Appendix 4.4 SWL of PME

Reference	Identification Code	Description	Unit Sound Power Level, dB(A)	Brand	Model	Serial No.
GW-TM	CNP 001	Air Compressor, air flow < 10m3/min	100			
	CNP 002	Air Compressor, air flow > 10m3/min and < =30m3/min	102			
	CNP 003	Air Compressor, air flow > 30m3/min	104			
	CNP 004	Asphalt paver	109			
	CNP 021	Bar bender and cutter (electric)	90			
	CNP 022	Batching plant	108			
	CNP 023	Breaker, hand-held, mass < =10kg	108			
	CNP 024	Breaker, hand-held, mass > 10kg and < 20kg	108			
	CNP 025	Breaker, hand-held, mass >= 20kg and <= 35kg	111			
	CNP 026	Breaker, hand-held, mass > 35kg	114			
	CNP 027	Breaker, excavator mounted (pneumatic)	122			
	CNP 028	Breaker, excavator mounted (hydraulic)	122			
	CNP 029	Ballast tamper, hand-held (electric)	105			
	CNP 030	Bulldozer	115			
	CNP 041	Conveyor belt	90			
	CNP 042	Concrete corer	117			
	CNP 043	Chipper, hand-held (pneumatic)	112			
	CNP 044	Concrete lorry mixer	109			
	CNP 045	Concrete mixer (electric)	96			
	CNP 046	Concrete mixer (petrol)	96			
	CNP 047	Concrete pump, stationary/lorry mounted	109			
	CNP 048	Crane, mobile/barge mounted (diesel)	112			
	CNP 049	Crane, tower (electric)	95			
	CNP 050	Compactor, vibratory	105			
	CNP 061	Derrick barge	104			
	CNP 062	Dredger, chain bucket	118			
	CNP 063	Dredger, grab	112			
	CNP 064	Drill, percussive, hand-held (electric)	103			
	CNP 065	Drill/grinder, hand-held (electric)	98			
	CNP 066	Dumper	106			
	CNP 067	Dump truck	117			
	CNP 081	Excavator/loader, wheeled/tracked	112			
	CNP 101	Generator, standard	108			
	CNP 102	Generator, silenced, 75dB(A) at 7m	100			
	CNP 103	Generator, super silenced, 70dB(A) at 7m	95			
	CNP 104	Grader	113			
	CNP 121	Hoist, passenger/material (pneumatic)	108			
	CNP 122	Hoist, passenger/material (electric)	95			
	CNP 123	Hoist, passenger/material (petrol)	104			
	CNP 141	Lorry	112			
	CNP 161	Paint line marker	90			
	CNP 162	Piling, diaphragm wall, bentonite filter plant	105			
	CNP 163	Piling, diaphragm wall, hydraulic extractor	90			
	CNP 164	Piling, large diameter bored, grab and chisel	115			
	CNP 165	Piling, large diameter bored, oscillator	115			
	CNP 166	Piling, large diameter bored, reverse circulation drill	100			
	CNP 167	Piling, earth auger, auger	114			
	CNP 168	Power pack for hand-held items of PME	100			
	CNP 169	Power rammer (petrol)	108			
	CNP 170	Poker, vibratory, hand-held	113			
	CNP 171	Planer, wood, hand-held (electric)	117			
	CNP 181	Rock drill, crawler mounted (pneumatic)	128			
	CNP 182	Rock drill, crawler mounted (hydraulic)	123			
	CNP 183	Rock drill, hand-held (pneumatic)	116			
	CNP 184	Road planer or miller	111			
	CNP 185	Road roller	108			
	CNP 186	Roller, vibratory	108			
	CNP 201	Saw, circular, wood	108			
	CNP 202	Saw, chain, hand-held	114			
	CNP 203	Saw/groover, concrete (petrol)	115			
	CNP 204	Scraper	119			

Reference	Identification Code	Description	Unit Sound Power Level, dB(A)	Brand	Model	Serial No.
	CNP 221	Tug boat	110			
	CNP 222	Tractor	118			
	CNP 241	Ventilation fan	108			
	CNP 261	Winch (pneumatic)	110			
	CNP 262	Winch (electric)	95			
	CNP 263	Winch (petrol)	102			
	CNP 281	Water pump (electric)	88			
	CNP 282	Water pump (petrol)	103			
	CNP 283	Water pump, submersible (electric)	85			
EPD Sound power levels of other commonly used PME	OCUPME-001	Agitator (electric)	90			
	OCUPME-002	Air blower (electric)	95			
	OCUPME-003	Breaker, mini-robot mounted	115			
	OCUPME-004	Concrete burster	90			
	OCUPME-005	Concrete crusher mini-robot mounted	94			
	OCUPME-006	Concrete crusher, hand held	97			
	OCUPME-007	Concrete pump (electric)	109			
	OCUPME-008	Concrete crusher, excavator mounted	103			
	OCUPME-009	Cutter, circular, steel (electric)	112			
	OCUPME-010	Dredger, suction	103			
	OCUPME-011	Drill, hand-held (battery)	89			
	OCUPME-012	Drill rig, rotary type (diesel)	110			
	OCUPME-013	Excavator, mini-robot mounted	94			
	OCUPME-014	Grout mixer	90			
	OCUPME-015	Grout pump	105			
	OCUPME-016	Generator, portable	100			
	OCUPME-017	Jig-saw, hand-held, wood (electric)	99			
	OCUPME-018	Piling, vibrating hammer	115			
	OCUPME-019	Poker, vibratory, hand-held (electric)	102			
	OCUPME-020	Power pack (diesel)	100			
	OCUPME-021	Power swivel	100			
	OCUPME-022	Paint line marker (low pressure)	87			
	OCUPME-023	Paint line remover	104			
	OCUPME-024	Road grinder (petrol)	108			
	OCUPME-025	Road sweeper	107			
	OCUPME-026	Road ripper, mini-robot mounted	97			
	OCUPME-027	Road ripper, excavator mounted	105			
	OCUPME-028	Saw, wire	101			
	OCUPME-029	Soil pump	103			
	OCUPME-030	Water jetting unit (diesel), silenced	94			
	OCUPME-031	Water jetting unit (diesel), standard	107			
	OCUPME-032	Lorry, gross vehicle weight > 38 tonne	112			
	OCUPME-033	Lorry, 5.5 tonne < gross vehicle weight ≦38 tonne	105			
	OCUPME-034	Light goods vehicle, gross vehicle weight ≦ 5.5 tonne	101			
	OCUPME-035	Lorry, with crane/grab, gross vehicle weight > 38 tonne	112			
	OCUPME-036	Lorry, with crane/grab, 5.5 tonne < gross vehicle weight ≦ 38 tonne	105			
	OCUPME-037	Dump truck, gross vehicle weight > 38 tonne	117			
	OCUPME-038	Dump truck , 5.5 tonne < gross vehicle weight ≦ 38 tonne	105			
	OCUPME-039	Dump truck, with grab, 5.5 tonne < gross vehicle weight ≦ 38 tonne	105			
QPME (from EPD Website)	EPD-00054	Compactor, vibratory	102	Dynapac	LF 62	2620CN020
	EPD-05477	Excavator, wheeled/tracked	91	KOBELCO	SK30SR-6	PW15-50631
	EPD-05690	Crane, mobile	101	KOBELCO	CKS900	GH04-03177
	EPD-04329	Hand-held Percussive Breaker	99	HILTI	TE 1000-AVR	187619
Other	Atlas-MP1000	Low Noise Hydraulic Breaker	119	Atlas Copco	MP1000	