

PME	TM or other reference	SWL, dB(A)	No. of PME	% on time	Total SWL, dB(A)
Construction for TSW Development at Ocean Park					
Activity 1 - EVA, Slope Stabilisation & Site Formation					
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	1	100%	102
Breaker, hand-held, mass ≥ 20kg and ≤ 35kg	CNP 025	111	1	50%	108
Concrete lorry mixer	CNP 044	109	2	50%	109
Crane, mobile/ barge mounted (diesel)	CNP 048	112	1	50%	109
Poker, vibratory, hand-held	CNP 170	113	2	100%	116
Bar bender and cutter (electric)	CNP 021	90	1	100%	90
Drill/grinder, hand-held (electric)	CNP 065	98	2	100%	101
Saw, circular, wood	CNP 201	108	2	100%	111
Dump truck, 5.5 tonne < gross vehicle weight ≤ 38 tonne	[1]	105	15	50%	114
Excavator/ loader, wheeled/ tracked	CNP 081	112	3	80%	116
Total SWL, dB (A)					122
Activity 2 - Foundation					
Air compressor, air flow > 30m ³ /min	CNP 003	104	2	60%	105
Concrete lorry mixer	CNP 044	109	2	75%	111
Crane, mobile/ barge mounted (diesel)	CNP 048	112	4	80%	117
Poker, vibratory, hand-held	CNP 170	113	2	100%	116
Bar bender and cutter (electric)	CNP 021	90	2	80%	92
Drill/grinder, hand-held (electric)	CNP 065	98	2	50%	98
Saw, circular, wood	CNP 201	108	1	80%	107
Pipe piling rig (0.225 dia) (39 kW)	BS 5228 Table D.4/46	102	4	80%	107
Total SWL, dB (A)					121
Activity 3 - Main Building Construction					
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	2	80%	104
Breaker, hand-held, mass ≥ 20kg and ≤ 35kg	CNP 025	111	2	50%	111
Concrete lorry mixer	CNP 044	109	6	80%	116
Concrete pump, stationary/ lorry mounted	CNP 047	109	1	50%	106
Poker, vibratory, hand-held	CNP 170	113	6	80%	120
Bar bender and cutter (electric)	CNP 021	90	6	100%	98
Drill/grinder, hand-held (electric)	CNP 065	98	2	50%	98
Saw, circular, wood	CNP 201	108	6	70%	114
Crane, tower (electric)	CNP 049	95	3	100%	100
Crane, mobile/ barge mounted (diesel)	CNP 048	112	1	50%	109
Lorry, gross vehicle weight > 38 tonne	[1]	112	1	50%	109
Total SWL, dB (A)					123

PME	TM or other reference	SWL, dB(A)	No. of PME	% on time	Total SWL, dB(A)
Construction for TSW Development at Ocean Park					
Activity 4 - Superstructure					
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	2	80%	104
Breaker, hand-held, mass ≥ 20kg and ≤ 35kg	CNP 025	111	2	50%	111
Concrete lorry mixer	CNP 044	109	6	80%	116
Concrete pump, stationary/ lorry mounted	CNP 047	109	1	50%	106
Poker, vibratory, hand-held	CNP 170	113	6	80%	120
Bar bender and cutter (electric)	CNP 021	90	6	100%	98
Drill/grinder, hand-held (electric)	CNP 065	98	2	50%	98
Saw, circular, wood	CNP 201	108	6	70%	114
Crane, tower (electric)	CNP 049	95	3	100%	100
Crane, mobile/ barge mounted (diesel)	CNP 048	112	1	50%	109
Lorry, gross vehicle weight > 38 tonne	[1]	112	1	50%	109
Total SWL, dB (A)					123
Activity 5 - Glass Curtain Wall Installation					
Crane, mobile/ barge mounted (diesel)	CNP 048	112	3	100%	117
Drill/grinder, hand-held (electric)	CNP 065	98	2	50%	98
Crane, tower (electric)	CNP 049	95	3	70%	98
Total SWL, dB (A)					117
Activity 6 - Water Rides Installation					
Crane, mobile/ barge mounted (diesel)	CNP 048	112	2	100%	115
Drill/grinder, hand-held (electric)	CNP 065	98	1	50%	95
Crane, tower (electric)	CNP 049	95	2	70%	96
Total SWL, dB (A)					115
Activity 7 - Interior Fitting Out					
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	2	100%	105
Drill/grinder, hand-held (electric)	CNP 065	98	4	100%	104
Saw, circular, wood	CNP 201	108	3	100%	113
Total SWL, dB (A)					114
Barging Point²					
Derrick barge	CNP 061	104	1	100%	104
Tug boat	CNP 221	110	1	100%	110
Total SWL, dB (A)					111
Sewage Rising Main					
Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	108	2	100%	111
Generator, silenced, 75 dB(A) at 7 m	CNP 102	100	1	100%	100
Compactor, vibratory	CNP 050	105	2	60%	106
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	1	100%	102
Hoist, passenger/ material (electric)	CNP 122	95	2	100%	98
Bar bender and cutter (electric)	CNP 021	90	2	80%	92
Excavator, mini-robot mounted	[1]	94	2	70%	95
Winch (electric)	CNP 262	95	1	100%	95
Total SWL, dB (A)					113

Note:

[1] Extracted from EPD document namely, "Sound Power Levels of Other Commonly Used PME"

[2] The barging point is expected to operate 2 days per barge loading.

http://www.epd.gov.hk/epd/english/application_for_licences/guidance/files/OtherSWLe.pdf

