Item		РМЕ	TM or other reference	SWL, dB(A)	No. of PME	% on time	Total SWL, dB(A)
1	Zone						
		Activity 5 - Superstructure Crane, tower (electric)	CNP 049	95	1 1	50%	92
		Crane, mobile/ barge mounted (diesel)	CNP 048	112	2	50%	112
		Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne	[1] CNP 047	105 109	2	50% 50%	105 109
		Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric)	[1]	109	5	50%	109
		Bar bender and cutter (electric)	CNP 021	90	2	50%	90
		Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min	CNP 103 CNP 003	95 104	1	100%	98 104
		Concrete lorry mixer	CNP 044	109	2	50%	109
		Drill/grinder, hand-held (electric)	CNP 065 CNP 281	98	5	30%	100
		Water pump (electric) Excavator/ loader, wheeled/ tracked	CNP 281 CNP 081	88 112	3	30%	88 112
		Fork Lift Truck	[2]	104	3	30%	104
		Hoist, passenger/ material (electric)	CNP 122	95	3 Total SW	30% L, dB (A)	95 118
					rotal orr	L, 00 (//	110
2	Zone	e 2 Activity 5 - Superstructure					
		Group 1					
		Crane, tower (electric)	CNP 049	95	4	50%	98
		Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne	CNP 048 [1]	112 105	4	50% 50%	115 108
		Concrete pump, stationary/ lorry mounted	CNP 047	109	4	50%	112
		Poker, vibratory, hand-held (electric)	[1]	102	12	50%	110
		Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m	CNP 021 CNP 103	90 95	6 4	50% 100%	95 101
		Air compressor, air flow > 30m3/min	CNP 003	104	4	100%	110
		Concrete lorry mixer	CNP 044	109	4	50%	112
					Total SW	L, dB (A)	120
		Group 2	1				
		Drill/grinder, hand-held (electric)	CNP 065	98	12	30%	104
		Water pump (electric) Excavator/ loader, wheeled/ tracked	CNP 281 CNP 081	88 112	8	30%	92 116
		Fork Lift Truck	[2]	104	8	30%	108
		Hoist, passenger/ material (electric) Generator, super silenced, 70 dB(A) at 7 m	CNP 122 CNP 103	95 95	8	30%	99
		Generator, super silenced, 70 db(A) at 7 m	CINF 103	90	Total SW	100% L, dB (A)	95 117
				Max	imum SW		120
3	Zone	e 3					
_		Activity 5 - Superstructure					
		Crane, tower (electric)	CNP 049	95	1	50%	92
		Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne	CNP 048	112 105	2	50% 50%	112 105
		Concrete pump, stationary/ lorry mounted	CNP 047	109	2	50%	109
		Poker, vibratory, hand-held (electric)	[1]	102	10	50%	109
		Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m	CNP 021 CNP 103	90 95	2	50% 100%	90 98
		Air compressor, air flow > 30m3/min	CNP 003	104	1	100%	104
		Concrete lorry mixer	CNP 044 CNP 065	109 98	6	50% 30%	109 101
		Drill/grinder, hand-held (electric) Water pump (electric)	CNP 281	88	4	30%	89
		Excavator/ loader, wheeled/ tracked	CNP 081	112	4	30%	113
		Fork Lift Truck Hoist, passenger/ material (electric)	[2] CNP 122	104 95	4	30%	105 96
		Holst, passenger/ material (electric)	OIN IZZ	3			
AIEIG					Total SW	L, dB (A)	118
4/5/6	Flore	Anchesen Foothridge / Kouleen Berk Foothridge			Total SW	L, dB (A)	118
1	Flyo	over / Anchorage Footbridge / Kowloon Park Footbridge			Total SW	L, dB (A)	118
	Flyo	ver / Anchorage Footbridge / Kowloon Park Footbridge Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min	CNP 002	102	Total SW	100%	102
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg	CNP 026	114	1 1	100%	102 109
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel)	CNP 026 CNP 048	114 112	1	100% 30% 100%	102 109 112
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg	CNP 026	114	1 1 1	100%	102 109
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne	CNP 026 CNP 048 [1]	114 112 105	1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100%	102 109 112 103 89 95
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric)	CNP 026 CNP 048 [1] CNP 021	114 112 105 90	1 1 1 1	100% 30% 100% 70% 80% 100%	102 109 112 103 89
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2	CNP 026 CNP 048 [1] CNP 021 CNP 103	114 112 105 90 95	1 1 1 1 1 1 1 Total SW	100% 30% 100% 70% 80% 100% L, dB (A)	102 109 112 103 89 95 114
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne - gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic)	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 103	114 112 105 90 95	1 1 1 1 1 1 Total SW	100% 30% 100% 70% 80% 100% L, dB (A)	102 109 112 103 89 95 114
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonine < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 103	114 112 105 90 95 122 108	1 1 1 1 1 1 Total SW	100% 30% 100% 70% 80% 100% L, dB (A)	102 109 112 103 89 95 114
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 103	114 112 105 90 95	1 1 1 1 1 1 Total SW	100% 30% 100% 70% 80% 100% L, dB (A)	102 109 112 103 89 95 114
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, excavator mounted (pneumatic) Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 103 CNP 027 CNP 024 CNP 044 [1] [1]	114 112 105 90 95 122 108 109 102	1 1 1 1 1 1 Total SW	100% 30% 100% 70% 80% 100% L, dB (A) 30% 30% 50% 20%	102 109 1112 103 89 95 114 117 103 106 98
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, shand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 024 CNP 024 [1] [1] [1] [1] [NP 201	114 112 105 90 95 122 108 109 102 105 108	1 1 1 1 1 1 Total SW	100% 30% 100% 70% 80% 100% L, dB (A) 30% 50% 50% 20% 80%	102 109 112 103 89 95 114 117 103 106 102 98
	Flyo	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, excavator mounted (pneumatic) Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 103 CNP 027 CNP 024 CNP 044 [1] [1]	114 112 105 90 95 122 108 109 102	1 1 1 1 1 1 Total SW	100% 30% 100% 70% 80% 100% L, dB (A) 30% 50% 50% 20% 80%	102 109 1112 103 89 95 114 117 103 106 98
		Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne - gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 024 CNP 024 [1] [1] [1] [1] [NP 201	114 112 105 90 95 122 108 109 102 105 108 95	1 1 1 1 1 Total SW	100% 30% 100% 70% 80% 100% L, dB (A) 30% 50% 50% 20% 80% 100% L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 107 95
7		Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m t Concrete Batching Plant (Demolition)	CNP 026 CNP 048 [1] CNP 021 CNP 021 CNP 027 CNP 024 CNP 044 [1] [1] CNP 040	114 112 105 90 95 122 108 109 102 105 108 95 Max	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100% L, dB (A) 30% 50% 50% 20% 100% L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118
7		Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne - gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m t Concrete Batching Plant (Demolition) Tracked crane (30kW) Generator, silenced, 75 dB(A) at 7 m	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 024 CNP 024 [1] [1] [1] [1] [NP 201	114 112 105 90 95 122 108 109 102 105 108 95 Max	1 1 1 1 1 1 Total SW 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 80% 1000% L, dB (A) 30% 50% 50% 50% 100% L, dB (A) L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 118 118 109
7		Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, shand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m t Concrete Batching Plant (Demolition) Tracked crane (30kW)	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 024 CNP 024 CNP 044 [1] CNP 201 CNP 103	114 112 105 90 95 122 108 109 102 105 108 95 Max	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 70% 80% L, dB (A) 30% 50% 50% 50% 50% 50% L, dB (A) L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118 118
	Wes	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne - gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m t Concrete Batching Plant (Demolition) Tracked crane (30kW) Generator, silenced, 75 dB(A) at 7 m	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 024 CNP 044 [1] [1] CNP 103 BS 5228 Table D.7/105 CNP 102	114 112 105 90 95 122 108 109 102 105 108 95 Max	1 1 1 1 1 1 Total SW 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 70% 80% L, dB (A) 30% 50% 50% 50% 50% 50% L, dB (A) L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 118 118 109
	Wes	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m t Concrete Batching Plant (Demolition) Tracked crane (30kW) Generator, silenced, 75 dB(A) at 7 m Welding set Construction (Optional) Group 1	CNP 026 CNP 048 [1] CNP 021 CNP 027 CNP 027 CNP 024 CNP 024 CNP 024 CNP 044 [1] [1] CNP 103 BS 5228 Table D.7/105 CNP 102 [2]	114 112 105 90 95 122 108 109 102 105 108 95 Max 108 100 78	1 1 1 1 1 1 Total SW 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100% L, dB (A) 30% 50% 50% 80% 1, dB (A) L, dB (A) 60% 60% 60% L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118 118 109 101 79
	Wes	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne c gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m t Concrete Batching Plant (Demolition) Tracked crane (30kW) Generator, silenced, 75 dB(A) at 7 m Welding set Construction (Optional) Group 1 Pling, large diameter bored, reverse circulation drill	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 024 CNP 044 [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	114 112 105 90 95 122 108 109 102 105 108 95 Max 108 100 78	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100% L, dB (A) 30% 50% 20% 80% 100% L, dB (A) L, dB (A) L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 118 118 119 109 101 79
	Wes	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m t Concrete Batching Plant (Demolition) Tracked crane (30kW) Generator, silenced, 75 dB(A) at 7 m Welding set Construction (Optional) Group 1	CNP 026 CNP 048 [1] CNP 021 CNP 027 CNP 027 CNP 024 CNP 024 CNP 024 CNP 044 [1] [1] CNP 103 BS 5228 Table D.7/105 CNP 102 [2]	114 112 105 90 95 122 108 109 102 105 108 95 Max 108 100 78	1 1 1 1 1 1 Total SW 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100% L, dB (A) 30% 50% 50% 80% 1, dB (A) L, dB (A) 60% 60% 60% L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118 118
	Wes	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m Concrete Batching Plant (Demolition) Tracked crane (30kW) Generator, silenced, 75 dB(A) at 7 m Welding set Construction (Optional) Group 1 Piling, large diameter bored, reverse circulation drill Crane, mobile/ barge mounted (diesel)	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 024 CNP 024 CNP 044 [1] [1] CNP 201 CNP 103 BS 5228 Table D.7/105 [2] CNP 102 [2]	114 112 105 90 95 108 109 109 105 108 95 Max 108 100 78	1 1 1 1 1 Total SW 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100% 100% 50% 50% 50% 80% L, dB (A) 40% 60% L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118 118 109 109
	Wes	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m t Concrete Batching Plant (Demolition) Tracked crane (30kW) Generator, silenced, 75 dB(A) at 7 m Welding set Construction (Optional) Group 1 Piling, large diameter bored, reverse circulation drill Crane, mobile/ barge mounted (diesel) Tug boat	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 024 CNP 024 CNP 044 [1] [1] CNP 201 CNP 103 BS 5228 Table D.7/105 [2] CNP 102 [2]	114 112 105 90 95 108 109 109 105 108 95 Max 108 100 78	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100% 100% 50% 50% 50% 80% L, dB (A) 40% 60% L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118 118 109 101 79 109
	Wes	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m Concrete Batching Plant (Demolition) Tracked crane (30kW) Generator, silenced, 75 dB(A) at 7 m Welding set Construction (Optional) Group 1 Piling, large diameter bored, reverse circulation drill Crane, mobile/ barge mounted (diesel)	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 024 CNP 024 CNP 044 [1] [1] CNP 103 BS 5228 Table D.7/105 CNP 102 [2] CNP 166 CNP 048	114 112 105 90 95 108 109 109 105 108 95 Max 108 100 78	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100% 100% 50% 50% 50% 80% L, dB (A) 40% 60% L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118 118 109 101 79 109
	Wes	Group 1	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 027 CNP 024 CNP 024 [1] [1] CNP 201 CNP 103 BS 5228 Table D.7/105 CNP 102 [2] CNP 102 [2] CNP 201 CNP 102 [2] CNP 102 [2] CNP 102 [2]	114 112 105 90 95 102 108 109 102 108 108 100 78 100 112 110 110 110 110 110 110 110 110	1 1 1 1 1 Total SW I 1 1 1 1 Total SW I 1 1 1 1 Total SW I 1 To	100% 30% 100% 100% 100% 100% 100% 100% 1	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118 118 109 101 79 109
	Wes	Group 1	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 027 CNP 024 CNP 044 [1] [1] [1] [1] [1] [1] [1] [1] [2] CNP 103 CNP 103 CNP 103 CNP 104 CNP 105 CNP 105 CNP 102 [2] CNP 106 CNP 047 CNP 044 CNP 221	114 112 105 90 95 122 108 109 102 105 105 108 100 78	1 1 1 1 1 Total SW 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100% 100% 1, dB (A) 30% 50% 20% 80% 100% L, dB (A) L, dB (A) L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118 118 109 101 179 109 100 110 110 110 110 110 110 110 11
	Wes	Group 1	CNP 026 CNP 048 [1] CNP 021 CNP 021 CNP 103 CNP 027 CNP 024 CNP 044 [1] [1] CNP 201 CNP 103 BS 5228 Table D.7/105 CNP 102 [2] CNP 166 CNP 048 CNP 221 CNP 047 CNP 044 CNP 024 CNP 047 CNP 048 CNP 108	114 112 109 109 88 88 105 105 105 105 109 109 95 109 109 109 100 100 100 100 100 100 100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100% 100% 100% 50% 50% 20% 80% 100% 60% 60% 60% 60% 100% 60% 100% 60% 100%	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118 118 109 101 179 109 110 110 101 102 111 103 106 107 107 108 119 109 110 109 109 109 109 109 109 109
	Wes	Group 1	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 027 CNP 024 CNP 044 [1] [1] [1] [1] [1] [1] [1] [1] [2] CNP 103 CNP 103 CNP 103 CNP 104 CNP 105 CNP 105 CNP 102 [2] CNP 106 CNP 047 CNP 044 CNP 221	114 112 105 90 95 122 108 109 102 105 105 108 100 78	1 1 1 1 1 Total SW 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100% 100% 1, dB (A) 30% 50% 20% 80% 100% L, dB (A) L, dB (A) L, dB (A)	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118 118 109 101 179 109 100 110 110 110 110 110 110 110 11
	Wes	Group 1 Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight ≈< 38 tonne Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Group 2 Breaker, excavator mounted (pneumatic) Breaker, hand-held, mass > 10kg and < 20kg Concrete lorry mixer Poker, vibratory, hand-held (electric) Grout pump Saw, circular, wood Generator, super silenced, 70 dB(A) at 7 m t Concrete Batching Plant (Demolition) Tracked crane (30kW) Generator, silenced, 75 dB(A) at 7 m Welding set Construction (Optional) Group 1 Piling, large diameter bored, reverse circulation drill Crane, mobile/ barge mounted (diesel) Tug boat Group 2 Concrete pump, stationary/ lorry mounted Concrete lorry mixer Water pump (electric) Generator, super silenced, 70 dB(A) at 7 m Water pump (electric) Generator, super silenced, 70 dB(A) at 7 m	CNP 026 CNP 048 [1] CNP 021 CNP 103 CNP 027 CNP 024 CNP 024 CNP 024 CNP 024 CNP 034 [1] [1] [1] [1] [1] [2] [2] CNP 103 BS 5228 Table D.7/105 CNP 102 [2] CNP 102 [2] CNP 048 CNP 221 CNP 048 CNP 221 CNP 047 CNP 044 CNP 281 CNP 103 CNP 103	114 112 105 90 95 122 108 109 102 105 108 100 78 100 112 110 110 109 109 95	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 30% 100% 70% 80% 100% 100% 50% 50% 50% 60% 100% 60% 100% 60% 100% 60% 100% 60% 100% 60% 100% 60% 100% 60%	102 109 112 103 89 95 114 117 103 106 102 98 107 95 118 118 109 101 79 109 101 109 110 108 112 113 108 109 101 109 101 101 109 101 109 109 109

n	РМЕ	TM or other reference	SWL, dB(A)	No. of PME	% on time	Total SW dB(A)
T	Group 3	6112.010	425		0001	
	Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 10m3/min and <= 30m3/min	CNP 048 CNP 002	112 102	2	60% 100%	110 105
	Generator, super silenced, 70 dB(A) at 7 m	CNP 103	95	2	100%	98
	Concrete pump, stationary/ lorry mounted	CNP 047	109	2	100%	112
	Concrete lorry mixer	CNP 044	109	2	60%	110
	Poker, vibratory, hand-held (electric)	[1]	102	4	80%	107
	Tug boat	CNP 221	110	1	60%	108
			Mavi	Total SW imum SW		117 117
Vi	iewing Platform (Optional)		IVIdXI	IIIIuiii 3vv	L, ub (A)	117
	Group 1 Piling, large diameter bored, reverse circulation drill	CNP 166	100	1	100%	100
	Crane, mobile/ barge mounted (diesel)	CNP 048	112	1	80%	111
	Tug boat	CNP 221	110	1	60%	108
				Total SW	L, dB (A)	113
	Group 2					
	Crane, mobile/ barge mounted (diesel)	CNP 048	112	2 Total SW	100%	115 115
			Maxi	imum SW		115
Fi	ire Services Department Staff Quarter Demolition	CNP 002	102	2	100%	105
	Air compressor, air flow > 10m3/min and <= 30m3/min Breaker, hand-held, mass > 35kg	CNP 026	114	2	30%	105 112
	Crane, mobile/ barge mounted (diesel)	CNP 048	112	2	100%	115
	Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne	[1]	105	2	70%	106
	Generator, silenced, 75 dB(A) at 7 m	CNP 102	100	2	60%	101
	Welding set	[2]	78	2 Total SW	60% L, dB (A)	79 117
E	xcluded Area (Fire Service Department Staff Quarter)			i otal SVV	∟, ub (A)	- 117
	Activity 1 - D Walling Crane, mobile/ barge mounted (diesel)	CNP 048	112	1	60%	110
	Air compressor, air flow > 30m3/min	CNP 046	104	1	100%	104
	Piling, diaphragm wall, hydraulic extractor	CNP 163	90	1	60%	88
	Excavator/ loader, wheeled/ tracked	CNP 081	112	1	60%	110
1	Grout Mixer	[1]	90	1	60%	88
1	Water pump, submersible (electric) Dump truck	CNP 283 CNP 067	85 117	1	60% 30%	83 112
1	Concrete lorry mixer	CNP 044	109	1	60%	107
1	Generator, super silenced, 70 dB(A) at 7 m	CNP 103	95	1	100%	95
				Total SW	L, dB (A)	116
	Activity 2 - Bored Piling Group 1					
	Crane, mobile/ barge mounted (diesel)	CNP 048	112	1	60%	110
	Excavator/ loader, wheeled/ tracked	CNP 081	112 112	1	30% 60%	107 110
	Piling Rig Drill Rig	[2]	112	1	60%	108
	Excavator/ loader, wheeled/ tracked	CNP 081	112	1	60%	110
	Piling, large diameter bored, grab and chisel	CNP 164	115	1	60%	113
	Piling, large diameter bored, reverse circulation drill	CNP 166	100	1	60%	98
	Piling, large diameter bored, oscillator					113
		CNP 165 CNP 003	115 104	1	60% 100%	
	Air compressor, air flow > 30m3/min Welding Set	CNP 003 [2]	104 78	1	100% 60%	104 76
	Air compressor, air flow > 30m3/min	CNP 003	104	1	100% 60%	104
	Air compressor, air flow > 30m3/min Welding Set Group 2	CNP 003 [2]	104 78	1 1 Total SW	100% 60% L, dB (A)	104 76 119
	Air compressor, air flow > 30m3/min Welding Set	CNP 003	104	1	100% 60%	104 76
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Ump	CNP 003 [2] CNP 048 [1] [1]	104 78 112 90 105	1 1 Total SW	100% 60% (L, dB (A) 60% 60%	104 76 119 110 88 103
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric)	CNP 003 [2] CNP 048 [1] [1] CNP 021	104 78 112 90 105 90	1 1 Total SW	100% 60% L, dB (A) 60% 60% 60%	104 76 119 110 88 103 88
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m	CNP 003 [2] CNP 048 [1] [1] CNP 021 CNP 021	104 78 112 90 105 90 95	1 1 Total SW	100% 60% L, dB (A) 60% 60% 60% 100%	104 76 119 110 88 103 88 95
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck	CNP 003 [2] CNP 048 [1] [1] CNP 021 CNP 021 CNP 067	104 78 112 90 105 90 95 117	1 1 Total SW	100% 60% L, dB (A) 60% 60% 60% 60% 100% 30%	104 76 119 110 88 103 88 95 112
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m	CNP 003 [2] CNP 048 [1] [1] CNP 021 CNP 021 CNP 103 CNP 067 CNP 044	104 78 112 90 105 90 95 117 109	1 1 Total SW	60% 60% L, dB (A) 60% 60% 60% 100% 30% 60% L, dB (A)	104 76 119 110 88 103 88 95 112 107 115
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck	CNP 003 [2] CNP 048 [1] [1] CNP 021 CNP 021 CNP 103 CNP 067 CNP 044	104 78 112 90 105 90 95 117 109	1 1 Total SW	60% 60% L, dB (A) 60% 60% 60% 100% 30% 60% L, dB (A)	104 76 119 110 88 103 88 95 112
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 103 CNP 067 CNP 044 Maximu	104 78 112 90 105 90 95 117 109 m SWL, d	1 1 Total SW 1 1 1 1 1 1 1 1 1 1 Total SW B (A) of F	100% 60% L, dB (A) 60% 60% 60% 100% 30% 60% L, dB (A) Activity 2	104 76 119 110 88 103 88 95 112 107 115 119
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel)	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 103 CNP 067 CNP 044 Maximu	104 78 112 90 105 90 95 117 109	1 1 1 Total SW	100% 60% L, dB (A) 60% 60% 60% 100% 30% 60% L, dB (A) Activity 2	104 76 119 110 88 103 88 95 112 107 115 119
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 103 CNP 067 CNP 044 Maximu	104 78 112 90 105 90 95 117 109 m SWL, d	1 1 Total SW 1 1 1 1 1 1 1 1 1 1 Total SW B (A) of F	100% 60% L, dB (A) 60% 60% 60% 100% 30% 60% L, dB (A) Activity 2	104 76 119 110 88 103 88 95 112 107 115 119
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel)	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 103 CNP 067 CNP 044 Maximu CNP 048 CNP 003 CNP 081 CNP 081	112 90 105 90 95 117 109 m SWL, c	1 1 1 Total SW	100% 60% L, dB (A) 60% 60% 60% 100% 30% L, dB (A) 100% 60% 100%	104 76 119 110 88 103 88 95 115 119 110 104 110 95
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 103 CNP 067 CNP 044 Maximul CNP 048 CNP 003 CNP 003 CNP 081	112 90 105 90 95 117 109 m SWL, c	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% L, dB (A) 60% 60% 60% 30% 60% L, dB (A) Activity 2 60% 100% 60% 100% 60% 100% 60% 100% 60%	104 76 119 110 110 110 88 88 103 88 95 112 110 115 119 110 104 110 110 110
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 103 CNP 067 CNP 044 Maximu CNP 048 CNP 003 CNP 081 CNP 081	112 90 105 90 95 117 109 m SWL, c	1 1 1 Total SW	100% 60% L, dB (A) 60% 60% 60% 30% 60% L, dB (A) Activity 2 60% 100% 60% 100% 60% 100% 60% 100% 60%	104 76 119 110 110 110 88 88 103 88 95 112 110 115 119 110 104 110 110 110
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 103 CNP 067 CNP 044 Maximul CNP 048 CNP 003 CNP 081 CNP 103 CNP 067	104 78 112 90 105 90 95 117 109 m SWL, o	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% L, dB (A) 60% 60% 60% 100% 30% L, dB (A) Activity 2 60% 100% 60% 100% 60% 100% 60% 100%	104 76 119 110 88 103 88 95 112 107 115 119 110 104 110 110 1110 1117
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric)	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 103 CNP 067 CNP 044 Maximu CNP 048 CNP 003 CNP 081 CNP 081	112 90 105 90 95 117 109 m SWL, c	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% L, dB (A) 60% 60% 60% 30% 60% L, dB (A) Activity 2 60% 100% 60% 100% 60% 100% 60% 100% 60%	104 76 119 110 88 103 88 95 112 110 115 119 110 110 110 110 110
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass	CNP 003 [2] CNP 048 [11] [11] CNP 021 CNP 103 CNP 067 CNP 044 Maximu CNP 048 CNP 003 CNP 081 CNP 103 CNP 067 CNP 067	104 78 112 90 105 90 95 117 109 m SWL, c	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% L, dB (A) 60% 60% 60% 60% 60% 100% 60% 100% 60% L, dB (A) 100% 100% 60% L, dB (A)	104 76 119 110 88 103 88 95 112 107 115 119 110 110 95 115 117
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tome < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted	CNP 003 [2] CNP 048 [1] [1] [1] [1] [NP 021 CNP 043 CNP 067 CNP 044 Maximu CNP 048 CNP 003 CNP 081 CNP 081 CNP 067 CNP 049 CNP 049 CNP 048 [1] CNP 048	104 78 112 90 95 117 109 m SWL, c	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% L, dB (A) 60% 60% 60% 60% 60% 60% 100% 60% 100% 30% L, dB (A) 100% 30% 100% 60% 60% 60% 60% 60% 60% 60%	104 76 119 110 88 95 107 115 119 110 95 115 117 93 110 93 110 110 110 110 110 110 110 11
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric)	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 103 CNP 067 CNP 044 Maximu CNP 048 CNP 003 CNP 081 CNP 003 CNP 067 CNP 049 CNP 049 CNP 049 CNP 048 [1] CNP 047	104 78 112 90 105 90 95 117 109 m SWL, o 112 95 117 112 95 117	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% 60% 60% 60% 100% 60% 100% 60% 100% 60% 100% 60% 60% 60% 60% 60% 60% 60%	104 76 119 110 88 110 103 107 107 107 107 107 107 107 107 119 110 110 110 110 110 110 110 110 110
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tones - gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric) Bar bender and cutter (electric) Bar bender and cutter (electric) Bar bender and cutter (electric)	CNP 003 [2] CNP 048 [1] [1] [1] [1] [NP 021 CNP 043 CNP 067 CNP 044 Maximu CNP 048 CNP 003 CNP 081 CNP 081 CNP 067 CNP 049 CNP 049 CNP 048 [1] CNP 048	104 78 112 90 95 117 109 m SWL, c	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% 60% 60% 60% 60% 60% 30% 40% 100% 60% 100% 60% 100% 60% 60% 60% 60% 60% 60% 60%	104 107 107 107 107 107 107 107 107 188
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric)	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 067 CNP 067 CNP 044 Maximul CNP 048 CNP 003 CNP 067 CNP 049 CNP 048 [1] CNP 049 CNP 048 [1] CNP 049 CNP 047 CNP 048 [1] CNP 047 [1] CNP 047 [1] CNP 047 [1] CNP 047 [1] CNP 048 [1] CNP 047 [1] CNP 048 [1] CNP 048 [1] CNP 049 CNP 048 [1] CNP 049 CNP 048 [1] CNP 049 CNP 049 CNP 048 [1] CNP 049 CNP 049 CNP 048 [1] CNP 049	104 78 112 90 105 90 95 117 109 m SWL, o	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% 60% 60% 60% 60% 60% 100% 60% 100% 60% 60% 60% 60% 60% 60% 60% 60% 60%	104
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane, mobile/ barge mounted (diesel) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight ≈< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 067 CNP 044 Maximu CNP 048 CNP 003 CNP 081 CNP 081 CNP 067 CNP 049 CNP 049 CNP 049 CNP 049 CNP 048 [1] CNP 049 CNP 048 [1] CNP 049	104 78 112 90 105 90 95 117 109 m SWL, c 112 95 117 104 112 95 117 105 105 107 109 100 100 100 100 100 100 100 100 100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	60% 60% 60% 60% 60% 60% 60% 60% 100% 400% 100% 60% 60% 60% 60% 60% 60% 60% 60% 60%	104 104 119 119 119 110 110 110 110 110 110 110
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane Lorry 5.5 tonne - gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry mixer	CNP 003 [2] CNP 048 [1] [1] [1] CNP 021 CNP 067 CNP 067 CNP 044 Maximul CNP 048 CNP 003 CNP 067 CNP 049 CNP 048 [1] CNP 049 CNP 048 [1] CNP 049 CNP 047 CNP 048 [1] CNP 047 [1] CNP 047 [1] CNP 047 [1] CNP 047 [1] CNP 048 [1] CNP 047 [1] CNP 048 [1] CNP 048 [1] CNP 049 CNP 048 [1] CNP 049 CNP 048 [1] CNP 049 CNP 049 CNP 048 [1] CNP 049 CNP 049 CNP 048 [1] CNP 049	104 78 112 90 105 90 95 117 109 m SWL, o	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	60% 60% 60% 60% 60% 60% 60% 60% 100% 400% 100% 60% 60% 60% 60% 60% 60% 60% 60% 60%	104
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	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry mixer Activity 5 - Superstructure Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane, tower (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry mixer	CNP 048 [1] CNP 048 [1] [1] [1] CNP 021 CNP 067 CNP 067 CNP 044 Maximu CNP 03 CNP 03 CNP 067 CNP 049 CNP 049 CNP 041 [1] CNP 042 CNP 044 CNP 045 CNP 046 CNP 047 [1] CNP 049 CNP 048 CNP 049 CNP 048 CNP 049 CNP 049 CNP 049 CNP 044 CNP 044	112 90 105 90 105 90 105 117 109 m SWL, c	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% 60% 60% 60% 60% 60% 30% 40% 100% 60% 100% 60% 100% 60% 100% 60% 100% 60% 60% 60% 60% 60% 60% 60% 60% 60%	104 104 119 119 119 119 119 119 119 119 119 11
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry mixer Activity 5 - Superstructure Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane, mobile/ barge mounted (diesel) Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane, mobile/ barge mounted (diesel) Crane, tower (electric)	CNP 003 [2] CNP 048 [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	104 78 112 90 105 90 95 117 109 m SWL, o 112 95 117 104 112 95 117 105 109 90 95 104 109	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% 60% 60% 60% 100% 30% 60% 100% 400% 100% 60% 100% 60% 100% 60% 100% 60% 60% 60% 60% 60% 60% 60% 60% 60%	104 0 104 119 110 110 110 110 110 110 110 110 110
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	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tone < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry mixer Activity 5 - Superstructure Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete lorry mixer Activity 5 - Superstructure Crane, nobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry mixer	CNP 048 [1] CNP 048 [1] [1] [1] CNP 021 CNP 030 CNP 067 CNP 044 Maximul CNP 030 CNP 030 CNP 067 CNP 049 CNP 040 CNP 040	104 78 112 90 105 90 95 117 109 m SWL, c 112 104 112 105 117 109 102 90 95 104 109 102 90 105 109 109 109 109 109 109 109 109 109 109	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% 60% 60% 60% 100% 30% 100% 100% 100% 100% 100% 100	1040 119 119 1110 110 110 110 110 110 110 1
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry mixer Activity 5 - Superstructure Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, shand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete pump, stationary/ lorry mounted Poker, vibratory, shand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min	CNP 048 [1] CNP 048 [1] [1] [1] CNP 021 CNP 067 CNP 048 CNP 067 CNP 048 CNP 003 CNP 003 CNP 081 CNP 067 CNP 049 CNP 049 CNP 049 CNP 049 CNP 040 [1] CNP 040 CNP 041 [1] CNP 042 CNP 048 [1] CNP 049 CNP 049 CNP 040 CNP 040 CNP 040 CNP 041 CNP 041 CNP 042 CNP 044 CNP 045 CNP 046 CNP 047 [1] CNP 047 CNP 048 CNP 049 CNP 040 CNP 041 CNP 047 CNP 041 CNP 041 CNP 043 CNP 044 CNP 046	104 78 112 90 105 90 95 117 109 m SWL, c 112 104 112 195 117 109 109 95 109 109 95 104 109 90 95 109 90 95 117	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% 60% 60% 60% 60% 60% 30% 60% 100% 30% 60% 100% 60% 100% 50% 60% 100% 50% 60% 60% 60% 60% 60% 60% 60% 60% 60% 6	1040 1040 1090 1090 1090 1090 1090 1090
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry mixer Activity 5 - Superstructure Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry mixer Cill Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry mixer Drill/grinder, hand-held (electric) Water pump (electric)	CNP 048 [1] CNP 048 [1] [1] CNP 021 CNP 047 CNP 048 CNP 047 CNP 049 CNP 049 CNP 048 [1] CNP 049 CNP 040 CNP 041 CNP 041 CNP 041 CNP 045 CNP 048 CNP 049	104 78 112 90 105 90 91 117 109 m SWL, o 112 104 112 95 117 105 109 95 1105 109 102 90 95 104 109 95 105 109 90 95 106 109 90 95 104 109 98 88	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% 60% 60% 60% 100% 60% 100% 60% 100% 60% 100% 60% 100% 60% 100% 60% 100% 60% 60% 60% 60% 60% 60% 60% 60% 60%	104 104 119 110 110 110 110 110 110 110 110 110
	Air compressor, air flow > 30m3/min Welding Set Group 2 Crane, mobile/ barge mounted (diesel) Grout Mixer Grout Pump Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Dump truck Concrete lorry mixer Activity 3 - Excavation Crane, mobile/ barge mounted (diesel) Air compressor, air flow > 30m3/min Excavator/ loader, wheeled/ tracked Generator, super silenced, 70 dB(A) at 7 m Dump truck Activity 4 - Basement and Underpass Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, hand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry mixer Activity 5 - Superstructure Crane, tower (electric) Crane, mobile/ barge mounted (diesel) Crane Lorry 5.5 tonne < gross vehicle weight =< 38 tonne Concrete pump, stationary/ lorry mounted Poker, vibratory, shand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete pump, stationary/ lorry mounted Poker, vibratory, shand-held (electric) Bar bender and cutter (electric) Generator, super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min Concrete lorry super silenced, 70 dB(A) at 7 m Air compressor, air flow > 30m3/min	CNP 048 [1] CNP 048 [1] [1] [1] CNP 021 CNP 067 CNP 048 CNP 067 CNP 048 CNP 003 CNP 003 CNP 081 CNP 067 CNP 049 CNP 049 CNP 049 CNP 049 CNP 040 [1] CNP 040 CNP 041 [1] CNP 042 CNP 048 [1] CNP 049 CNP 049 CNP 040 CNP 040 CNP 040 CNP 041 CNP 041 CNP 042 CNP 044 CNP 045 CNP 046 CNP 047 [1] CNP 047 CNP 048 CNP 049 CNP 040 CNP 041 CNP 047 CNP 041 CNP 041 CNP 043 CNP 044 CNP 046	104 78 112 90 105 90 95 117 109 m SWL, c 112 104 112 195 117 109 109 95 109 109 95 104 109 90 95 109 90 95 117	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 60% 60% 60% 60% 60% 60% 30% 60% 100% 30% 60% 100% 60% 100% 50% 60% 100% 50% 60% 60% 60% 60% 60% 60% 60% 60% 60% 6	1040 1040 1090 1090 1090 1090 1090 1090

Note: [1] Details extracted from EPD website: http://www.epd.gov.hk/epd/english/application_for_licences/guidance/files/OtherSWLe.pdf
[2] SWL of Welding Plant and Piling Rig are referred to the Appendix 5.1 of approved EIA Report of Hong Kong Section of Guangzhou - Shenzhen - Hong Kong Express Rail Link (AEIAR-143/2009)

NSR: HT1 (The Harbourside Tower 1)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	515	-62	3	59	59	59	59	59	
2) Zone 2										
Activity 5 - Superstructure	120	184	-53	3	69	69	69	69	69	
3) Zone 3										
Activity 5 - Superstructure	118	303	-58	3	64	64	64	64	64	
4) Anchorage Footbridge	118	325	-58	3	63	63	63	63	63	
5) Kowloon Park Footbridge (West)	118	643	-64	3	57					57
6) Kowloon Park Footbridge (South)	118	574	-63	3	58					58
7) West Concrete Batching Plant (Demolition)	109	506	-62	3	50	50				
8) West Pier (Optional)	117	846	-67	3	54	54				
9) South Pier (Optional)	117	347	-59	3	62	62				
10) Viewing Plartform (Optional)	115	342	-59	3	59	59				
11) Fire Services Department Staff Quarter Demolition	117	551	-63	3	58			58		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	551	-63	3	56				56	
Activity 2 - Bored Piling	119	551	-63	3	59				59	
Activity 3 - Excavation	117	551	-63	3	57				57	
Activity 4 - Basement and Underpass	115	551	-63	3	55				55	
Activity 5 - Superstructure	118	551	-63	3	58				58	
			Predicted Noi	se Level of this Pro	oject, dB (A)	72	71	71	72	60

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

NSR: HT3 (The Harbourside Tower 3)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	609	-64	3	57	57	57	57	57	
2) Zone 2										
Activity 5 - Superstructure	120	185	-53	3	69	69	69	69	69	
3) Zone 3										
Activity 5 - Superstructure	118	228	-55	3	66	66	66	66	66	
4) Anchorage Footbridge	118	272	-57	3	64	64	64	64	64	
5) Kowloon Park Footbridge (West)	118	732	-65	3	56					56
6) Kowloon Park Footbridge (South)	118	663	-64	3	56					56
7) West Concrete Batching Plant (Demolition)	109	419	-60	3	52	52				
8) West Pier (Optional)	117	756	-66	3	55	55				
9) South Pier (Optional)	117	327	-58	3	62	62				
10) Viewing Plartform (Optional)	115	412	-60	3	58	58				
11) Fire Services Department Staff Quarter Demolition	117	626	-64	3	57			57		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	626	-64	3	55				55	
Activity 2 - Bored Piling	119	626	-64	3	58				58	
Activity 3 - Excavation	117	626	-64	3	56				56	
Activity 4 - Basement and Underpass	115	626	-64	3	54				54	
Activity 5 - Superstructure	118	626	-64	3	57				57	
			Predicted Noi	se Level of this Pro	oject, dB (A)	73	72	72	72	59

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

NSR: AST (The Arch - Sun Tower)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	425	-61	3	60	60	60	60	60	
2) Zone 2										
Activity 5 - Superstructure	120	238	-56	3	67	67	67	67	67	
3) Zone 3										
Activity 5 - Superstructure	118	392	-60	3	62	62	62	62	62	
4) Anchorage Footbridge	118	372	-59	3	61	61	61	61	61	
5) Kowloon Park Footbridge (West)	118	555	-63	3	58					58
6) Kowloon Park Footbridge (South)	118	496	-62	3	59					59
7) West Concrete Batching Plant (Demolition)	109	598	-64	3	49	49				
8) West Pier (Optional)	117	936	-67	3	53	53				
9) South Pier (Optional)	117	396	-60	3	60	60				
10) Viewing Plartform (Optional)	115	297	-57	3	61	61				
11) Fire Services Department Staff Quarter Demolition	117	451	-61	3	59			59		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	451	-61	3	58				58	
Activity 2 - Bored Piling	119	451	-61	3	61				61	
Activity 3 - Excavation	117	451	-61	3	59				59	
Activity 4 - Basement and Underpass	115	451	-61	3	57				57	
Activity 5 - Superstructure	118	451	-61	3	60				60	
			Predicted Noi	se Level of this Pro	oiect. dB (A)	71	70	70	70	61

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

NSR: RD (Residential Development next to Austin Station)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	137	-51	3	70	70	70	70	70	
2) Zone 2										
Activity 5 - Superstructure	120	228	-55	3	67	67	67	67	67	
3) Zone 3										
Activity 5 - Superstructure	118	845	-67	3	55	55	55	55	55	
4) Anchorage Footbridge	118	754	-66	3	55	55	55	55	55	
5) Kowloon Park Footbridge (West)	118	240	-56	3	65					65
6) Kowloon Park Footbridge (South)	118	246	-56	3	65					65
7) West Concrete Batching Plant (Demolition)	109	1056	-68	3	44	44				
8) West Pier (Optional)	117	1391	-71	3	50	50				
9) South Pier (Optional)	117	771	-66	3	55	55				
10) Viewing Plartform (Optional)	115	447	-61	3	57	57				
11) Fire Services Department Staff Quarter Demolition	117	190	-54	3	67			67		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	190	-54	3	66				66	
Activity 2 - Bored Piling	119	190	-54	3	68				68	
Activity 3 - Excavation	117	190	-54	3	67				67	
Activity 4 - Basement and Underpass	115	190	-54	3	64				64	
Activity 5 - Superstructure	118	190	-54	3	67				67	
			Predicted Noi	se Level of this Pro	oiect. dB (A)	72	72	73	74	68

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

NSR: WOB (Wai On Building)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	160	-52	3	69	69	69	69	69	
2) Zone 2										
Activity 5 - Superstructure	120	296	-57	3	65	65	65	65	65	
3) Zone 3										
Activity 5 - Superstructure	118	930	-67	3	54	54	54	54	54	
4) Anchorage Footbridge	118	835	-66	3	54	54	54	54	54	
5) Kowloon Park Footbridge (West)	118	223	-55	3	66					66
6) Kowloon Park Footbridge (South)	118	263	-56	3	64					64
7) West Concrete Batching Plant (Demolition)	109	1140	-69	3	43	43				
8) West Pier (Optional)	117	1475	-71	3	49	49				
9) South Pier (Optional)	117	845	-67	3	54	54				
10) Viewing Plartform (Optional)	115	508	-62	3	56	56				
11) Fire Services Department Staff Quarter Demolition	117	185	-53	3	67			67		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	185	-53	3	66				66	
Activity 2 - Bored Piling	119	185	-53	3	69				69	
Activity 3 - Excavation	117	185	-53	3	67				67	
Activity 4 - Basement and Underpass	115	185	-53	3	64				64	
Activity 5 - Superstructure	118	185	-53	3	67				67	
			Predicted Noi	se Level of this Pro	oiect. dB (A)	71	71	72	73	68

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

NSR: VT1 (The Victoria Towers - Tower 1)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	93	-47	3	73	73	73	73	73	
2) Zone 2										
Activity 5 - Superstructure	120	260	-56	3	66	66	66	66	66	
3) Zone 3										
Activity 5 - Superstructure	118	904	-67	3	54	54	54	54	54	
4) Anchorage Footbridge	118	871	-67	3	54	54	54	54	54	
5) Kowloon Park Footbridge (West)	118	93	-47	3	73					73
6) Kowloon Park Footbridge (South)	118	139	-51	3	70					70
7) West Concrete Batching Plant (Demolition)	109	1136	-69	3	43	43				
8) West Pier (Optional)	117	1451	-71	3	49	49				
9) South Pier (Optional)	117	786	-66	3	54	54				
10) Viewing Plartform (Optional)	115	422	-61	3	58	58				
11) Fire Services Department Staff Quarter Demolition	117	70	-45	3	76			76		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	70	-45	3	74				74	
Activity 2 - Bored Piling	119	70	-45	3	77				77	
Activity 3 - Excavation	117	70	-45	3	75				75	
Activity 4 - Basement and Underpass	115	70	-45	3	73				73	
Activity 5 - Superstructure	118	70	-45	3	76				76	
			Predicted No	se Level of this Pro	oject, dB (A)	74	74	78	79	75

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

NSR: VT2 (The Victoria Towers - Tower 2)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	102	-48	3	73	73	73	73	73	
2) Zone 2										
Activity 5 - Superstructure	120	283	-57	3	66	66	66	66	66	
3) Zone 3										
Activity 5 - Superstructure	118	925	-67	3	54	54	54	54	54	
4) Anchorage Footbridge	118	874	-67	3	54	54	54	54	54	
5) Kowloon Park Footbridge (West)	118	137	-51	3	70					70
6) Kowloon Park Footbridge (South)	118	187	-53	3	67					67
7) West Concrete Batching Plant (Demolition)	109	1151	-69	3	43	43				
8) West Pier (Optional)	117	1471	-71	3	49	49				
9) South Pier (Optional)	117	816	-66	3	54	54				
10) Viewing Plartform (Optional)	115	462	-61	3	57	57				
11) Fire Services Department Staff Quarter Demolition	117	109	-49	3	72			72		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	109	-49	3	70				70	
Activity 2 - Bored Piling	119	109	-49	3	73				73	
Activity 3 - Excavation	117	109	-49	3	71				71	
Activity 4 - Basement and Underpass	115	109	-49	3	69				69	
Activity 5 - Superstructure	118	109	-49	3	72				72	
			Predicted Noi	se Level of this Pro	oject, dB (A)	74	74	76	76	72

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

NSR: LCS (Lai Chack Middle School)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	100	-48	3	73	73	73	73	73	
2) Zone 2										
Activity 5 - Superstructure	120	270	-57	3	66	66	66	66	66	
3) Zone 3										
Activity 5 - Superstructure	118	912	-67	3	54	54	54	54	54	
4) Anchorage Footbridge	118	903	-67	3	54	54	54	54	54	
5) Kowloon Park Footbridge (West)	118	33	-38	3	83					83
6) Kowloon Park Footbridge (South)	118	105	-48	3	72					72
7) West Concrete Batching Plant (Demolition)	109	1150	-69	3	43	43				
8) West Pier (Optional)	117	1455	-71	3	49	49				
9) South Pier (Optional)	117	780	-66	3	55	55				
10) Viewing Plartform (Optional)	115	398	-60	3	58	58				
11) Fire Services Department Staff Quarter Demolition	117	50	-42	3	78			78		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	50	-42	3	77				77	
Activity 2 - Bored Piling	119	50	-42	3	80				80	
Activity 3 - Excavation	117	50	-42	3	78				78	
Activity 4 - Basement and Underpass	115	50	-42	3	76				76	
Activity 5 - Superstructure	118	50	-42	3	79				79	
			Predicted No	se Level of this Pro	oiect. dB (A)	74	74	80	81	83

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria

Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

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Unmitigated Construction Noise Impact

NSR: CRGPS (Canton Road Government Primary School)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	115	-49	3	72	72	72	72	72	
2) Zone 2										
Activity 5 - Superstructure	120	280	-57	3	66	66	66	66	66	
3) Zone 3										
Activity 5 - Superstructure	118	916	-67	3	54	54	54	54	54	
4) Anchorage Footbridge	118	915	-67	3	54	54	54	54	54	
5) Kowloon Park Footbridge (West)	118	14	-31	3	90					90
6) Kowloon Park Footbridge (South)	118	100	-48	3	73					73
7) West Concrete Batching Plant (Demolition)	109	1155	-69	3	43	43				
8) West Pier (Optional)	117	1455	-71	3	49	49				
9) South Pier (Optional)	117	775	-66	3	55	55				
10) Viewing Plartform (Optional)	115	400	-60	3	58	58				
11) Fire Services Department Staff Quarter Demolition	117	50	-42	3	78			78		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	50	-42	3	77				77	
Activity 2 - Bored Piling	119	50	-42	3	80				80	
Activity 3 - Excavation	117	50	-42	3	78				78	
Activity 4 - Basement and Underpass	115	50	-42	3	76				76	
Activity 5 - Superstructure	118	50	-42	3	79				79	
	•		Predicted Noi	se Level of this Pro	piect. dB (A)	73	73	79	81	90

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

NSR: FQa (Fire Services Department Staff Quarter)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 vears)*	Footbridge Construction (2 years)
1) Zone 1							•			
Activity 5 - Superstructure	118	48	-42	3	79	79	79			
2) Zone 2										
Activity 5 - Superstructure	120	172	-53	3	70	70	70			
3) Zone 3										
Activity 5 - Superstructure	118	810	-66	3	55	55	55			
4) Anchorage Footbridge	118	815	-66	3	55	55	55			
5) Kowloon Park Footbridge (West)	118	89	-47	3	74					
6) Kowloon Park Footbridge (South)	118	56	-43	3	78					
7) West Concrete Batching Plant (Demolition)	109	1050	-68	3	44	44				
8) West Pier (Optional)	117	1350	-71	3	50	50				
9) South Pier (Optional)	117	680	-65	3	56	56				
10) Viewing Plartform (Optional)	115	311	-58	3	60	60				
11) Fire Services Department Staff Quarter Demolition										
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling										
Activity 2 - Bored Piling										
Activity 3 - Excavation										
Activity 4 - Basement and Underpass										
Activity 5 - Superstructure	118									
-			Predicted Noi	se Level of this Pro	piect. dB (A)	80	80			0

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria

Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

*Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

NSR: FQb (Fire Services Department Staff Quarter)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	59	-43	3	77	77	77			
2) Zone 2										
Activity 5 - Superstructure	120	181	-53	3	69	69	69			
3) Zone 3										
Activity 5 - Superstructure	118	808	-66	3	55	55	55			
4) Anchorage Footbridge	118	825	-66	3	55	55	55			
5) Kowloon Park Footbridge (West)	118	82	-46	3	75					
6) Kowloon Park Footbridge (South)	118	45	-41	3	80					
7) West Concrete Batching Plant (Demolition)	109	1053	-68	3	44	44				
8) West Pier (Optional)	117	1353	-71	3	50	50				
9) South Pier (Optional)	117	675	-65	3	56	56				
10) Viewing Plartform (Optional)	115	306	-58	3	60	60				
11) Fire Services Department Staff Quarter Demolition										
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling										
Activity 2 - Bored Piling										
Activity 3 - Excavation										
Activity 4 - Basement and Underpass										
Activity 5 - Superstructure	118									
			Predicted No	se Level of this Pro	oject, dB (A)	78	78			

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria

Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

*Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

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Unmitigated Construction Noise Impact

NSR: CUL (The Cullirian I)

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	759	-66	3	55	55	55	55	55	
2) Zone 2										
Activity 5 - Superstructure	120	333	-58	3	64	64	64	64	64	
3) Zone 3										
Activity 5 - Superstructure	118	377	-60	3	62	62	62	62	62	
4) Anchorage Footbridge	118	58	-43	3	78	78	78	78	78	
5) Kowloon Park Footbridge (West)	118	882	-67	3	54					54
6) Kowloon Park Footbridge (South)	118	813	-66	3	55					55
7) West Concrete Batching Plant (Demolition)	109	451	-61	3	51	51				
8) West Pier (Optional)	117	826	-66	3	54	54				
9) South Pier (Optional)	117	476	-62	3	59	59				
10) Viewing Plartform (Optional)	115	561	-63	3	55	55				
11) Fire Services Department Staff Quarter Demolition	117	751	-66	3	55			55		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	751	-66	3	54				54	
Activity 2 - Bored Piling	119	751	-66	3	57				57	
Activity 3 - Excavation	117	751	-66	3	55				55	
Activity 4 - Basement and Underpass	115	751	-66	3	52				52	
Activity 5 - Superstructure	118	751	-66	3	55				55	
			Predicted No	se Level of this Pro	piect. dB (A)	78	78	78	78	57

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure										
2) Zone 2										
Activity 5 - Superstructure										
3) Zone 3										
Activity 5 - Superstructure										
4) Anchorage Footbridge										
5) Kowloon Park Footbridge (West)	118	75	-46	3	75					75
6) Kowloon Park Footbridge (South)	118	30	-38	3	83					83
7) West Concrete Batching Plant (Demolition)										
8) West Pier (Optional)										
9) South Pier (Optional)										
10) Viewing Plartform (Optional)										
11) Fire Services Department Staff Quarter Demolition										
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling										
Activity 2 - Bored Piling										
Activity 3 - Excavation										
Activity 4 - Basement and Underpass										
Activity 5 - Superstructure										
-			Predicted Noi	se Level of this Pro	oject, dB (A)					84

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria

Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

*Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	124	-50	3	71	71	71	71	71	
2) Zone 2										
Activity 5 - Superstructure	120	35	-39	3	84	84	84	84	84	
3) Zone 3										
Activity 5 - Superstructure	118	663	-64	3	57	57	57	57	57	
4) Anchorage Footbridge	118	666	-64	3	56	56	56	56	56	
5) Kowloon Park Footbridge (West)	118	243	-56	3	65					65
6) Kowloon Park Footbridge (South)	118	187	-53	3	67					67
7) West Concrete Batching Plant (Demolition)	109	915	-67	3	45	45				
8) West Pier (Optional)	117	1215	-70	3	51	51				
9) South Pier (Optional)	117	566	-63	3	57	57				
10) Viewing Plartform (Optional)	115	232	-55	3	63	63				
11) Fire Services Department Staff Quarter Demolition	117	104	-48	3	72			72		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	104	-48	3	71				71	
Activity 2 - Bored Piling	119	104	-48	3	74				74	
Activity 3 - Excavation	117	104	-48	3	72				72	
Activity 4 - Basement and Underpass	115	104	-48	3	69				69	
Activity 5 - Superstructure	118	104	-48	3	72				72	
· · · · · · · · · · · · · · · · · · ·			Predicted No	se Level of this Pro	oject, dB (A)	84	84	84	84	69

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria

Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	45	-41	3	80	80	80	80	80	
2) Zone 2										
Activity 5 - Superstructure	120	66	-44	3	78	78	78	78	78	
3) Zone 3										
Activity 5 - Superstructure	118	696	-65	3	57	57	57	57	57	
4) Anchorage Footbridge	118	711	-65	3	56	56	56	56	56	
5) Kowloon Park Footbridge (West)	118	162	-52	3	69					69
6) Kowloon Park Footbridge (South)	118	118	-49	3	71					71
7) West Concrete Batching Plant (Demolition)	109	950	-68	3	45	45				
8) West Pier (Optional)	117	1250	-70	3	50	50				
9) South Pier (Optional)	117	601	-64	3	57	57				
10) Viewing Plartform (Optional)	115	252	-56	3	62	62				
11) Fire Services Department Staff Quarter Demolition	117	104	-48	3	72			72		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	104	-48	3	71				71	
Activity 2 - Bored Piling	119	104	-48	3	74				74	
Activity 3 - Excavation	117	104	-48	3	72				72	
Activity 4 - Basement and Underpass	115	104	-48	3	69				69	
Activity 5 - Superstructure	118	104	-48	3	72				72	
· · · · · · · · · · · · · · · · · · ·	•		Predicted Noi	se Level of this Pro	piect_dB (A)	82	82	83	83	73

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1				•			•			
Activity 5 - Superstructure	118	45	-41	3	80	80	80	80	80	
2) Zone 2										
Activity 5 - Superstructure	120	66	-44	3	78	78	78	78	78	
3) Zone 3										
Activity 5 - Superstructure	118	696	-65	3	57	57	57	57	57	
4) Anchorage Footbridge	118	711	-65	3	56	56	56	56	56	
5) Kowloon Park Footbridge (West)	118	162	-52	3	69					69
6) Kowloon Park Footbridge (South)	118	118	-49	3	71					71
7) West Concrete Batching Plant (Demolition)	109	950	-68	3	45	45				
8) West Pier (Optional)	117	1250	-70	3	50	50				
9) South Pier (Optional)	117	601	-64	3	57	57				
10) Viewing Plartform (Optional)	115	252	-56	3	62	62				
11) Fire Services Department Staff Quarter Demolition	117	104	-48	3	72			72		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	104	-48	3	71				71	
Activity 2 - Bored Piling	119	104	-48	3	74				74	
Activity 3 - Excavation	117	104	-48	3	72				72	
Activity 4 - Basement and Underpass	115	104	-48	3	69				69	
Activity 5 - Superstructure	118	104	-48	3	72				72	
	·		Predicted Noi	se Level of this Pro	oject, dB (A)	82	82	83	83	73

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria

Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	192	-54	3	67	67	67	67	67	
2) Zone 2										
Activity 5 - Superstructure	120	53	-42	3	80	80	80	80	80	
3) Zone 3										
Activity 5 - Superstructure	118	541	-63	3	59	59	59	59	59	
4) Anchorage Footbridge	118	611	-64	3	57	57	57	57	57	
5) Kowloon Park Footbridge (West)	118	301	-58	3	63					63
6) Kowloon Park Footbridge (South)	118	242	-56	3	65					65
7) West Concrete Batching Plant (Demolition)	109	800	-66	3	46	46				
8) West Pier (Optional)	117	1100	-69	3	52	52				
9) South Pier (Optional)	117	451	-61	3	59	59				
10) Viewing Plartform (Optional)	115	123	-50	3	68	68				
11) Fire Services Department Staff Quarter Demolition	117	242	-56	3	65			65		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	242	-56	3	64				64	
Activity 2 - Bored Piling	119	242	-56	3	66				66	
Activity 3 - Excavation	117	242	-56	3	64				64	
Activity 4 - Basement and Underpass	115	242	-56	3	62				62	
Activity 5 - Superstructure	118	242	-56	3	65				65	
			Predicted Noi	se Level of this Pro	piect. dB (A)	81	80	81	81	67

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	332	-58	3	62	62	62	62	62	
2) Zone 2										
Activity 5 - Superstructure	120	168	-53	3	70	70	70	70	70	
3) Zone 3										
Activity 5 - Superstructure	118	401	-60	3	61	61	61	61	61	
4) Anchorage Footbridge	118	476	-62	3	59	59	59	59	59	
5) Kowloon Park Footbridge (West)	118	456	-61	3	60					60
6) Kowloon Park Footbridge (South)	118	386	-60	3	61					61
7) West Concrete Batching Plant (Demolition)	109	651	-64	3	48	48				
8) West Pier (Optional)	117	951	-68	3	53	53				
9) South Pier (Optional)	117	351	-59	3	61	61				
10) Viewing Plartform (Optional)	115	153	-52	3	66	66				
11) Fire Services Department Staff Quarter Demolition	117	376	-60	3	61			61		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	376	-60	3	60				60	
Activity 2 - Bored Piling	119	376	-60	3	63				63	
Activity 3 - Excavation	117	376	-60	3	61				61	
Activity 4 - Basement and Underpass	115	376	-60	3	58				58	
Activity 5 - Superstructure	118	376	-60	3	61				61	
			Predicted No	se Level of this Pro	oject, dB (A)	73	72	72	72	63

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	400	-60	3	61	61	61	61	61	
2) Zone 2										
Activity 5 - Superstructure	120	131	-50	3	72	72	72	72	72	
3) Zone 3										
Activity 5 - Superstructure	118	340	-59	3	63	63	63	63	63	
4) Anchorage Footbridge	118	515	-62	3	59	59	59	59	59	
5) Kowloon Park Footbridge (West)	118	510	-62	3	59					59
6) Kowloon Park Footbridge (South)	118	440	-61	3	60					60
7) West Concrete Batching Plant (Demolition)	109	625	-64	3	49	49				
8) West Pier (Optional)	117	890	-67	3	53	53				
9) South Pier (Optional)	117	251	-56	3	64	64				
10) Viewing Plartform (Optional)	115	87	-47	3	71	71				
11) Fire Services Department Staff Quarter Demolition	117	242	-56	3	65			65		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	242	-56	3	64				64	
Activity 2 - Bored Piling	119	242	-56	3	66				66	
Activity 3 - Excavation	117	242	-56	3	64				64	
Activity 4 - Basement and Underpass	115	242	-56	3	62				62	
Activity 5 - Superstructure	118	242	-56	3	65				65	
			Predicted Noi	se Level of this Pro	oiect. dB (A)	76	73	74	74	62

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

N3R: P29										
Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	628	-64	3	57	57	57	57	57	
2) Zone 2										
Activity 5 - Superstructure	120	90	-47	3	76	76	76	76	76	
3) Zone 3										
Activity 5 - Superstructure	118	161	-52	3	69	69	69	69	69	
4) Anchorage Footbridge	118	366	-59	3	62	62	62	62	62	
5) Kowloon Park Footbridge (West)	118	741	-65	3	55					55
6) Kowloon Park Footbridge (South)	118	671	-65	3	56					56
7) West Concrete Batching Plant (Demolition)	109	396	-60	3	52	52				
8) West Pier (Optional)	117	706	-65	3	55	55				
9) South Pier (Optional)	117	217	-55	3	66	66				
10) Viewing Plartform (Optional)	115	374	-59	3	59	59				
11) Fire Services Department Staff Quarter Demolition	117	626	-64	3	57			57		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	626	-64	3	55				55	
Activity 2 - Bored Piling	119	626	-64	3	58				58	
Activity 3 - Excavation	117	626	-64	3	56				56	
Activity 4 - Basement and Underpass	115	626	-64	3	54				54	
Activity 5 - Superstructure	118	626	-64	3	57				57	
_	•		Predicted No	se Level of this Pro	oject, dB (A)	77	77	77	77	59

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria

Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

*Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

NSR: P32a

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1										
Activity 5 - Superstructure	118	642	-64	3	57	57	57	57	57	
2) Zone 2										
Activity 5 - Superstructure	120	36	-39	3	83	83	83	83	83	
3) Zone 3										
Activity 5 - Superstructure	118	169	-53	3	69	69	69	69	69	
4) Anchorage Footbridge	118	470	-61	3	59	59	59	59	59	
5) Kowloon Park Footbridge (West)	118	740	-65	3	55					55
6) Kowloon Park Footbridge (South)	118	663	-64	3	56					56
7) West Concrete Batching Plant (Demolition)	109	425	-61	3	52	52				
8) West Pier (Optional)	117	690	-65	3	56	56				
9) South Pier (Optional)	117	114	-49	3	71	71				
10) Viewing Plartform (Optional)	115	335	-59	3	59	59				
11) Fire Services Department Staff Quarter Demolition	117	650	-64	3	56			56		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	650	-64	3	55				55	
Activity 2 - Bored Piling	119	650	-64	3	58				58	
Activity 3 - Excavation	117	650	-64	3	56				56	
Activity 4 - Basement and Underpass	115	650	-64	3	53				53	
Activity 5 - Superstructure	118	650	-64	3	57				57	
			Predicted Noi	se Level of this Pro	oiect. dB (A)	84	84	84	84	59

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria
Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.

NSR: P32b

Construction Programme with Predicted Noise Level	Total	Distance	Distance	Facade	Calculated	2021		2022-2030		After 2030
(dB, (A))	SWL, dB (A)	(m)	Correction, dB (A)	Correction, dB(A)	SPL, dB(A)	Jan-Dec	Before FQ Relocation (Before 2025)	FQ Demolition (Half year)	Excluded Area Construction (3 years)*	Footbridge Construction (2 years)
1) Zone 1				•			•			
Activity 5 - Superstructure	118	660	-64	3	56	56	56	56	56	
2) Zone 2										
Activity 5 - Superstructure	120	50	-42	3	81	81	81	81	81	
3) Zone 3										
Activity 5 - Superstructure	118	156	-52	3	70	70	70	70	70	
4) Anchorage Footbridge	118	475	-62	3	59	59	59	59	59	
5) Kowloon Park Footbridge (West)	118	755	-66	3	55					55
6) Kowloon Park Footbridge (South)	118	680	-65	3	56					56
7) West Concrete Batching Plant (Demolition)	109	420	-60	3	52	52				
8) West Pier (Optional)	117	680	-65	3	56	56				
9) South Pier (Optional)	117	109	-49	3	72	72				
10) Viewing Plartform (Optional)	115	353	-59	3	59	59				
11) Fire Services Department Staff Quarter Demolition	117	650	-64	3	56			56		
12) Excluded Area (Fire Service Department Staff										
Activity 1 - D Walling	116	650	-64	3	55				55	
Activity 2 - Bored Piling	119	650	-64	3	58				58	
Activity 3 - Excavation	117	650	-64	3	56				56	
Activity 4 - Basement and Underpass	115	650	-64	3	53				53	
Activity 5 - Superstructure	118	650	-64	3	57				57	
			Predicted Noi	se Level of this Pro	oject, dB (A)	81	81	81	81	59

Note: Bold figure in shaded box denotes exceedance of relevant construction noise criteria

Distances between NSR and the activities are different in same zone since worst case scenario of their notional point have been adopted.

* Activities after Fire Service Department Staff Quarter in excluded area will not be carried out simultaneously. Therefore, maximum predicted noise level of those activities has been adopted as conservative approch.