

Appendix G - Noise Monitoring Results

Location NC1 - True Light Middle School of Hong Kong							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
2-Jan-09	14:00	Sunny	66.5	68.0	65.5	70.2	66.5, Measured ≤ Baseline
9-Jan-09	17:00	Sunny	66.1	68.5	65.0		66.1, Measured ≤ Baseline
16-Jan-09	13:00	Sunny	67.2	68.5	65.0		67.2, Measured ≤ Baseline
22-Jan-09	16:05	Sunny	69.3	71.0	67.5		69.3, Measured ≤ Baseline

Location NC2 - The Legend							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
2-Jan-09	14:45	Sunny	66.3	67.5	64.5	64.8	61.0
9-Jan-09	16:10	Sunny	66.7	68.5	64.0		62.2
16-Jan-09	13:40	Sunny	66.3	67.5	64.5		61.0
22-Jan-09	16:50	Sunny	68.2	69.5	65.5		65.5
30-Jan-09	16:30	Cloudy	67.4	69.0	64.5		63.9

Location NC3 - Outside Aegean Terrace							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
2-Jan-09	16:00	Sunny	59.8	61.0	57.5	57.7	55.6
9-Jan-09	13:00	Sunny	60.8	62.0	57.5		57.9
16-Jan-09	14:30	Sunny	61.3	62.5	59.0		58.8
22-Jan-09	14:15	Sunny	61.1	62.5	59.0		58.4
30-Jan-09	15:00	Sunny	59.7	60.5	58.0		55.4

Appendix G - Noise Monitoring Results

(Restricted Hours - 07:00 to 23:00 holidays & 19:00 to 23:00 on all other days)

Location NC1a - Outside True Light Middle School of Hong Kong												
Date	Time	Weather	dB (A) (5-min)				(Reference) Baseline Level	(Reference) Construction Noise Level, L _{eq}				
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}					
2-Jan-09	19:25	Cloudy	67.8	69.0	65.5	68.0	65.8	64.0				
	19:30		68.1	69.0	65.5							
	19:35		68.0	69.0	65.0							
9-Jan-09	19:25	Cloudy	66.9	68.5	65.5	67.2			65.8	61.6		
	19:30		67.3	68.5	65.0							
	19:35		67.3	68.5	65.0							
11-Jan-09	13:00	Sunny	60.8	63.5	56.5	60.7					65.8	60.7, Measured ≤ Baseline
	13:05		61.0	63.5	56.5							
	13:10		60.4	63.0	56.0							
16-Jan-09	19:00	Cloudy	67.8	69.0	65.0	68.1						
	19:05		68.3	69.5	65.5							
	19:10		68.2	69.0	65.0							
22-Jan-09	19:00	Cloudy	68.2	69.5	66.0	68.0	65.8	64.0				
	19:05		67.9	69.5	66.5							
	19:10		67.9	69.0	66.0							
30-Jan-09	22:10	Fine	67.0	70.5	51.0	68.3			65.8	64.7		
	22:15		69.9	73.5	52.0							
	22:20		67.3	71.5	51.0							

(Restricted Hours - 07:00 to 23:00 holidays & 19:00 to 23:00 on all other days)

Location NC2 - The Legend												
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level				
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	L _{eq}				
2-Jan-09	19:00	Cloudy	64.1	65.5	63.0	64.0	59.1	62.3				
	19:05		63.8	65.0	62.5							
	19:15		64.0	65.0	62.5							
9-Jan-09	19:00	Cloudy	63.1	64.5	60.5	63.3			59.1	61.2		
	19:05		63.6	64.5	61.0							
	19:10		63.2	64.0	60.5							
11-Jan-09	13:40	Sunny	65.1	67.5	62.5	65.5					59.1	64.4
	13:45		65.5	68.0	63.0							
	13:50		65.9	68.0	63.0							
16-Jan-09	19:30	Cloudy	63.3	64.0	61.0	63.2						
	19:35		63.3	64.5	61.0							
	19:40		63.1	64.0	60.5							
22-Jan-09	19:30	Cloudy	63.6	64.5	61.0	63.4	59.1	61.4				
	19:35		63.3	64.5	60.5							
	19:40		63.4	64.5	60.5							
30-Jan-09	22:40	Fine	57.7	60.0	53.0	57.5			59.1	57.5, Measured ≤ Baseline		
	22:45		57.7	60.0	54.0							
	22:50		57.0	60.0	53.5							

(Restricted Hours - 07:00 to 23:00 holidays & 19:00 to 23:00 on all other days)

Location NC3 - Outside Aegean Terrace												
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level				
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	L _{eq}				
2-Jan-09	20:15	Cloudy	56.2	57.0	55.5	55.9	53.8	51.7				
	20:20		55.7	56.5	55.0							
	20:25		55.9	56.5	55.0							
4-Jan-09	09:50	Fine	54.4	60.5	48.5	54.6			53.8	46.9		
	09:55		54.7	61.0	48.0							
	10:00		54.8	61.0	48.0							
9-Jan-09	20:10	Cloudy	56.2	57.0	55.0	55.9					53.8	51.7
	20:15		55.7	56.5	54.5							
	20:20		55.9	56.5	54.5							
11-Jan-09	11:15	Sunny	58.0	60.5	52.5	58.1						
	11:20		58.5	61.0	52.5							
	11:25		57.8	60.0	52.0							
16-Jan-09	20:15	Cloudy	55.2	56.0	53.5	55.3	53.8	50.0				
	20:20		55.5	56.5	53.5							
	20:25		55.3	56.0	54.0							
18-Jan-09	11:00	Sunny	58.9	61.0	53.0	58.7			53.8	57.0		
	11:05		58.4	61.0	52.5							
	11:10		58.8	61.0	53.0							
22-Jan-09	20:15	Cloudy	55.1	56.0	54.0	55.2					53.8	49.6
	20:20		55.3	56.5	54.0							
	20:25		55.3	56.5	54.0							
25-Jan-09	13:00	Sunny	57.5	59.5	52.5	57.9						
	13:05		57.9	59.5	52.5							
	13:10		58.3	60.0	52.5							
30-Jan-09	21:30	Fine	49.7	50.5	47.5	49.1	53.8	49.1, Measured ≤ Baseline				
	21:35		49.5	52.0	44.5							
	21:40		47.7	50.5	44.0							

(Restricted Hours - 23:00 to 07:00 on all days)

Location NC1a - Outside True Light Middle School of Hong Kong										
Date	Time	Weather	dB (A) (5-min)				(Reference) Baseline Level	(Reference) Construction Noise Level, L _{eq}		
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}			
16-Jan-09	23:40	Sunny	61.2	64.5	54.0	60.8	60.7	44.4		
	23:45		60.6	64.0	54.0					
	23:50		60.5	64.0	54.0					
22-Jan-09	23:35	Fine	59.3	63.0	51.5	59.6		60.7	59.6, Measured ≤ Baseline	
	23:40		59.5	63.0	52.0					
	23:45		59.9	63.0	52.5					
30-Jan-09	23:35	Fine	60.2	68.5	50.0	60.3			60.7	60.3, Measured ≤ Baseline
	23:40		60.8	68.5	50.0					
	23:45		60.0	68.0	49.5					

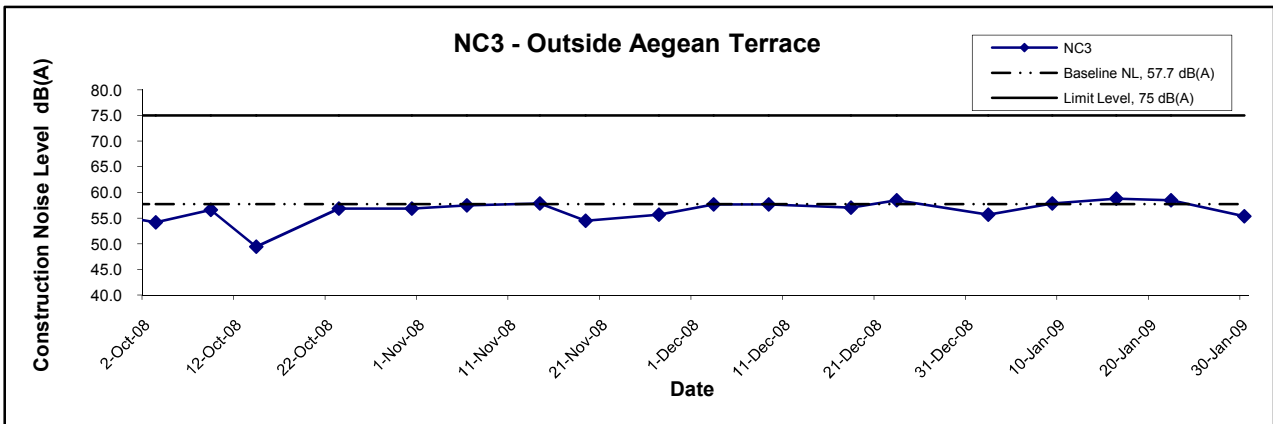
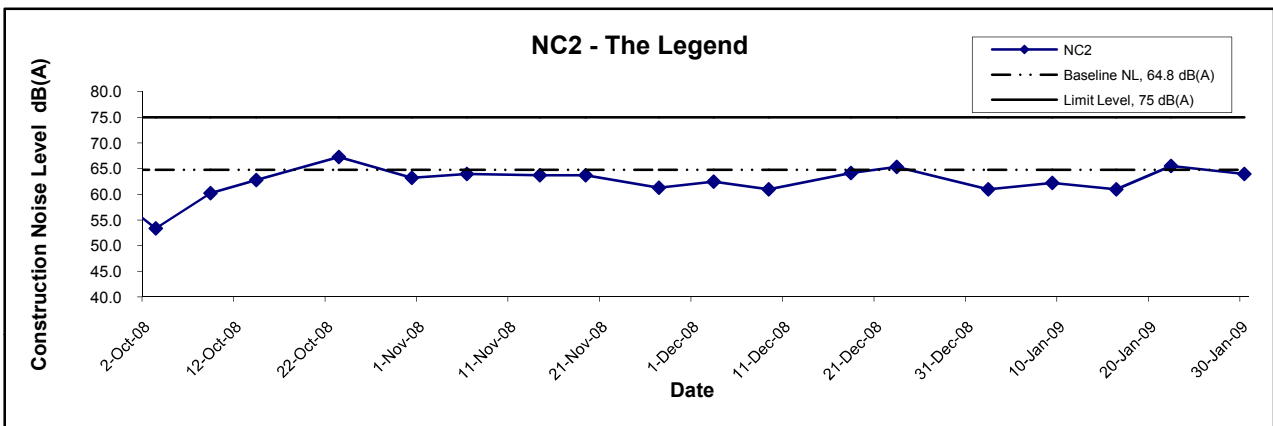
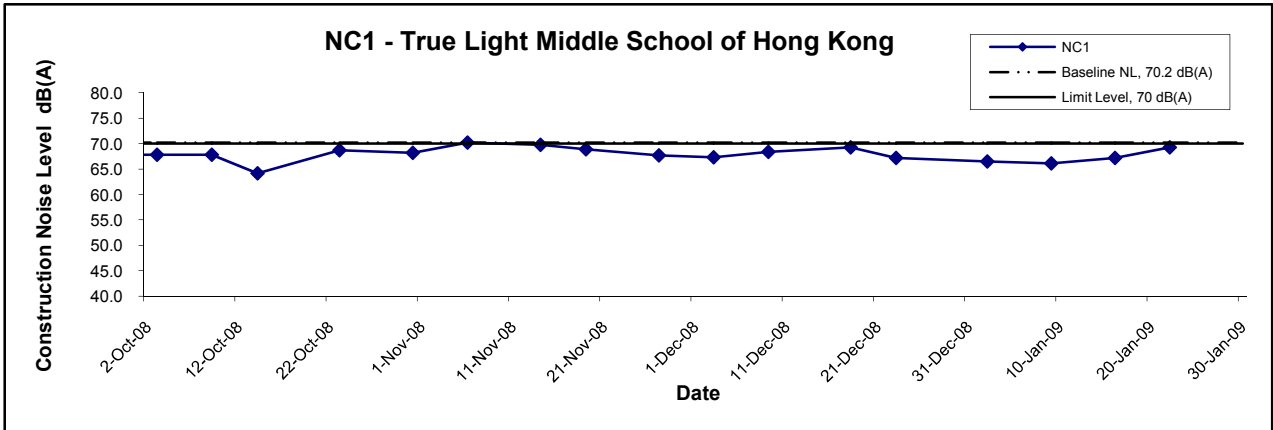
(Restricted Hours - 23:00 to 07:00 on all days)

Location NC2 - The Legend										
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level		
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	L _{eq}		
16-Jan-09	23:00	Sunny	54.3	56.5	51.5	54.5	53.9	45.6		
	23:05		54.5	57.0	51.5					
	23:10		54.8	57.0	52.0					
22-Jan-09	23:00	Fine	53.7	57.0	51.0	54.0		53.9	37.6	
	23:05		54.2	57.5	51.5					
	23:10		54.0	57.5	51.5					
30-Jan-09	23:15	Fine	53.0	60.5	51.0	53.4			53.9	53.4, Measured ≤ Baseline
	23:20		53.5	60.5	51.0					
	23:25		53.7	60.5	51.5					

(Restricted Hours - 23:00 to 07:00 on all days)

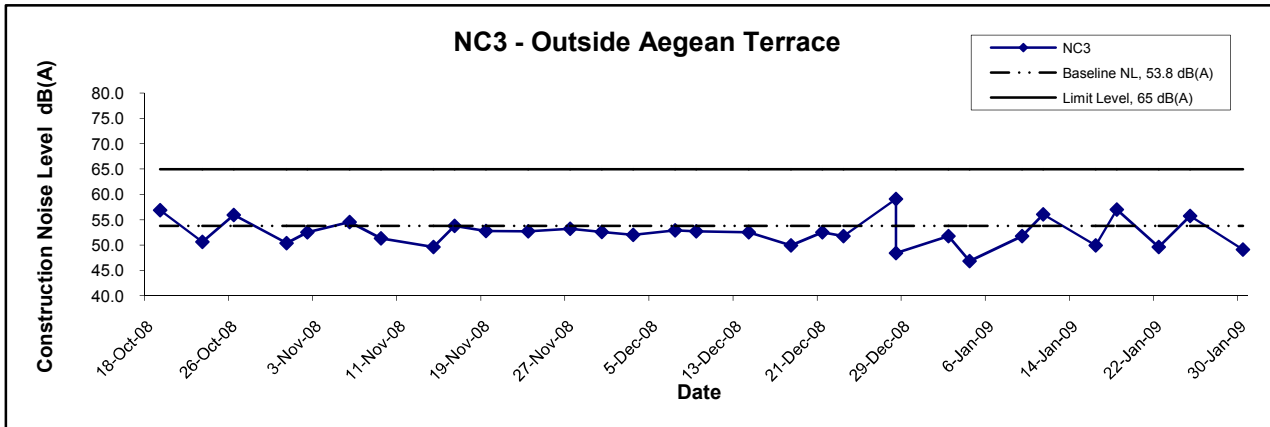
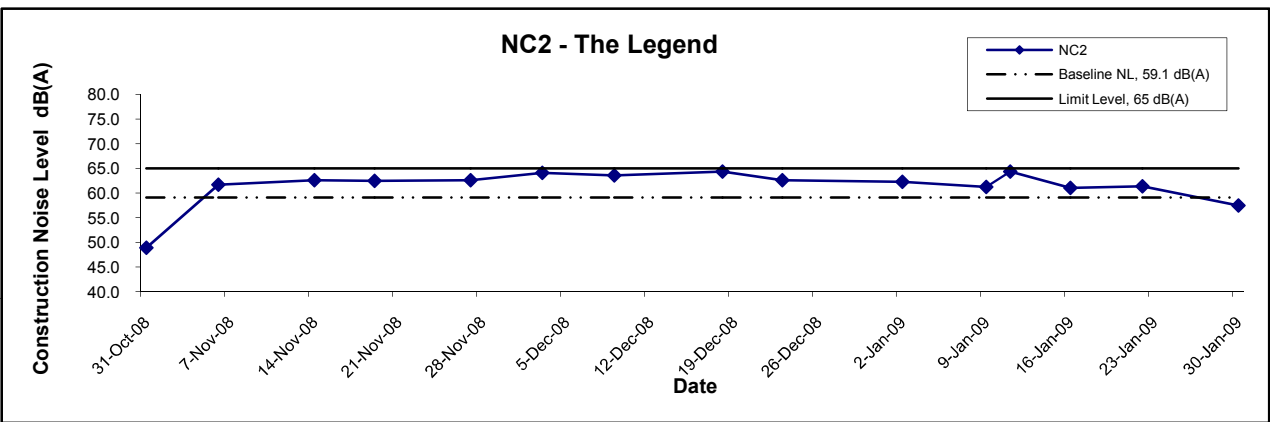
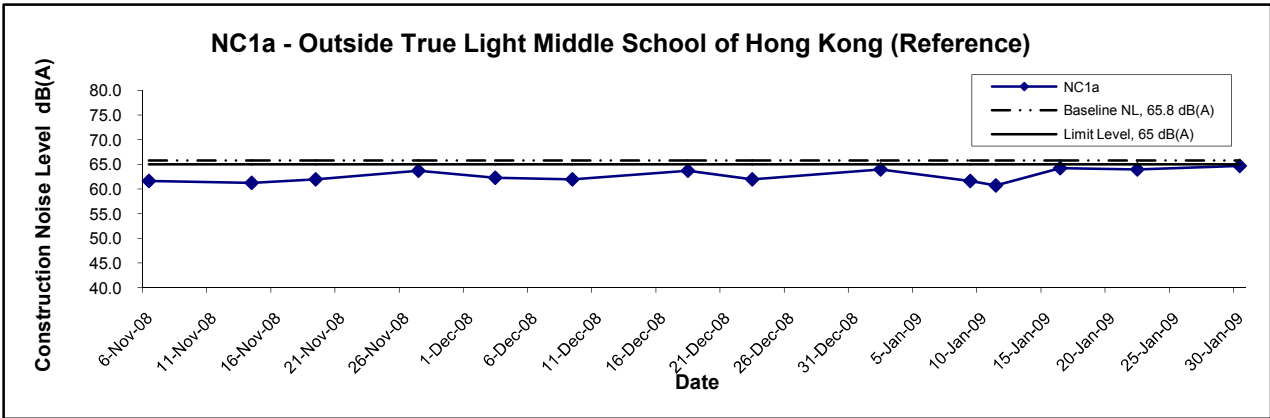
Location NC3 - Outside Aegean Terrace										
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level		
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	L _{eq}		
9-Jan-09	23:05	Fine	53.9	55.0	46.5	53.7	52.0	48.8		
	23:10		53.7	55.0	46.0					
	23:15		53.5	55.0	46.0					
17-Jan-09	00:05	Sunny	52.8	54.5	47.0	52.8		52.0	45.1	
	00:10		53.0	54.5	47.0					
	00:15		52.6	54.0	46.5					
23-Jan-09	00:25	Fine	52.4	54.5	46.5	52.6			52.0	43.7
	00:30		52.8	54.5	46.0					
	00:35		52.5	54.5	46.0					
31-Jan-09	00:20	Fine	49.7	50.5	44.0	49.7	52.0			49.7, Measured ≤ Baseline
	00:25		49.8	50.5	44.5					
	00:30		49.6	50.5	44.5					

Noise Levels



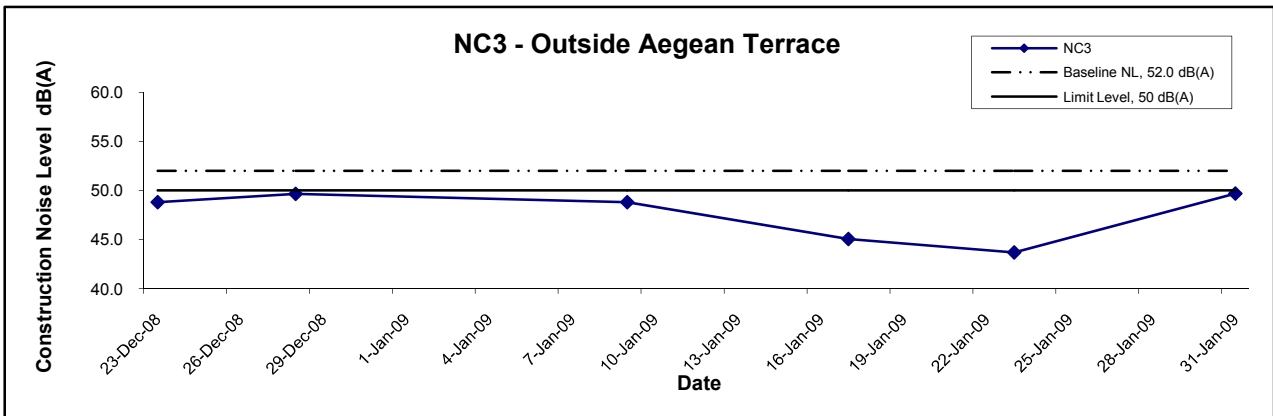
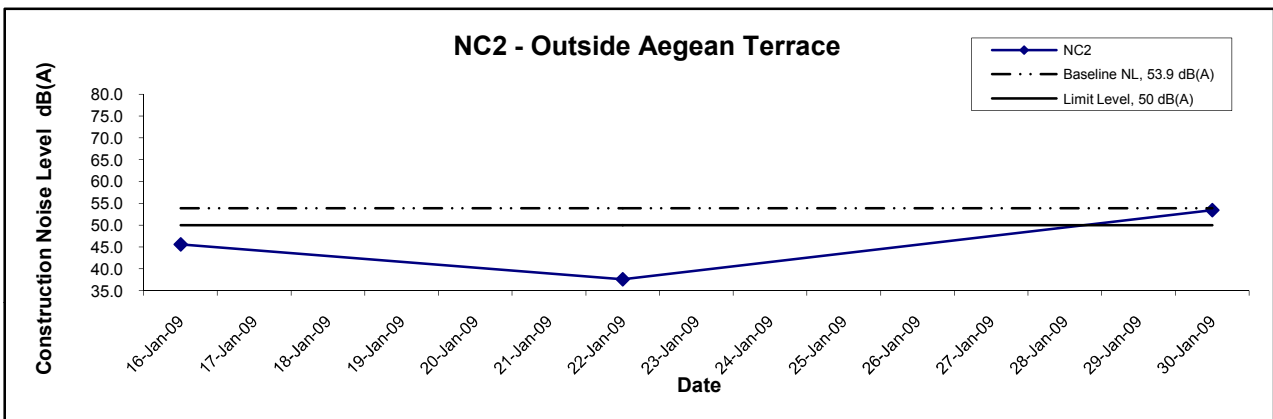
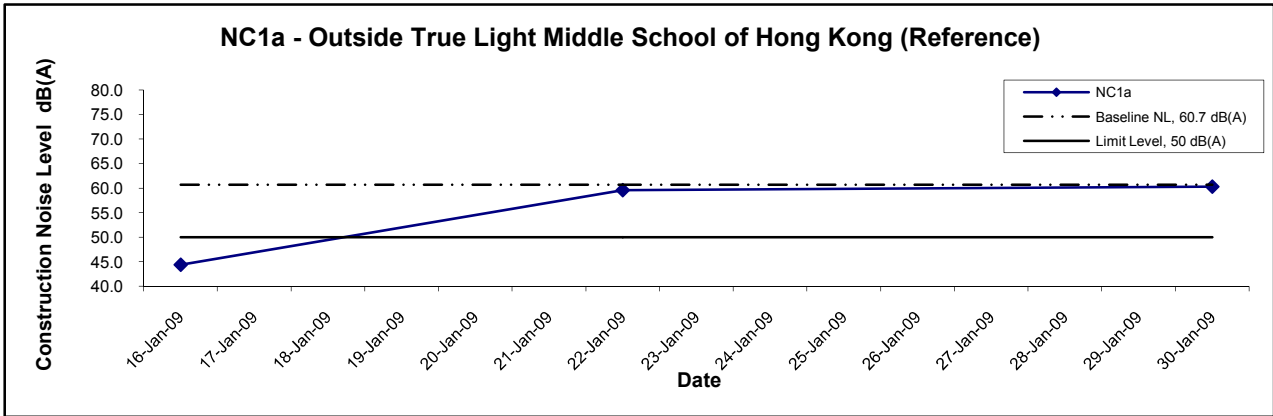
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	CINOTECH
	Date Jan 09	Appendix G	

Noise Levels (Restricted Hours - 07:00 - 23:00 holidays & 19:00 - 23:00 on all other days)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	CINOTECH
	Date Jan 09	Appendix G	

Noise Levels
(Restricted Hours - 23:00 to 07:00 on all days)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	CINOTECH
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