

PME	TM or other reference	No. of PME	SWL, dB(A)/unit	Barrier Correction, dB(A)	Percentage On Time	Total SWL, dB(A)
<b>Activity 1 - Excavation</b>						
<b>Group 1</b>						
Breaker, excavator mounted (hydraulic), 52kW	BS 5228 Table C.8/12	1	106	-5	100%	101
					<b>Total</b>	<b>101</b>
<b>Group 2</b>						
Excavator, mini-robot mounted	[1]	1	94	-5	100%	89
Generator, super silenced, 70 dB(A) at 7 m	CNP 103	1	95	-10	100%	85
Water pump (electric)	CNP 281	1	88	-10	100%	78
					<b>Total</b>	<b>91</b>
<b>Group 3</b>						
Lorry (35 t)	BS 5228 Table C.3/59	1	105	0	50%	102
					<b>Total</b>	<b>102</b>
					<b>Max. of Activity 1</b>	<b>102</b>
<b>Activity 2 - Footing Construction</b>						
<b>Group 1</b>						
Lorry (35 t)	BS 5228 Table C.3/59	1	105	0	50%	102
					<b>Total</b>	<b>102</b>
<b>Group 2</b>						
Generator, super silenced, 70 dB(A) at 7 m	CNP 103	1	95	-10	100%	85
Bar bender and cutter (electric)	CNP 021	1	90	0	100%	90
Water pump (electric)	CNP 281	1	88	-10	100%	78
					<b>Total</b>	<b>91</b>
<b>Group 3</b>						
Compactor, vibratory	CNP 050	1	105	-5	100%	100
Concrete lorry mixer (6m3)	BS 5228 Table C.6/23	1	100	0	100%	100
					<b>Total</b>	<b>103</b>
					<b>Max. of Activity 2</b>	<b>103</b>
<b>Activity 3 - Fence Installation</b>						
<b>Group 1</b>						
Lorry (35 t)	BS 5228 Table C.3/59	1	105	0	50%	102
					<b>Total</b>	<b>102</b>
<b>Group 2</b>						
Generator, super silenced, 70 dB(A) at 7 m	CNP 103	1	95	-10	100%	85
Drill/grinder, hand-held (electric)	CNP 065	1	98	-5	100%	93
					<b>Total</b>	<b>94</b>
					<b>Max. of Activity 3</b>	<b>102</b>
<b>Activity 4 - Road Construction</b>						
<b>Group 1</b>						
Lorry (35 t)	BS 5228 Table C.3/59	1	105	0	50%	102
					<b>Total</b>	<b>102</b>
<b>Group 2</b>						
Excavator, mini-robot mounted	[1]	1	94	-5	100%	89
					<b>Total</b>	<b>89</b>
<b>Group 3</b>						
Road roller	BS 5228 Table C.8/30	1	101	-5	100%	96
					<b>Total</b>	<b>96</b>
					<b>Max. of Activity 4</b>	<b>102</b>
<b>Activity 5 - Check Point Superstructure</b>						
<b>Group 1</b>						
Excavator, mini-robot mounted	[1]	1	94	-5	100%	89
					<b>Total</b>	<b>89</b>
<b>Group 2</b>						
Lorry (35 t)	BS 5228 Table C.3/59	1	105	0	50%	102
					<b>Total</b>	<b>102</b>
<b>Group 3</b>						
Generator, super silenced, 70 dB(A) at 7 m	CNP 103	1	95	-10	100%	85
Bar bender and cutter (electric)	CNP 021	1	90	0	100%	90
					<b>Total</b>	<b>91</b>
<b>Group 4</b>						
Compactor, vibratory	CNP 050	1	105	-5	100%	100
Concrete lorry mixer (6m3)	BS 5228 Table C.6/23	1	100	0	100%	100
Concrete pump (100kW)	BS 5228 Table C.6/36	1	106	-10	100%	96
					<b>Total</b>	<b>104</b>
					<b>Max. of Activity 5</b>	<b>104</b>
<b>Activity 6 - Demolition of Existing Boundary Fence and Check Points</b>						
<b>Group 1</b>						
Generator, super silenced, 70 dB(A) at 7 m	CNP 103	1	95	-10	100%	85
Drill/grinder, hand-held (electric)	CNP 065	1	98	-5	100%	93
					<b>Total</b>	<b>94</b>
<b>Group 2</b>						
Breaker, excavator mounted (hydraulic), 52kW	BS 5228 Table C.8/12	1	106	-5	100%	101
					<b>Total</b>	<b>101</b>
<b>Group 3</b>						
Excavator, mini-robot mounted	[1]	1	94	-5	100%	89
					<b>Total</b>	<b>89</b>
<b>Group 4</b>						
Lorry (35 t)	BS 5228 Table C.3/59	1	105	0	50%	102
					<b>Total</b>	<b>102</b>
					<b>Max. of Activity 6</b>	<b>102</b>

Note [1]: Details extracted from EPD website: [http://www.epd.gov.hk/epd/english/application\\_for\\_licences/guidance/files/OtherSWLe.pdf](http://www.epd.gov.hk/epd/english/application_for_licences/guidance/files/OtherSWLe.pdf)

Construction of a Secondary Boundary Fence and New Sections of Primary Boundary Fence and Boundary Patrol Road

NSRs		Slant Distance to the Nearest Construction Activities, (m)	Distance Correction, dB(A)	Façade Correction, dB(A)	Construction Activities and Maximum SWL (apart from Loading and Unloading Activities), dB(A)																Slant Distance to the Lorry, (m)	Distance Correction, dB(A)	Façade Correction, dB(A)	Section 1 - 4 Loading and Unloading Activities with the use of Lorry	Maximum SPL, dB(A)
					Section 1			Section 2				Section 3				Section 4									
					Excavation (1A)	Footing Construction (1B)	Fence Installation (1C)	Excavation (2A)	Footing Construction (2B)	Road Construction (2C)	Fence Installation (2D)	Excavation (3A)	Footing Construction (3B)	Road Construction (3C)	Fence Installation (3D)	Excavation (4A)	Footing Construction (4B)	Fence Installation (4C)	Check Point Superstructure (4D)						
					101	103	94	101	103	96	94	101	103	96	94	101	103	94	104						
Section 1	VH01	44.4	-41	3	63	65	56											64.4	-44	3	61	65			
Section 3	TKL01	43.2	-41	3					63	65	58	56						63.2	-44	3	61	65			
	KL01	18.2	-33	3					71	73	66	63						38.2	-40	3	65	73			
Section 4	STK01	41.5	-40	3										64	66	56		61.5	-44	3	61	66			
		131.9	-50	3													56	151.9	-52	3	53				
	STK03	16.4	-32	3										72	74	64		36.4	-39	3	66	74			
	72.5	-45	3													62	92.5	-47	3	58					

Construction of a Secondary Boundary Fence  
and New Sections of Primary Boundary Fence and Boundary Patrol Road

NSRs		Slant Distance to the Nearest Demolition Activities, (m)	Distance Correction, dB(A)	Façade Correction, dB(A)	Demolition Activities and Maximum SWL, dB(A)	
					Section 2	Section 3
					Demolition of Existing Boundary Fence	Demolition of Existing Boundary Fence
					101	101
Section 2	HAT01	8.9	-27	3	77	
	LMC01	20.6	-34	3	70	
	V01	11.1	-29	3	75	
	PH01	7.4	-25	3	79	
	MTL01	15.4	-32	3	72	
	TYL01	4.2	-20	3	84	
Section 3	WL01	49.1	-42	3		62
	WL02	6.3	-24	3		80

Slant Distance to the Lorry, (m)	Distance Correction, dB(A)	Façade Correction, dB(A)	Section 2 - 3	Maximum SPL, dB(A)
			Loading and Uploading Activities with the use of Lorry	
			102	
28.9	-37	3	68	77
40.6	-40	3	65	70
31.1	-38	3	67	75
27.4	-37	3	68	79
35.4	-39	3	66	72
24.2	-36	3	69	84
69.1	-45	3	60	62
26.3	-36	3	69	80

Construction of a Secondary Boundary Fence  
and New Sections of Primary Boundary Fence and Boundary Patrol Road

NSRs		Slant Distance to the Nearest Demolition Activities, (m)	Distance Correction, dB(A)	Façade Correction, dB(A)	Demolition Activities and Maximum SWL, dB(A)			
					Section 1	Section 2	Section 3	Section 4
					Demolition of Check Point	Demolition of Check Point	Demolition of Check Point	Demolition of Check Point
Section 2	LMC03	53.0	-42	3	101	101	101	101
						62		

Slant Distance to the Nearest Demolition Activities, (m)	Distance Correction, dB(A)	Façade Correction, dB(A)	Section 1 - 4	Maximum SPL, dB(A)
			Loading and Unloading Activities with the use of Lorry	
73.0	-45	3	102	62
			60	