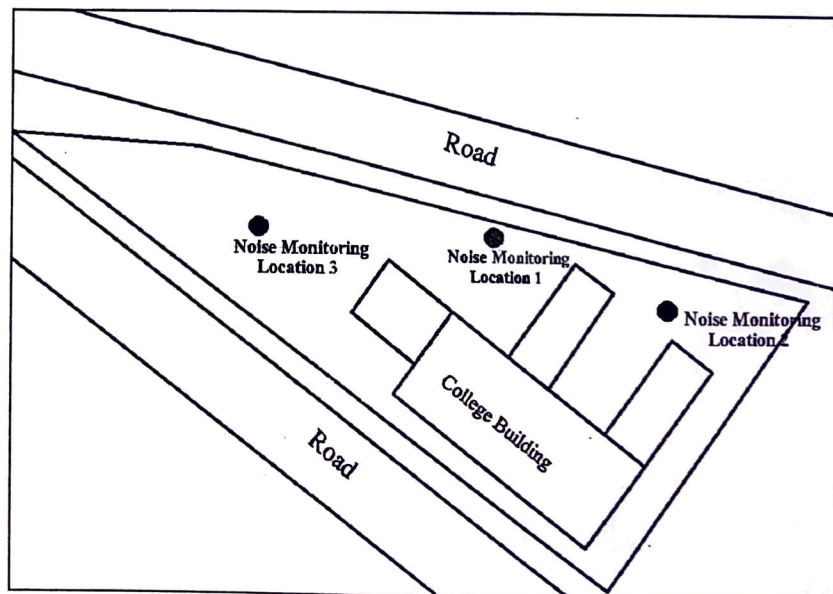
**Sub: Request for the measurement of noise pollution in college premises.**

As directed, the undersigned Board official Mr Bento Thomas (Junior Environmental Engineer) along with Mr Samir Borkar (Senior Laboratory Assistance) carried out noise monitoring in the premises of Dhempe College of Arts & Science, Miramar Panjim Goa on 31/10/2017 from 11.37 am to 12.45 pm with regards to above mentioned subject.

Dr. Vrinda Borker (Principal) and Ms Alysia (teacher) was present at the time of noise monitoring.

**Observations:**

- The examination was in going on at the time of noise monitoring. As informed by Ms Alysia , the exams timings are 10 am to 12 pm.
- Noise monitoring was carried out at three different location using independent noise meters.
- Site description and schematic sketch of site:



• Noise levels recorded:

Sr. no	Instrument Details	Location	Duration	Noise Recorded	Permissible Limit for Silence Zone
1	<b>Model name:</b> Cygnet <b>Model No.</b> 2001. A0813-1387 <b>Calibration date:</b> 9/10/2017	In the premises of College next to Canteen (refer above fig)	60 mins	70.9 db(A)	50 db(A)
2	<b>Model name:</b> Cygnet <b>Model No.</b> 2001. A1005-282 <b>Calibration date:</b> 9/10/2017	In the premises of College next to Volley Ball Court (refer above fig)	60 mins	60.4 db(A)	50 db(A)
3	<b>Model name:</b> Cygnet <b>Model No.</b> 2001. A1003-144 <b>Calibration date:</b> 20/04/2017	In the premises of College at Parking lot (refer above fig)	60 mins	62.7 db(A)	50 db (A)

Note: *Medium traffic was observed at the adjacent road with movement of heavy vehicles and vehicular honking.*


- The college is situated between two roads. The type of area is silence zone.

**Conclusion:**

- The Noise level recorded at all three location is exceeding the permissible limits, 50 dB (A) prescribed under the Noise (Regulation and Control of Pollution) Rule, 2000 for Silence Zone during the day time.
- Noise levels are exceeding mainly due to movement of traffic and vehicular honking.

**Recommendation:**

- The college management may request Collector & SDM North Goa to provide sign boards declaring silence zone & no honking.
- The College may adopt acoustic enclosures for classrooms by providing sound proof windows & doors.

<b>Name of the Inspecting Official:</b>	Mr. Bento Thomas (JEE)
<b>Signature:</b>	

**Verified By:**



**Signature:**

# Statistics

## Sound Level Log:

Date logged: 31/10/17    No of readings: 3666    File: 002 .odb

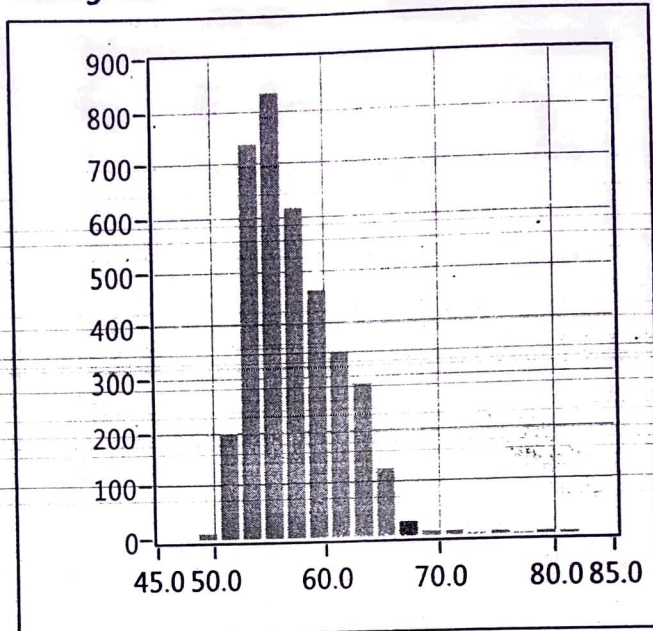
Max dB: 82.1    Max At: 12:30:13.000

Min dB: 48.5    Min At: 11:47:34.000

### Ln

Ln	L 1	67.0
	L 10	62.9
	L 30	59.0
	L 50	56.6
	L 80	53.9
	L 90	53.0
	L 99	51.3

### Histogram:



Leq dB: 60.4    SEL dB: 96.0

Printed By:

Approved By:

File name:

002 .odb

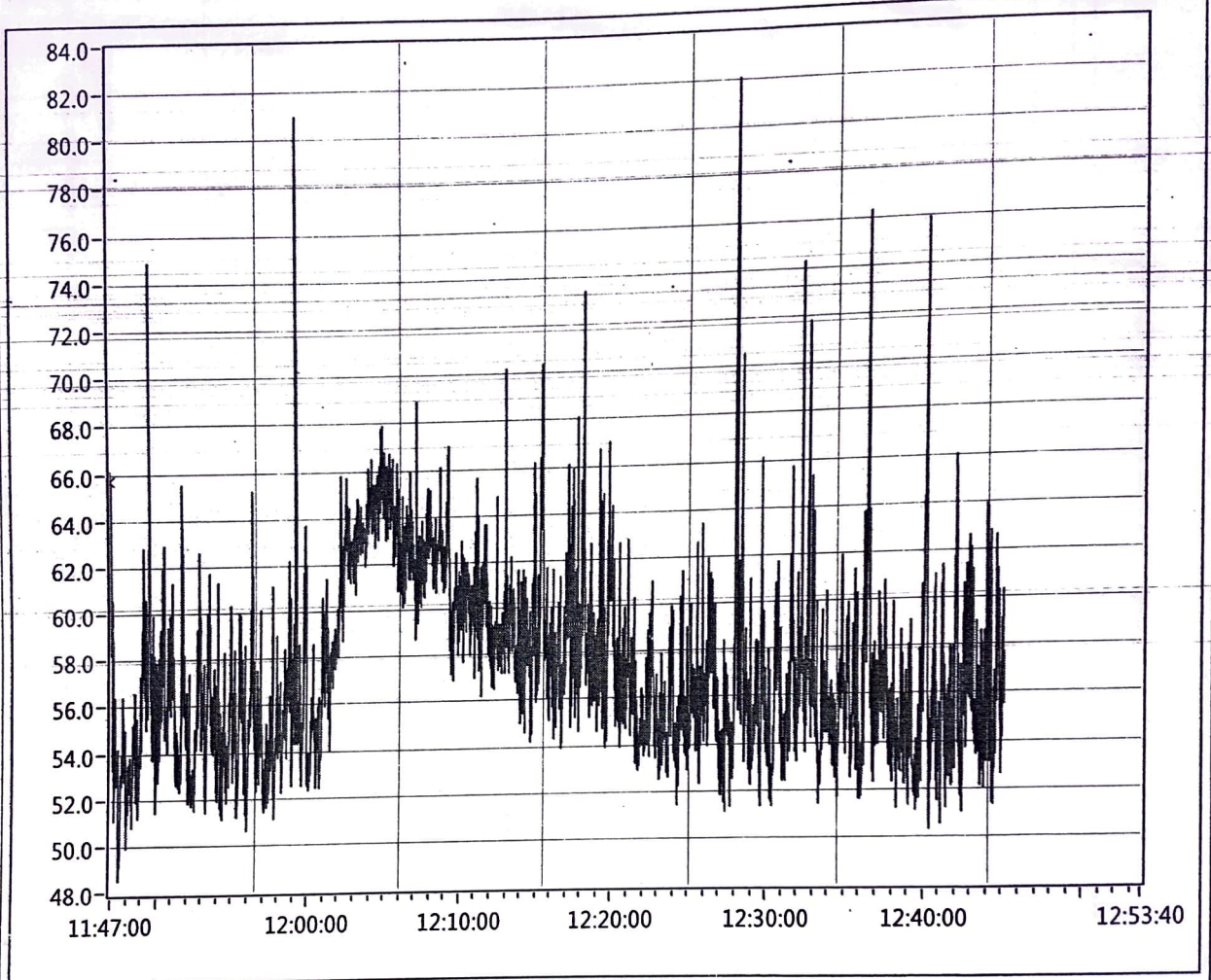
File Created on:

31/10/17

Printed on:

31-10-2017

Graph of dB v/s time:



*BS*

Printed by:

Approved By:

# Statistics

## Sound Level Log:

Date logged: No of readings File:

31/10/17

3683

DC1 .odb

Max dB

101.8

Max At:

12:19:23.000

Min dB

52.1

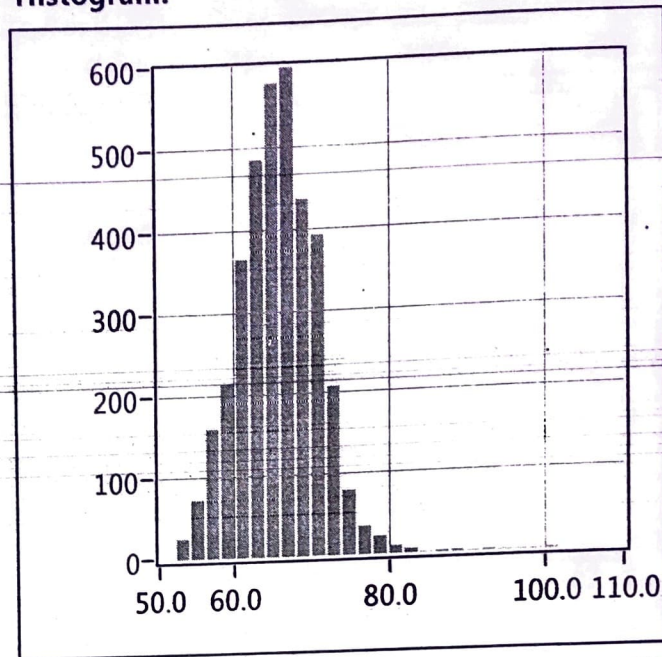
Min At:

11:41:54.000

### Ln

Ln	L 1	78.1
	L 10	71.9
	L 30	68.4
	L 50	65.8
	L 80	61.5
	L 90	59.2
	L 99	54.7

### Histogram:



Leq dB

70.9

SEL dB

106.6

*30*

Printed By:

Approved By:

File name:

DC1 .odb

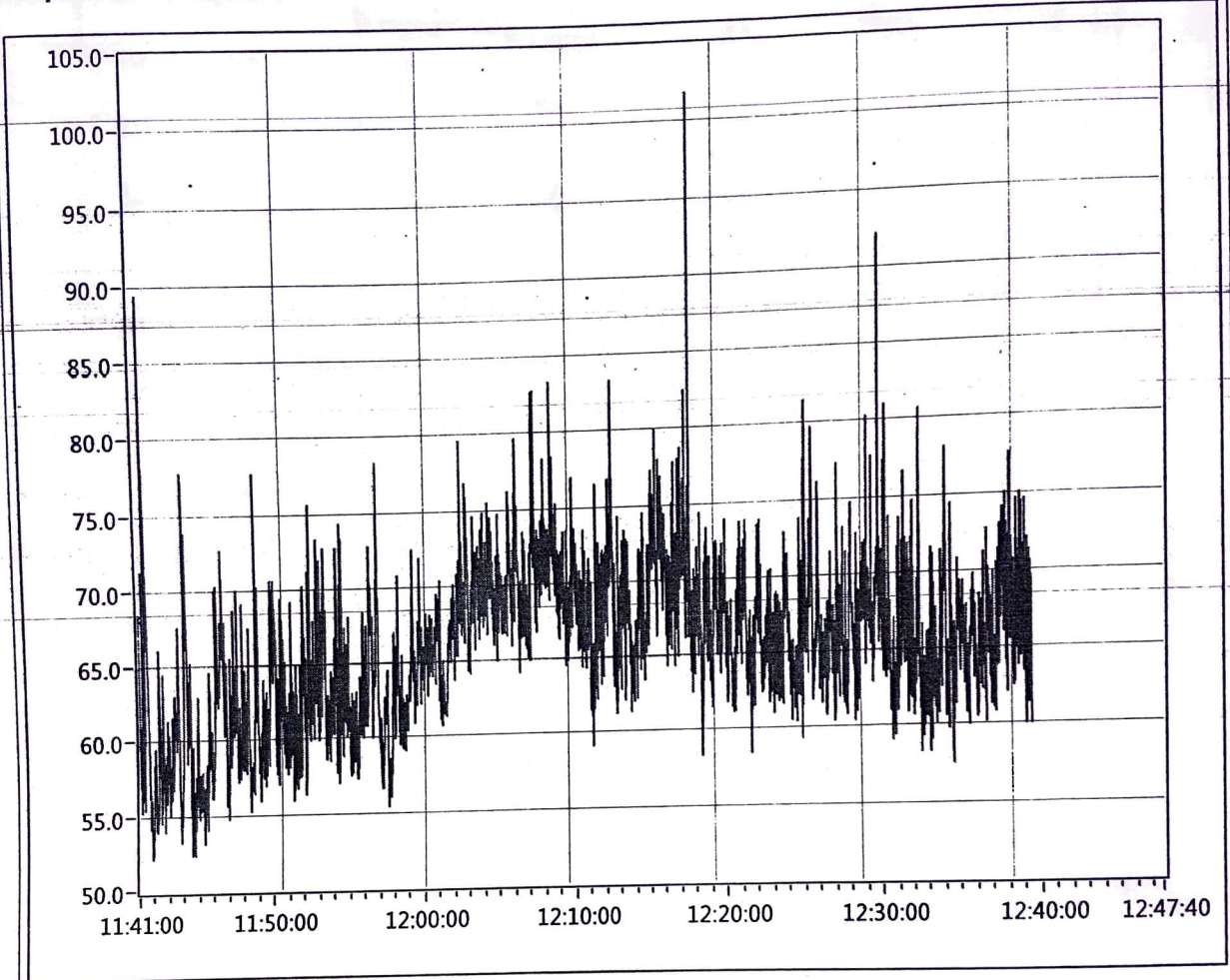
File Created on:

31/10/17

Printed on:

31-10-2017

Graph of dB v/s time:



*Handwritten initials/signature*

Printed by:

Approved By:

# Statistics

## Sound Level Log:

Date logged: No of readings File:

31/10/17

3644

RQO .odb

Max dB

80.3

Max At:

11:40:38.000

Min dB

51.1

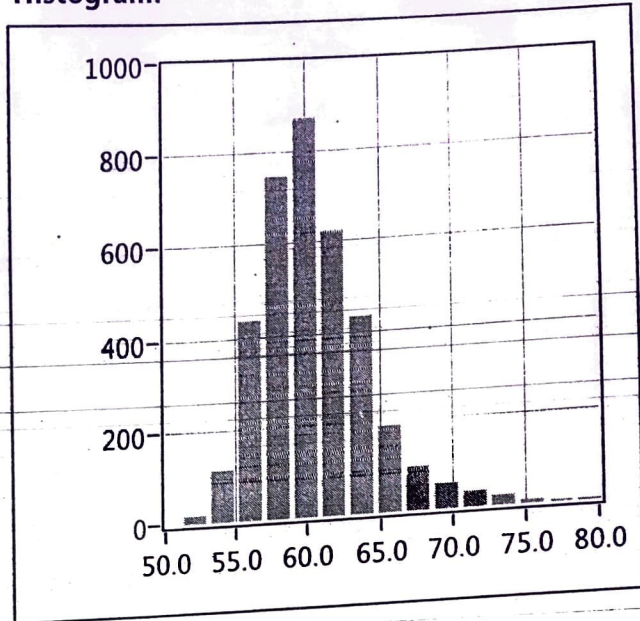
Min At:

11:41:31.000

### Ln

Ln	L 1	72.3
	L 10	65.1
	L 30	61.9
	L 50	60.0
	L 80	57.4
	L 90	56.3
	L 99	53.9

### Histogram:



Leq dB

62.7

SEL dB

98.3

Printed By:

Approved By:



File name:

RQO .odb

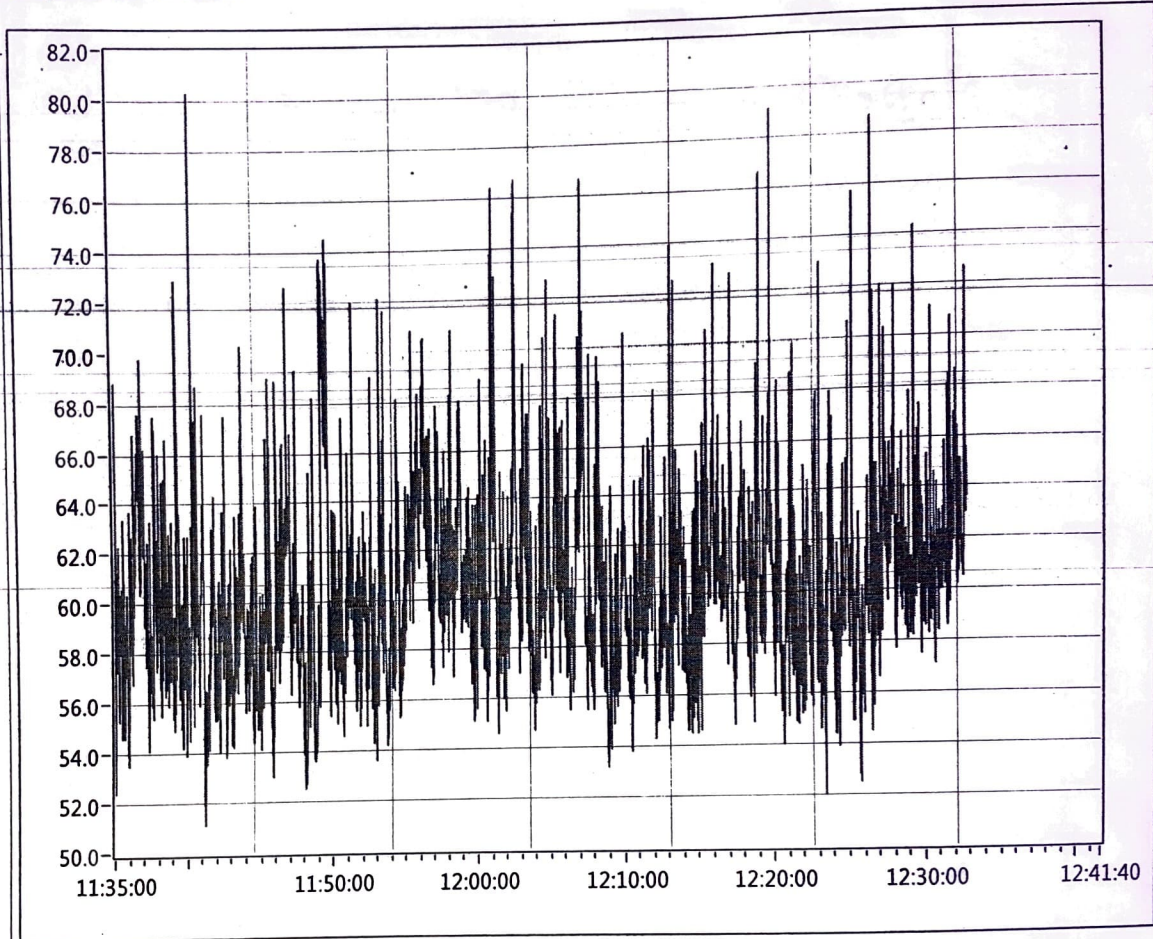
File Created on:

31/10/17

Printed on:

31-10-2017

Graph of dB v/s time:



*gdy*

Printed by:

Approved By: