

Appendix 4-3

**Results of Construction
Noise Assessment
(Unmitigated Scenario)**

Project: Main Arena of the 2008 Olympic Equestrian Event
 Title: Calculated Construction Noise Level, Leq (30 min)
 Option: Unmitigated

NSR	Building Description	2006											
		Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12
N1	Hong Kong Institute of Vocational Education (Shatin)	0	0	0	0	0	0	65	65	65	68	68	68
N2	Jockey Club Ti-I College	0	0	0	0	0	0	67	67	67	70	70	70
N3	HKJC Staff Quarters	0	0	0	0	0	0	72	72	72	76	76	76
N4	Racecourse Villa	0	0	0	0	0	0	73	73	73	76	76	76
N5	International Christian School – Elementary	0	0	0	0	0	0	71	71	71	72	72	72
N6	Ravana Garden	0	0	0	0	0	0	71	71	71	73	73	73
N7	Leung Kui Kau Primary School	0	0	0	0	0	0	72	72	72	74	74	74
N8	Garden Vista	0	0	0	0	0	0	73	73	73	74	74	74
N9	Pictorial Garden Phase I	0	0	0	0	0	0	73	73	73	74	74	74
N10	Pictorial Garden Phase II	0	0	0	0	0	0	73	73	73	73	73	73

NSR	Building Description	2007											
		Jan 13	Feb 14	Mar 15	Apr 16	May 17	Jun 18	Jul 19	Aug 20	Sep 21	Oct 22	Nov 23	Dec 24
N1	Hong Kong Institute of Vocational Education (Shatin)	67	68	64	0	0	0	0	0	0	0	0	0
N2	Jockey Club Ti-I College	69	70	66	0	0	0	0	0	0	0	0	0
N3	HKJC Staff Quarters	76	77	72	0	0	0	0	0	0	0	0	0
N4	Racecourse Villa	75	76	72	0	0	0	0	0	0	0	0	0
N5	International Christian School – Elementary	72	72	69	0	0	0	0	0	0	0	0	0
N6	Ravana Garden	73	74	70	0	0	0	0	0	0	0	0	0
N7	Leung Kui Kau Primary School	74	74	71	0	0	0	0	0	0	0	0	0
N8	Garden Vista	74	74	71	0	0	0	0	0	0	0	0	0
N9	Pictorial Garden Phase I	74	74	71	0	0	0	0	0	0	0	0	0
N10	Pictorial Garden Phase II	73	73	70	0	0	0	0	0	0	0	0	0

NSR	Building Description	2008											
		Jan 25	Feb 26	Mar 27	Apr 28	May 29	Jun 30	Jul 31	Aug 32	Sep 33	Oct 34	Nov 35	Dec 36
N1	Hong Kong Institute of Vocational Education (Shatin)	0	0	51	60	60	60	0	0	0	58	58	58
N2	Jockey Club Ti-I College	0	0	53	62	62	62	0	0	0	60	60	60
N3	HKJC Staff Quarters	0	0	60	70	69	69	0	0	0	67	67	67
N4	Racecourse Villa	0	0	58	68	67	67	0	0	0	65	65	65
N5	International Christian School – Elementary	0	0	54	64	63	63	0	0	0	61	61	61
N6	Ravana Garden	0	0	56	66	65	65	0	0	0	63	63	63
N7	Leung Kui Kau Primary School	0	0	56	65	65	65	0	0	0	63	63	63
N8	Garden Vista	0	0	54	63	63	63	0	0	0	61	61	61
N9	Pictorial Garden Phase I	0	0	53	63	62	62	0	0	0	60	60	60
N10	Pictorial Garden Phase II	0	0	52	61	61	61	0	0	0	59	59	59

NSR	Building Description	2009			Max Noise Level, Leq	EIAO Criteria	Exceedance
		Jan 37	Feb 38	Mar 39			
N1	Hong Kong Institute of Vocational Education (Shatin)	58	0	0	68	70	0
N2	Jockey Club Ti-I College	60	0	0	70	70	0
N3	HKJC Staff Quarters	67	0	0	77	75	2
N4	Racecourse Villa	65	0	0	76	75	1
N5	International Christian School – Elementary	61	0	0	72	70	2
N6	Ravana Garden	63	0	0	74	75	0
N7	Leung Kui Kau Primary School	63	0	0	74	70	4
N8	Garden Vista	61	0	0	74	75	0
N9	Pictorial Garden Phase I	60	0	0	74	75	0
N10	Pictorial Garden Phase II	59	0	0	73	75	0

Note:
 See attached for detailed calculation.

Project: 2008 Olympic Equestrian Event

Title: Total SWL of PME for each Month for each worksite - Summary Sheet

Worksite	2006												2007											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
WS1	0	0	0	0	0	0	0	0	0	123	123	123	123	125	119	0	0	0	0	0	0	0	0	0
WS2	0	0	0	0	0	0	127	127	127	127	127	127	127	127	124	0	0	0	0	0	0	0	0	0
WS4	0	0	0	0	0	0	120	120	120	120	120	120	0	0	0	0	0	0	0	0	0	0	0	0
WS5	0	0	0	0	0	0	118	118	118	118	118	118	118	118	118	0	0	0	0	0	0	0	0	0

Note:

[1] Total SWL is based sub-total SWL of the preceding calculation sheet for each worksite.

Project: 2008 Olympic Equestrian Event

Title: Total SWL of PME for each Month for each worksite - Summary Sheet

Worksite	2008												2009											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
WS1	0	0	110	120	119	119	0	0	0	117	117	117	117	0	0	0	0	0	0	0	0	0	0	0
WS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WS5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

[1] Total SWL is based sub-total SWL of the preceding calculation sheet for each worksite.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 1 (Hong Kong Institute of Vocational Education (Shatin))

	Distance	Distance Correction	2006												2007											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Worksite	[1]	Correction	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
WS1	522	-62.3	0	0	0	0	0	0	0	0	0	64	64	64	64	65	60	0	0	0	0	0	0	0	0	
WS2	728	-65.2	0	0	0	0	0	0	65	65	65	65	65	65	65	65	62	0	0	0	0	0	0	0	0	
WS4	879	-66.9	0	0	0	0	0	0	56	56	56	56	56	56	0	0	0	0	0	0	0	0	0	0	0	
WS5	1109	-68.9	0	0	0	0	0	0	52	52	52	52	52	52	52	52	52	0	0	0	0	0	0	0	0	
Total SPL			0	0	0	0	0	0	65	65	65	68	68	68	67	68	64	0	0	0	0	0	0	0	0	

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 1 (Hong Kong Institute of Vocational Education (Shatin))

	Distance	Distance Correction	2008												2009											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Worksite	[1]	Correction	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
WS1	522	-62.3	0	0	51	60	60	60	0	0	0	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0
WS2	728	-65.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS4	879	-66.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS5	1109	-68.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total SPL			0	0	51	60	60	60	0	0	0	58	58	58	58	0	0	0	0	0	0	0	0	0	0	

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 2 (Jockey Club Ti-I College)

	Distance	Distance Correction	2006												2007											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
WS1	414	-60.3	0	0	0	0	0	0	0	0	0	66	66	66	66	67	62	0	0	0	0	0	0	0	0	
WS2	579	-63.2	0	0	0	0	0	0	0	67	67	67	67	67	67	67	64	0	0	0	0	0	0	0	0	
WS4	705	-65.0	0	0	0	0	0	0	0	58	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0	
WS5	926	-67.3	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	
Total SPL			0	0	0	0	0	0	0	67	67	67	70	70	70	69	70	66	0	0	0	0	0	0	0	

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 2 (Jockey Club Ti-I College)

	Distance	Distance Correction	2008												2009											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
WS1	414	-60.3	0	0	53	62	62	62	0	0	0	60	60	60	60	0	0	0	0	0	0	0	0	0	0	
WS2	579	-63.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS4	705	-65.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS5	926	-67.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total SPL			0	0	53	62	62	62	0	0	0	60	60	60	60	0	0	0	0	0	0	0	0	0	0	

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 3 (HKJC Staff Quarters)

Worksite	Distance [1]	Distance Correction	2006												2007											
			Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12	Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12
WS1	176	-52.9	0	0	0	0	0	0	0	0	73	73	73	73	75	69	0	0	0	0	0	0	0	0		
WS2	316	-58.0	0	0	0	0	0	0	72	72	72	72	72	72	72	69	0	0	0	0	0	0	0	0		
WS4	444	-61.0	0	0	0	0	0	0	62	62	62	62	62	0	0	0	0	0	0	0	0	0	0	0		
WS5	669	-64.5	0	0	0	0	0	0	56	56	56	56	56	56	56	56	0	0	0	0	0	0	0	0		
Total SPL			0	0	0	0	0	0	72	72	72	76	76	76	76	77	72	0	0	0	0	0	0	0		

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$
based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 3 (HKJC Staff Quarters)

	Distance	Distance Correction	2008												2009											
			Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12	Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12
WS1	176	-52.9	0	0	60	70	69	69	0	0	0	67	67	67	67	0	0	0	0	0	0	0	0	0	0	0
WS2	316	-58.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS4	444	-61.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS5	669	-64.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total SPL			0	0	60	70	69	69	0	0	0	67	67	67	67	0	0	0	0	0	0	0	0	0	0	

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$
based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 4 (Racecourse Villa)

	Distance	Distance Correction	2006												2007											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Worksite	[1]		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
WS1	224	-55.0	0	0	0	0	0	0	0	0	0	71	71	71	71	73	67	0	0	0	0	0	0	0	0	0
WS2	285	-57.1	0	0	0	0	0	0	73	73	73	73	73	73	73	73	70	0	0	0	0	0	0	0	0	0
WS4	334	-58.5	0	0	0	0	0	0	64	64	64	64	64	64	0	0	0	0	0	0	0	0	0	0	0	0
WS5	530	-62.5	0	0	0	0	0	0	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0	0	0
Total SPL			0	0	0	0	0	0	73	73	73	76	76	76	75	76	72	0	0	0	0	0	0	0	0	0

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$
based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 4 (Racecourse Villa)

	Distance	Distance Correction	2008												2009											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Worksite	[1]		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
WS1	224	-55.0	0	0	58	68	67	67	0	0	0	65	65	65	65	0	0	0	0	0	0	0	0	0	0	0
WS2	285	-57.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS4	334	-58.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS5	530	-62.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total SPL			0	0	58	68	67	67	0	0	0	65	65	65	65	0	0	0	0	0	0	0	0	0	0	

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$
based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 5 (International Christian School – Elementary)

	Distance	Distance Correction	2006												2007											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
WS1	347	-58.8	0	0	0	0	0	0	0	0	0	67	67	67	67	69	63	0	0	0	0	0	0	0	0	
WS2	405	-60.2	0	0	0	0	0	0	0	70	70	70	70	70	70	70	67	0	0	0	0	0	0	0	0	
WS4	434	-60.7	0	0	0	0	0	0	62	62	62	62	62	62	0	0	0	0	0	0	0	0	0	0	0	
WS5	601	-63.6	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	
Total SPL			0	0	0	0	0	0	71	71	71	72	72	72	72	72	69	0	0	0	0	0	0	0	0	

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 5 (International Christian School – Elementary)

	Distance	Distance Correction	2008												2009											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
WS1	347	-58.8	0	0	54	64	63	63	0	0	0	61	61	61	61	0	0	0	0	0	0	0	0	0	0	
WS2	405	-60.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS4	434	-60.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS5	601	-63.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total SPL			0	0	54	64	63	63	0	0	0	61	61	61	61	0	0	0	0	0	0	0	0	0	0	

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $- 20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 6 (Ravana Garden)

	Distance	Distance Correction	2006												2007											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Worksite	[1]		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
WS1	279	-56.9	0	0	0	0	0	0	0	0	0	69	69	69	69	71	65	0	0	0	0	0	0	0	0	0
WS2	385	-59.7	0	0	0	0	0	0	70	70	70	70	70	70	70	70	67	0	0	0	0	0	0	0	0	0
WS4	564	-63.0	0	0	0	0	0	0	59	59	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0
WS5	737	-65.3	0	0	0	0	0	0	55	55	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0
Total SPL			0	0	0	0	0	0	71	71	71	73	73	73	73	74	70	0	0	0	0	0	0	0	0	0

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 6 (Ravana Garden)

Worksite	Distance [1]	Distance Correction	2008												2009											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
WS1	279	-56.9	0	0	56	66	65	65	0	0	0	63	63	63	63	0	0	0	0	0	0	0	0	0	0	
WS2	385	-59.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
WS4	564	-63.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
WS5	737	-65.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total SPL			0	0	56	66	65	65	0	0	0	63	63	63	63	0	0	0	0	0	0	0	0	0		

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 7 (Leung Kui Kau Primary School)

Worksite	Distance [1]	Distance Correction	2006												2007												
			Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12	Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12	
WS1	296	-57.4	0	0	0	0	0	0	0	0	0	69	69	69	69	70	65	0	0	0	0	0	0	0	0	0	
WS2	314	-57.9	0	0	0	0	0	0	0	72	72	72	72	72	72	72	69	0	0	0	0	0	0	0	0	0	
WS4	472	-61.5	0	0	0	0	0	0	0	61	61	61	61	61	0	0	0	0	0	0	0	0	0	0	0	0	
WS5	609	-63.7	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	
Total SPL			0	0	0	0	0	0	0	72	72	72	74	74	74	74	74	71	0	0	0	0	0	0	0	0	0

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 7 (Leung Kui Kau Primary School)

Worksite	Distance [1]	Distance Correction	2008												2009											
			Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12	Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12
WS1	296	-57.4	0	0	56	65	65	65	0	0	0	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0
WS2	314	-57.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS4	472	-61.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS5	609	-63.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total SPL			0	0	56	65	65	65	0	0	0	63	63	63	63	0	0	0	0	0	0	0	0	0	0	

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 8 (Garden Vista)

Worksite	Distance [1]	Distance Correction	2006												2007											
			Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12	Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12
WS1	355	-59.0	0	0	0	0	0	0	0	0	0	67	67	67	67	69	63	0	0	0	0	0	0	0	0	0
WS2	294	-57.4	0	0	0	0	0	0	73	73	73	73	73	73	73	73	69	0	0	0	0	0	0	0	0	0
WS4	423	-60.5	0	0	0	0	0	0	62	62	62	62	62	62	0	0	0	0	0	0	0	0	0	0	0	0
WS5	514	-62.2	0	0	0	0	0	0	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0	0	0
Total SPL			0	0	0	0	0	0	73	73	73	74	74	74	74	74	71	0	0	0	0	0	0	0	0	0

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 8 (Garden Vista)

Worksite	Distance [1]	Distance Correction	2008												2009														
			Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12	Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12			
WS1	355	-59.0	0	0	54	63	63	63	0	0	0	61	61	61	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WS2	294	-57.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WS4	423	-60.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WS5	514	-62.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total SPL			0	0	54	63	63	63	0	0	0	61	61	61	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 9 (Pictorial Garden Phase I)

Worksite	Distance [1]	Distance Correction	2006												2007													
			Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12	Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12		
WS1	391	-59.8	0	0	0	0	0	0	0	0	0	66	66	66	66	68	62	0	0	0	0	0	0	0	0	0	0	0
WS2	289	-57.2	0	0	0	0	0	0	73	73	73	73	73	73	73	73	70	0	0	0	0	0	0	0	0	0	0	0
WS4	395	-59.9	0	0	0	0	0	0	63	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WS5	465	-61.4	0	0	0	0	0	0	59	59	59	59	59	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0
Total SPL			0	0	0	0	0	0	73	73	73	74	74	74	74	74	71	0	0	0	0	0	0	0	0	0	0	0

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 9 (Pictorial Garden Phase I)

Worksite	Distance [1]	Distance Correction	2008												2009														
			Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12	Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12			
WS1	391	-59.8	0	0	53	63	62	62	0	0	0	60	60	60	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WS2	289	-57.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WS4	395	-59.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WS5	465	-61.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total SPL			0	0	53	63	62	62	0	0	0	60	60	60	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$ based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 10 (Pictorial Garden Phase II)

	Distance	Distance Correction	2006												2007											
			Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12	Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12
WS1	450	-61.1	0	0	0	0	0	0	0	0	0	65	65	65	65	67	61	0	0	0	0	0	0	0	0	0
WS2	312	-57.9	0	0	0	0	0	0	72	72	72	72	72	72	72	72	69	0	0	0	0	0	0	0	0	0
WS4	397	-60.0	0	0	0	0	0	0	63	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0
WS5	428	-60.6	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	0	0	0	0	0	0	0	0	0
Total SPL			0	0	0	0	0	0	73	73	73	73	73	73	73	73	70	0	0	0	0	0	0	0	0	0

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $-20 \log r - 8$
based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.

Project: 2008 Olympic Equestrian Event

Title: Calculated Leq (30 min) from Total SWL of PME in worksite

NSR No: 10 (Pictorial Garden Phase II)

	Distance	Distance Correction	2008												2009													
			Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12	Jan 1	Feb 2	Mar 3	Apr 4	May 5	Jun 6	Jul 7	Aug 8	Sep 9	Oct 10	Nov 11	Dec 12		
WS1	450	-61.1	0	0	52	61	61	61	0	0	0	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0
WS2	312	-57.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WS4	397	-60.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WS5	428	-60.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total SPL			0	0	52	61	61	61	0	0	0	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

[1] Distance between NSR and notional source position of worksite

[2] Distance correction = $- 20 \log r - 8$
based on hemi-spherical radiation, where r = distance.

[3] Total Sound Pressure Level (SPL) = Total SWL + Distance Correction + 3 dB facade correction. Total SWL is based on the Total SWL Summary Sheet.