

Appendix I Impact Daytime Construction Noise Monitoring Results

Location : NM1A (168 Shek Kwu Lung Village G/F- Façade)

Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

Date	Measured Noise Level for 30-min, dB(A)				Baseline Noise Level, dB(A)	Corrected Construction Noise Level, dB(A) **	Limit Level, dB(A)	Exceedance (Y/N)
	Start Time	Leq	L10	L90				
6-Mar-14	11:27	65.7	68.1	62.3	64.2	60.4	75	N
12-Mar-14	10:15	63.7	65.3	61.6	64.2	63.7	75	N
18-Mar-14	10:30	62.2	63.9	60.0	64.2	62.2	75	N
24-Mar-14	10:43	63.1	65.0	61.2	64.2	63.1	75	N

Corrected Noise Level dB(A)	
Average	62.5
Max	63.7
Min	60.4

Location : NM2 (38 Ha Wun Yiu G/F - Free Field)

Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

Date	Measured Noise Level for 30-min, dB(A)				Baseline Noise Level, dB(A)*	Corrected Construction Noise Level, dB(A) **	Limit Level, dB(A)	Exceedance (Y/N)
	Start Time	Leq*	L10*	L90*				
6-Mar-14	10:45	67.5	71.4	64.2	68.1	67.5	75	N
12-Mar-14	14:32	66.8	68.5	63.3	68.1	66.8	75	N
18-Mar-14	10:40	66.5	68.1	63.9	68.1	66.5	75	N
24-Mar-14	13:06	67.7	69.2	65.2	68.1	67.7	75	N

Corrected Noise Level dB(A)	
Average	67.2
Max	67.7
Min	66.5

* +3dB(A) Façade effect correction included

** Construction noise level is only calculated when Measured noise level (Leq) > Baseline noise level.

If Measured noise level < Baseline noise level, Corrected noise level = Measured noise level

Appendix I Impact Daytime Construction Noise Monitoring Results

Location : NM3 (Wong Shiu Chi Middle School Rooftop - Façade)

Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

Date	Measured Noise Level for 30-min, dB(A)				Baseline Noise Level, dB(A)	Corrected Construction Noise Level, dB(A) **	Limit Level, dB(A)#	Exceedance (Y/N)
	Start Time	Leq	L10	L90				
6-Mar-14	10:38	66.5	69.1	63.7	64.8	61.6	70	N
12-Mar-14	13:48	65.8	67.4	63.1	64.8	58.9	70	N
18-Mar-14	13:00	65.2	67.0	62.0	64.8	54.6	70	N
24-Mar-14	10:54	65.7	67.3	62.2	64.8	58.4	70	N

Corrected Noise Level dB(A)	
Average	59.1
Max	61.6
Min	54.6

Location : NM4 (Uptown Plaza Block 4 Rooftop - Façade)

Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

Date	Measured Noise Level for 30-min, dB(A)				Baseline Noise Level, dB(A)	Corrected Construction Noise Level, dB(A) **	Limit Level, dB(A)	Exceedance (Y/N)
	Start Time	Leq	L10	L90				
6-Mar-14	9:49	65.9	68.6	62.6	67.4	65.9	75	N
12-Mar-14	13:06	67.0	68.5	63.9	67.4	67.0	75	N
18-Mar-14	11:25	65.6	67.3	61.9	67.4	65.6	75	N
24-Mar-14	10:06	65.2	66.9	63.2	67.4	65.2	75	N

Corrected Noise Level dB(A)	
Average	66.0
Max	67.0
Min	65.2

- Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period.

** Construction noise level is only calculated when Measured noise level (Leq) > Baseline noise level.

If Measured noise level < Baseline noise level, Corrected noise level = Measured noise level

Appendix I Impact Daytime Construction Noise Monitoring Results

Location : NM5 (The Paragon Clubhouse Rooftop - Façade)

Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

Date	Measured Noise Level for 30-min, dB(A)				Baseline Noise Level, dB(A)	Corrected Construction Noise Level, dB(A) **	Limit Level, dB(A)	Exceedance (Y/N)
	Start Time	Leq	L10	L90				
6-Mar-14	13:07	63.5	66.1	61.7	65.2	63.5	75	N
12-Mar-14	11:26	67.3	69.1	65.0	65.2	63.1	75	N
18-Mar-14	13:10	67.3	68.9	65.1	65.2	63.1	75	N
24-Mar-14	14:01	68.0	69.6	65.3	65.2	64.8	75	N

Corrected Noise Level dB(A)	
Average	63.7
Max	64.8
Min	63.1

Location : NM6 (PLK Tin Ka Ping Primary School near the entrance - Free Field)

Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

Date	Measured Noise Level for 30-min, dB(A)				Baseline Noise Level, dB(A)*	Corrected Construction Noise Level, dB(A) **	Limit Level, dB(A)#	Exceedance (Y/N)
	Start Time	Leq*	L10*	L90*				
6-Mar-14	11:26	62.9	65.1	60.2	64.5	62.9	70	N
12-Mar-14	15:14	61.0	63.9	58.2	64.5	61.0	70	N
18-Mar-14	9:50	59.8	61.3	56.6	64.5	59.8	70	N
24-Mar-14	13:12	62.5	63.8	59.6	64.5	62.5	70	N

Corrected Noise Level dB(A)	
Average	61.7
Max	62.9
Min	59.8

Remarks

* +3dB(A) Façade effect correction included

- Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period.

** Construction noise level is only calculated when Measured noise level (Leq) > Baseline noise level.

If Measured noise level < Baseline noise level, Corrected noise level = Measured noise level

Appendix I Impact Daytime Construction Noise Monitoring Results

Location : NM7 (Riverain Bayside Switch Room Rooftop - Façade)

Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

Date	Measured Noise Level for 30-min, dB(A)				Baseline Noise Level, dB(A)	Corrected Construction Noise Level, dB(A) **	Limit Level, dB(A)	Exceedance (Y/N)
	Start Time	Leq	L10	L90				
6-Mar-14	9:56	65.7	68.1	62.7	61.5	63.6	75	N
12-Mar-14	9:55	63.3	62.1	59.2	61.5	58.6	75	N
18-Mar-14	13:40	62.2	63.9	60.0	61.5	53.9	75	N
24-Mar-14	9:53	58.7	60.1	55.6	61.5	58.7	75	N

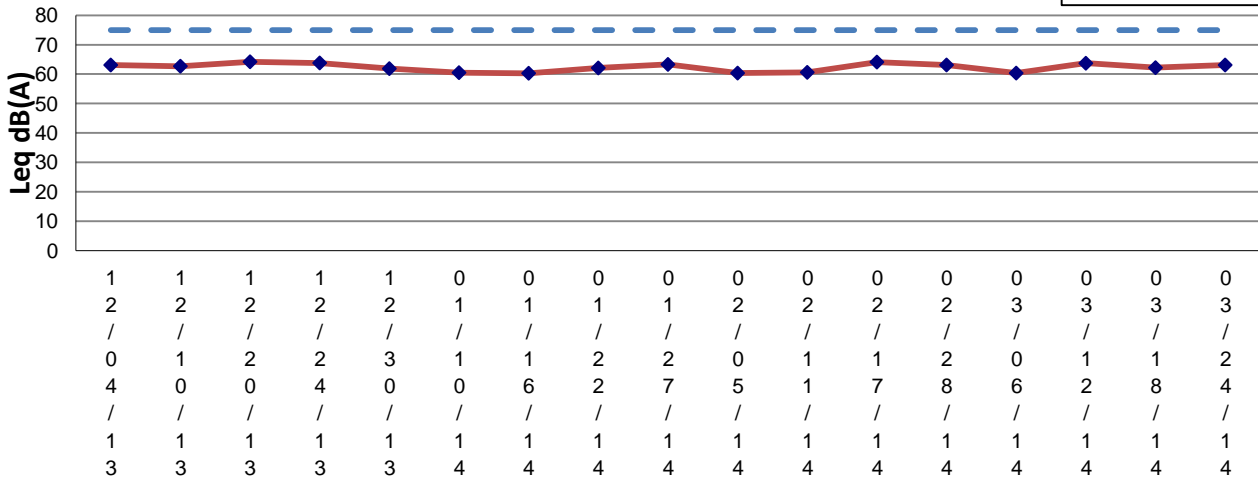
Corrected Noise Level dB(A)	
Average	60.0
Max	63.6
Min	53.9

Remarks

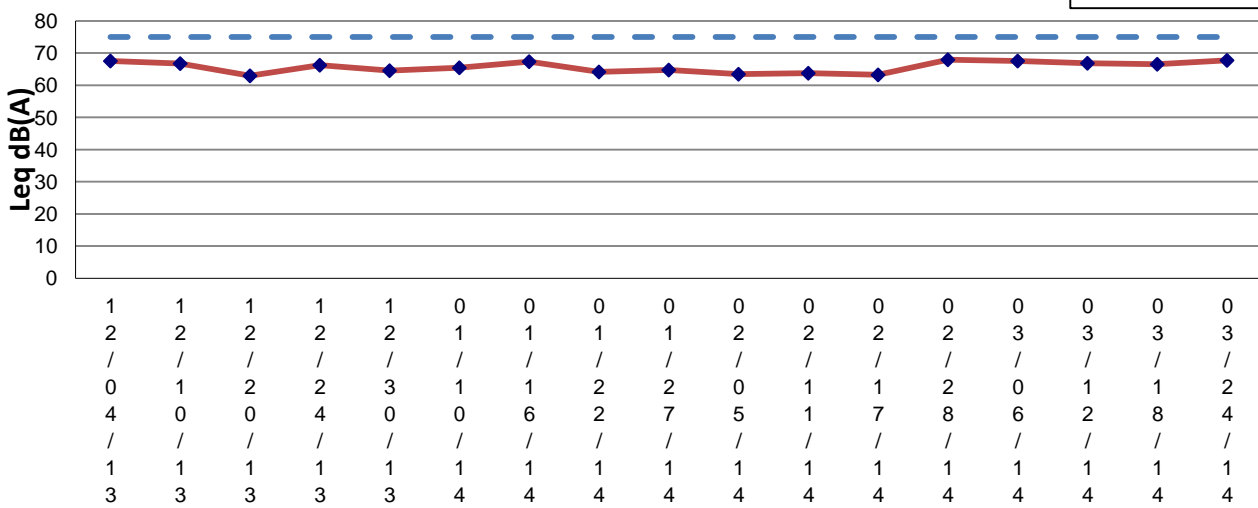
** Construction noise level is only calculated when Measured noise level (Leq) > Baseline noise level.

If Measured noise level < Baseline noise level, Corrected noise level = Measured noise level

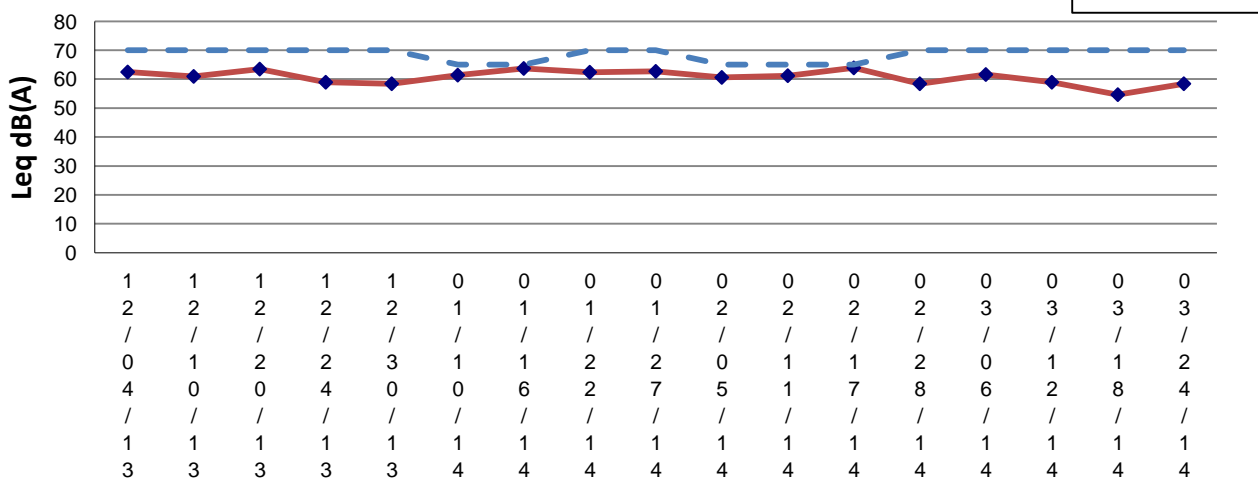
NM1A



NM2



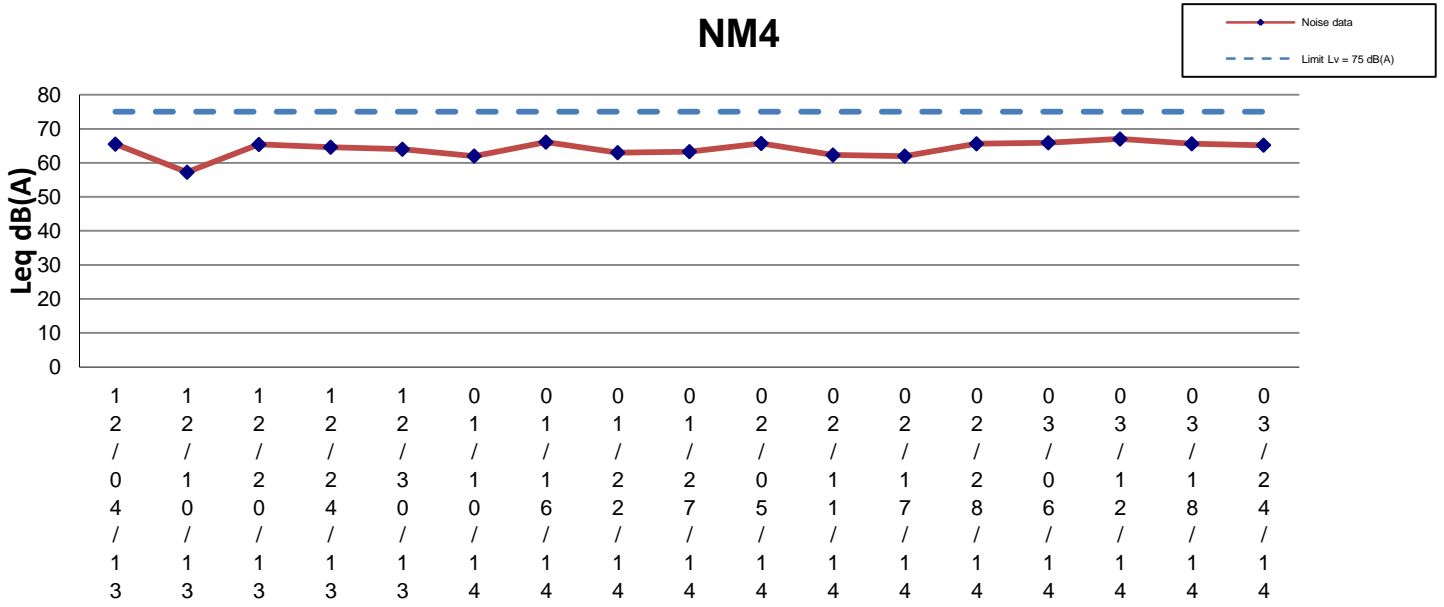
NM3



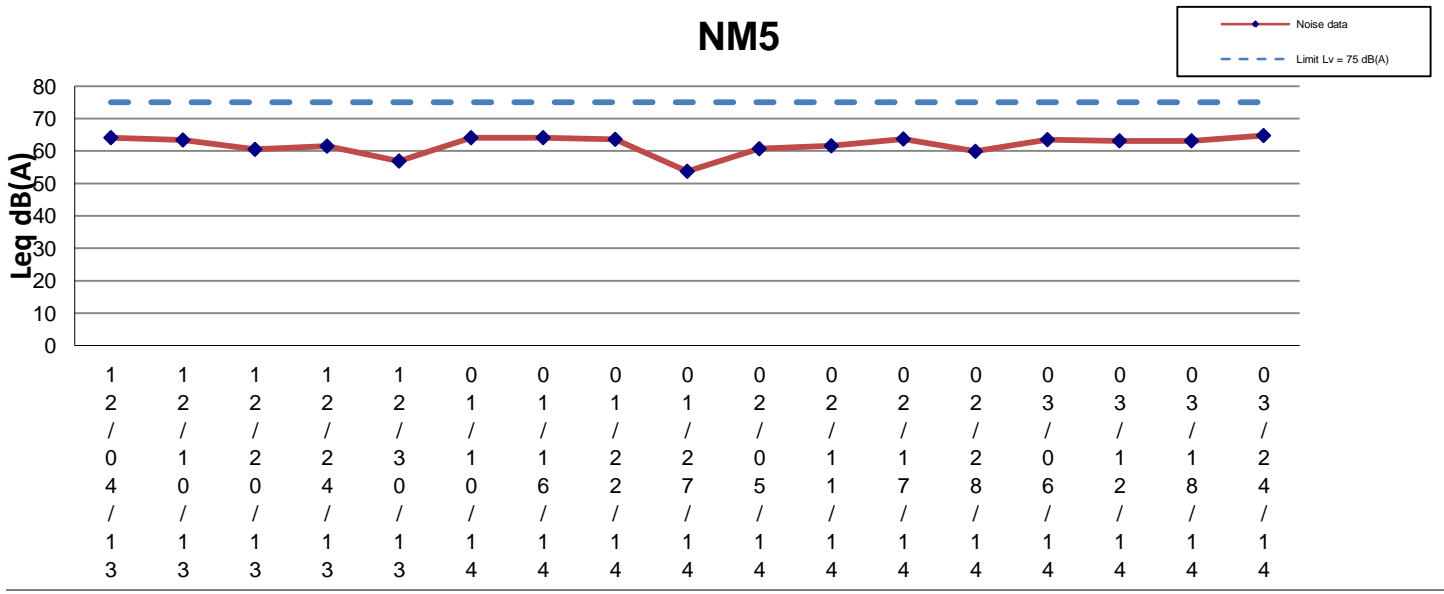
Remarks: (1) The monitoring station at Tai Kwong Secondary School (NM1) was relocated to 168 Shek Kwu Lung Village (NM1A) starting from 1 September 2011 due to the mentioned school was closed down;
 (2) Measured noise level would be shown if Measured noise level (Leq) <= Baseline noise level

	Environmental Team for the Widening of Tolo Highway between Island House Interchange and Tai Hang - Investigation	SCALE	N.T.S.	DATE	Apr-14
		CHECK	ENFL	DRAWN	JCYK
	Graphical Presentation of Impact Daytime Construction Noise Monitoring Results	JOB NO.	60102979	APPENDIX No.	Rev.

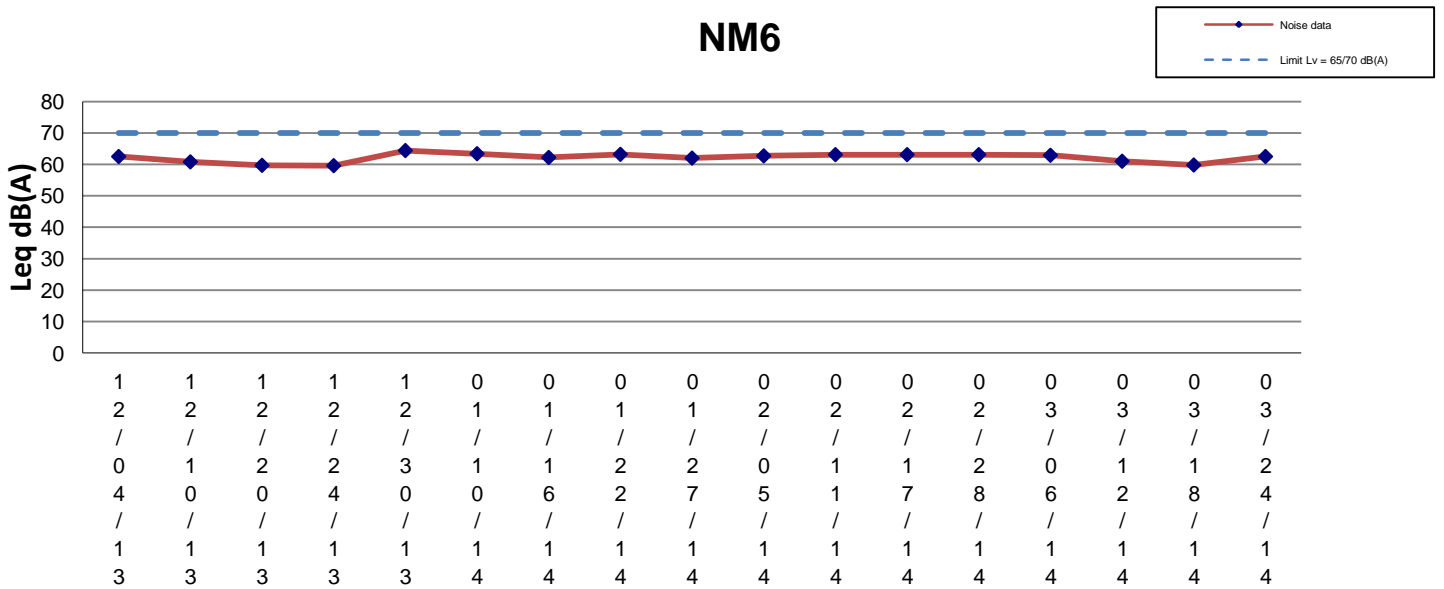
NM4



NM5



NM6



Remark: Measured noise level would be shown if Measured noise level (Leq) <= Baseline noise level

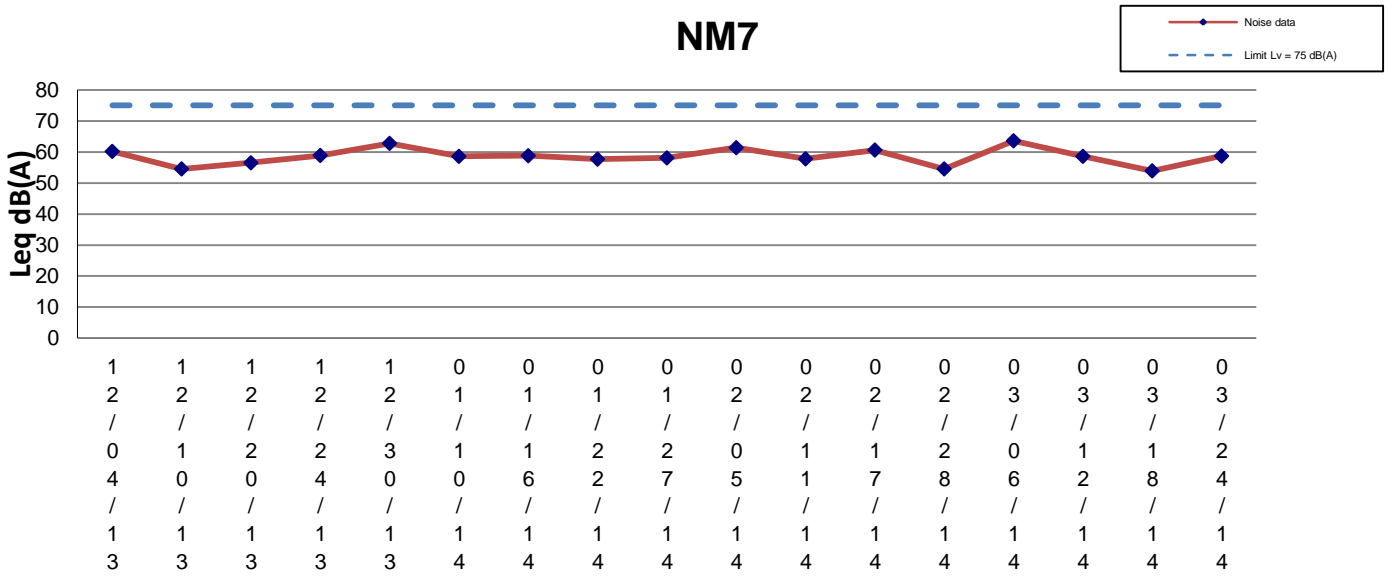


Environmental Team for the Widening of Tolo Highway between Island House Interchange and Tai Hang - Investigation

Graphical Presentation of Impact Daytime Construction Noise Monitoring Results

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NM7



Remark: Measured noise level would be shown if Measured noise level (Leq) <= Baseline noise level



Environmental Team for the Widening of Tolo Highway between Island House Interchange and Tai Hang - Investigation

Graphical Presentation of Impact Daytime Construction Noise Monitoring Results

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