

	TM or other reference	SWL dB(A)	No. of PME	% on time	Total SWL dB(A)
Activity A - Site Preparation					
Lorry	CNP 141	112	1	50%	109
Village Vehicle	# (Note 1)	101	1	50%	98
Generator, super silenced, 70 dB(A) at 7m	CNP 103	95	1	90%	95
Saw, circular, wood	CNP 201	108	1	50%	105
			Total SWL, dB(A)		111
Activity B - Piling					
Drilling Rig	CNP 072	110	2	70%	111
Generator, super silenced, 70 dB(A) at 7m	CNP 103	95	2	90%	98
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	2	70%	103
Lorry	CNP 141	112	1	50%	109
Concrete pump, stationary mounted	CNP 047	109	1	50%	106
Concrete lorry mixer	CNP 044	109	1	50%	106
			Total SWL, dB(A)		115
Activity C - Pile Caps					
Generator, super silenced, 70 dB(A) at 7m	CNP 103	95	1	90%	95
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	1	60%	100
Mini-excavator	CNP 082	94	1	50%	91
Hammer driving sheet pile	CNP 172	115	1	50%	112
Concrete lorry mixer	CNP 044	109	1	50%	106
Concrete pump, stationary mounted	CNP 047	109	1	50%	106
Poker, vibratory, hand-held	CNP 170	113	2	50%	113
Lorry	CNP 141	112	1	50%	109
Bar bender and cutter (electric)	CNP 021	90	1	50%	87
			Total SWL, dB(A)		117
Activity D - Piers					
Generator, super silenced, 70 dB(A) at 7m	CNP 103	95	1	90%	95
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	1	60%	100
Concrete lorry mixer	CNP 044	109	1	50%	106
Concrete pump, stationary mounted	CNP 047	109	1	50%	106
Poker, vibratory, hand-held	CNP 170	113	2	50%	113
Bar bender and cutter (electric)	CNP 021	90	1	50%	87
			Total SWL, dB(A)		115

	TM or other reference	SWL dB(A)	No. of PME	% on time	Total SWL dB(A)
Activity E - Bridge Decks					
Generator, super silenced, 70 dB(A) at 7m	CNP 103	95	1	90%	95
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	1	60%	100
Concrete lorry mixer	CNP 044	109	1	50%	106
Concrete pump, stationary mounted	CNP 047	109	1	50%	106
Poker, vibratory, hand-held	CNP 170	113	2	50%	113
Lorry	CNP 141	112	1	50%	109
Bar bender and cutter (electric)	CNP 021	90	1	50%	87
			Total SWL, dB(A)		116
Activity F - Construction of Retaining Walls					
Generator, super silenced, 70 dB(A) at 7m	CNP 103	95	1	90%	95
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	1	50%	99
Concrete lorry mixer	CNP 044	109	1	50%	106
Poker, vibratory, hand-held	CNP 170	113	2	50%	113
Lorry	CNP 141	112	1	50%	109
Bar bender and cutter (electric)	CNP 021	90	1	50%	87
			Total SWL, dB(A)		115
Activity G - Road Works					
Lorry	CNP 141	112	1	50%	109
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	1	50%	99
Generator, super silenced, 70 dB(A) at 7m	CNP 103	95	1	90%	95
Asphalt paver	CNP 004	109	1	50%	106
Road roller	CNP 185	108	1	50%	105
Paint line marker	CNP 161	90	1	50%	87
			Total SWL, dB(A)		112

	TM or other reference	SWL dB(A)	No. of PME	% on time	Total SWL dB(A)
Activity H - Demolition					
Lorry	CNP 141	112	1	50%	109
Village Vehicle	# (Note 1)	101	1	50%	98
Generator, super silenced, 70 dB(A) at 7m	CNP 103	95	1	90%	95
Air compressor, air flow > 10m ³ /min and ≤ 30m ³ /min	CNP 002	102	1	60%	100
Saw, circular, wood	CNP 201	108	1	50%	105
Saw/groover, concrete (petrol)	CNP 203	115	1	50%	112
			Total SWL, dB(A)		115

PME	Powered Mechanical Equipment
SWL	Sound Power Level
TM	
#	Technical Memorandum on Noise from Construction Works other than Percussive Piling Sound power level octave bands (source: EPD website on Guidance Notes for License Application under the NCO)
Note 1	Equivalent to light goods vehicle

References

1. Technical Memorandum on Noise from Construction Work Other Than Percussive Piling (Table 3)
http://www.epd.gov.hk/epd/english/environmentinhk/noise/guide_ref/tm_nonpp_4_3.html
2. Technical Memorandum on Noise from Construction Work Other Than Percussive Piling
http://www.epd.gov.hk/epd/english/environmentinhk/noise/guide_ref/files/tm_nonpp.pdf
3. For SWL, refer to the document prepared by the Noise Control Authority
http://www.epd.gov.hk/epd/english/application_for_licences/guidance/files/OtherSWLe.pdf
2. Details of Construction Noise Impact Assessment
http://www.epd.gov.hk/eia/register/report/eiareport/eia_1802010/EIA/Appendix/EIA%20Appendix%208.1.pdf
3. Sample photographs of some commonly used PME
http://www.epd.gov.hk/epd/english/application_for_licences/guidance/cnp_annex2_tc.htm