

Project : Shuen Wan Golf Course
 Title : SWLs of PMEs

PME	% Operation	Corr, dB(A) [1]	Unmitigated SWLs				Quiet Plant			Mitigated Scenario						
			ID	Description	Power rating Size, wieght	PME SWL, dB(A)	Unmitigated SWL, dB(A) [1]	ID	Manufacturer and Model	SWL of specific QPME, dB(A) [2]	Min of [1] & [2], dB(A)	Enclosure, dB(A)	Barrier, dB(A)	Total Reduction, dB(A)	Mitigated SWL, dB(A)	
Breaker, hand held, mass > 35kg (CNP026) (50%)	50	-3	CNP026	Breaker, hand held, mass > 35kg	-	114	111				111			-10	-10	101
Concrete pump, stationary / lorry mounted (CNP047) (100%)	100	0	CNP047	Concrete pump, stationary / lorry mounted	-	109	109				109			-10	-10	99
Crane, mobile/barge mounted (diesel) (CNP048) (100%)	100	0	CNP048	Crane, mobile / barge mounted (diesel)	-	112	112	EPD-01516	KOBELCO, Model:CKS900	101	101			-5	-5	96
Dump truck (5.5 tonne < gross vehicle weight <=38 tonne) (50%)	50	-3	[2]	Dump truck (5.5 tonne < gross vehicle weight <=38 tonne)	-	105	102				102			-5	-5	97
Dump truck (5.5 tonne < gross vehicle weight <=38 tonne) (70%)	70	-2	[2]	Dump truck (5.5 tonne < gross vehicle weight <=38 tonne)	-	105	103				103			-5	-5	98
Excavator, wheeled / tracked (CNP081) (70%)	70	-2	CNP081	Excavator, wheeled / tracked	-	112	110	EPD-02101	YANMAR, Model: SV08-1A	88	88			-5	-5	83
Loader, wheeled (CNP081) (70%)	70	-2	CNP081	Loader, wheeled	-	112	110	EPD-00946	CATERPILLAR, Model: 924HZ	102	102			-5	-5	97
Generator, super silenced, 70 dB(A) at 7m (CNP103) (100%)	100	0	CNP103	Generator, super silenced, 70 dB(A) at 7 m	-	95	95	EPD-02175	DENYO, Model:DCA-45ESI	89	89					89
Lorry, 5.5 tonnes < gross vehicle weight <=38 tonnes (100%)	100	0	[2]	Lorry, 5.5 tonnes < gross vehicle weight <=38 tonnes	-	105	105				105			-5	-5	100
Piling, earth auger, auger (CNP167) (30%)	30	-5	CNP167	Piling, earth auger, auger		114	109				109			-5	-5	104
Road Roller (CNP185) (70%)	70	-2	CNP185	Road Roller	-	108	106	EPD-01806	KANTO-TK, Model: KV25DS	93	93			-5	-5	88

Note:
 [1] SWL with utilisation rates adjustment
 [2] PME are taken from EPD's guidance "Sound power levels of other commonly used PME" (https://www.epd.gov.hk/epd/english/application_for_licences/guidance/files/OtherSWLe.pdf)