

Activity	Make and Model	Ref no.	Equipment	Power rating, kW	Equipment size, weight (mass), capacity	Octave band sound pressure levels								A-weighted sound pressure level (Lp)	Lp at which distance (m)
						63	125	250	500	1k	2k	4k	8k		
1 Site Establishment	CAT D6 DOZER	C.2.1	Dozer	142	20.1	79	77	76	74	63	67	60	53	10	
	CAT M318 WHEELED EXCAVATOR (18T)	C.4.10	Wheeled excavator	90	19.1	64	60	63	64	62	57	51	45	10	
	THWATTS ALLDRIVE BT DUMPER 4X4	C.4.6	Dumper x	60	8.1	89	86	77	74	72	72	66	62	79	10
	LARGE PILING RIG (20m plus) - New Sheet Piling	Provided by Client													
	SMALL CUTTER DREDGER	C.7.2	Grab hopper dredging ship	2 461	2 136.1	83	91	80	78	78	73	66	58	82	10
	CAT D6 DOZER	C.2.1	Dozer	142	20.1	79	77	76	74	68	67	60	59	75	10
	CAT 953 TRACKED LOADER	C.2.28	Wheeled loader	170	—	86	82	77	74	70	66	62	55	76	10
	Massey Ferguson 3075 (4x4) 90 HP TRACTOR	C.4.14	Tractor (towing equipment) x	100	—	79	71	75	76	78	70	61	55	80	10
	Massey Ferguson 3080 (4x4) 100 HP TRACTOR	C.4.74	Tractor (towing equipment) x	100	—	79	71	76	75	78	70	61	55	80	10
	2 BT TIPPING TRAILER	C.4.91	Dust suppression unit trailer	—	—	78	73	74	80	70	68	60	56	78	10
CAT 330 EXCAVATOR (33T)	C.4.64	Tracked excavator	157	29.1	74	85	75	73	69	65	60	51	75	10	
CAT 330 EXCAVATOR (33T)	C.2.15	Tracked excavator	173	32.1	77	85	70	73	70	68	63	57	76	10	
KOMATSU PC200 EXCAVATOR (8T)	C.6.4	Tracked excavator	382	89.1	86	90	78	74	75	70	62	60	80	10	
CAT M318 WHEELED EXCAVATOR (18T)	C.4.10	Wheeled excavator	90	19.1	64	60	63	64	62	57	51	45	66	10	
LABOUNTY HDR 120 ROCK GRAPPLE (22-30T)	C.7.1	Long reach tracked excavator	178	21 m arm / 39.1	74	83	76	75	70	71	63	57	78	10	
HYDRAULIC HAMMER (20 - 22T)	C.1.9	Breaker mounted on excavator	121	(15.1) 1 650 kg breaker	88	88	86	89	83	83	80	70	90	10	
Articulated Dump Truck 26T ARTIC DUMP TRUCK (11MS)	D.3.112	Articulated dump truck (tipping fill)	187	23.1	80	76	73	70	69	66	63	58	74	10	
16T TIPPER TRUCK	D.3.112	Tipper lorry	75	—	—	—	—	—	—	—	—	—	85	10	
SILBUSTER FB50 MOBILE S/L T TRAP	C.5.40	Electric water pump	15	6 in	71	64	64	67	63	57	54	49	68	10	
LGP D6 dozer	C.2.1	Dozer	142	20.1	79	77	76	74	68	67	60	59	75	10	
16m3 mixer	C.4.14	Tractor (towing equipment) x	100	—	79	71	76	75	78	70	61	55	80	10	
Mixer Spreader	C.2.32	Articulated dump truck (tipping fill)	187	23.1	80	76	73	70	69	66	63	58	74	10	
CAT 330 EXCAVATOR (33T)	C.2.15	Tracked excavator	173	32.1	77	85	70	73	70	68	63	57	76	10	
CAT 345 (85T) LONGREACH EXC (24M)	C.7.1	Long reach tracked excavator	178	21 m arm / 39.1	74	83	76	75	70	71	63	57	78	10	
ADT 26T ARTIC DUMP TRUCK (11MS) INC OP	C.2.32	Articulated dump truck (tipping fill)	187	23.1	80	76	73	70	69	66	63	58	74	10	
CAT 330 EXCAVATOR (33T)	C.2.15	Tracked excavator	173	32.1	77	85	70	73	70	68	63	57	76	10	
CAT 345 (85T) LONGREACH EXC (24M)	C.7.1	Long reach tracked excavator	178	21 m arm / 39.1	74	83	76	75	70	71	63	57	78	10	
LABOUNTY HDR 120 ROCK GRAPPLE (22-30T)	C.7.1	Long reach tracked excavator	178	21 m arm / 39.1	74	83	76	75	70	71	63	57	78	10	
ADT 26T ARTIC DUMP TRUCK (11MS) INC OP	C.2.32	Articulated dump truck (tipping fill)	187	23.1	80	76	73	70	69	66	63	58	74	10	
JCB 910 EXCAVATOR (16T)	C.2.24	Tracked excavator	71	15.1	77	74	71	70	68	66	60	54	73	10	
THWATTS ALLDRIVE BT DUMPER 4X4	C.4.6	Dumper x	60	8.1	89	86	77	74	72	72	66	62	79	10	
JCB 924	C.2.8	Wheeled backhoe loader	60	8.1	89	86	77	74	72	72	66	62	79	10	
CAT 953 TRACKED LOADER (1.75MS)	C.2.28	Wheeled loader	170	—	86	82	77	74	70	66	62	55	76	10	
BOMAG BW 120 AD ROLLER (2.4T)	C.2.37	Roller (rolling fill) x	145	18.1	72	75	81	78	74	70	63	55	79	10	
CAT M318 WHEELED EXCAVATOR (18T)	C.4.10	Wheeled excavator	90	19.1	64	60	63	64	62	57	51	45	66	10	
BOMAG BW 120 AD ROLLER (2.4T)	C.2.37	Roller (rolling fill) x	145	18.1	72	75	81	78	74	70	63	55	79	10	
JCB 910 EXCAVATOR (16T)	C.2.24	Tracked excavator	71	15.1	77	74	71	70	68	66	60	54	73	10	
WACKER BPU 2540 COMPACTION PLATE (140KG)	C.2.41	Vibratory plate (patrol) x	3	62 kg	70	74	71	78	74	75	63	58	80	10	
BOMAG BW 130 AD ROLLER (3.6T)	C.2.37	Roller (rolling fill) x	145	18.1	72	75	81	78	74	70	63	55	79	10	
CAT 345 (85T) LONGREACH EXC (24M)	C.7.1	Long reach tracked excavator	178	21 m arm / 39.1	74	83	76	75	70	71	63	57	78	10	
LABOUNTY HDR 120 ROCK GRAPPLE (22-30T)	C.7.1	Long reach tracked excavator	178	21 m arm / 39.1	74	83	76	75	70	71	63	57	78	10	
WORKRAT 3.2M STEEL CIV 45HP OUTBOARD	C.7.2	Grab hopper dredging ship	2 461	2 136.1	83	91	80	78	78	73	66	58	82	10	
WORKRAT 3.2M STEEL 400 HPF DREDGER (2.05W)	C.7.2	Grab hopper dredging ship	2 461	2 136.1	83	91	80	78	78	73	66	58	82	10	
MARINI SPUD LEGGED PONTON 34M x 19M	C.7.2	Grab hopper dredging ship	2 461	2 136.1	83	91	80	78	78	73	66	58	82	10	
KOBELCO CR6 900S (100T) CRANE	C.4.41	Mobile telescopic crane	280	100.1	73	71	68	70	66	63	54	49	71	10	
LARGE PILING RIG (50 plus) - New Sheet Piling	Provided by Client														
KOBELCO CR6 900S (100T) CRANE	C.4.41	Mobile telescopic crane	280	100.1	73	71	68	70	66	63	54	49	71	10	
25T ALL TERRAIN MOBILE CRANE	C.4.43	Wheeled mobile crane	275	41.1	80	76	71	63	64	63	56	50	70	10	
16T TIPPER TRUCK	D.3.112	Tipper lorry	75	—	—	—	—	—	—	—	—	—	85	10	
JCB 910 EXCAVATOR (16T)	C.2.24	Tracked excavator	71	15.1	77	74	71	70	68	66	60	54	73	10	
THWATTS ALLDRIVE BT DUMPER 4X4	C.4.6	Dumper x	60	8.1	89	86	77	74	72	72	66	62	79	10	
25T ALL TERRAIN MOBILE CRANE	C.4.43	Wheeled mobile crane	275	41.1	80	76	71	63	64	63	56	50	70	10	
JCB 910 TELE HANDLER 2.4T	C.2.28	Telescopic handler	60	10.1	85	79	69	67	64	62	56	47	71	10	
JCB 924 Wheeled Excavator	C.2.8	Wheeled backhoe loader	60	8.1	74	66	64	64	63	60	59	50	68	10	
THWATTS ALLDRIVE BT DUMPER 4X4	C.4.6	Dumper x	60	8.1	89	86	77	74	72	72	66	62	79	10	
THWATTS ALLDRIVE BT DUMPER 4X4	C.4.4	Dumper x	75	8.1	82	76	75	74	68	68	64	55	76	10	
WACKER BPU 2540 COMPACTION PLATE (140KG)	C.2.41	Vibratory plate (patrol) x	3	62 kg	70	74	71	78	74	75	63	58	80	10	
BOMAG BMP 8000 (1.6T) 650MM TRENCH ROLLER	C.5.28	Vibratory roller	12	1.61	82	80	76	73	70	70	63	59	77	10	
BOMAG BW 130 AD ROLLER (3.6T)	C.2.37	Roller (rolling fill) x	145	18.1	72	75	81	78	74	70	63	55	79	10	
140CM COMPRESSOR	C.3.19	Compressor for mix piling	45	1.1	75	71	65	70	71	69	62	57	75	10	
16T TIPPER TRUCK	D.3.112	Tipper lorry	75	—	—	—	—	—	—	—	—	—	85	10	
25T ALL TERRAIN MOBILE CRANE	C.4.43	Wheeled mobile crane	275	41.1	80	76	71	63	64	63	56	50	70	10	
JCB 924 Wheeled Excavator	C.2.8	Wheeled backhoe loader	60	8.1	74	66	64	64	63	60	59	50	68	10	
THWATTS ALLDRIVE BT DUMPER 4X4	C.4.6	Dumper x	60	8.1	89	86	77	74	72	72	66	62	79	10	
THWATTS ALLDRIVE BT DUMPER 4X4	C.4.4	Dumper x	75	8.1	82	76	75	74	68	68	64	55	76	10	
WACKER BPU 2540 COMPACTION PLATE (140KG)	C.2.41	Vibratory plate (patrol) x	3	62 kg	70	74	71	78	74	75	63	58	80	10	
BOMAG BMP 8000 (1.6T) 650MM TRENCH ROLLER	C.5.28	Vibratory roller	12	1.61	82	80	76	73	70	70	63	59	77	10	
BOMAG BW 130 AD ROLLER (3.6T)	C.2.37	Roller (rolling fill) x	145	18.1	72	75	81	78	74	70	63	55	79	10	
140CM COMPRESSOR	C.3.19	Compressor for mix piling	45	1.1	75	71	65	70	71	69	62	57	75	10	
16T TIPPER TRUCK	D.3.112	Tipper lorry	75	—	—	—	—	—	—	—	—	—	85	10	
25T ALL TERRAIN MOBILE CRANE	C.4.43	Wheeled mobile crane	275	41.1	80	76	71	63	64	63	56	50	70	10	
JCB 924 Wheeled Excavator	C.2.8	Wheeled backhoe loader	60	8.1	74	66	64	64	63	60	59	50	68	10	
THWATTS ALLDRIVE BT DUMPER 4X4	C.4.6	Dumper x	60	8.1	89	86	77	74	72	72	66	62	79	10	
THWATTS ALLDRIVE BT DUMPER 4X4	C.4.4	Dumper x	75	8.1	82	76	75	74	68	68	64	55	76	10	
WACKER BPU 2540 COMPACTION PLATE (140KG)	C.2.41	Vibratory plate (patrol) x	3	62 kg	70	74	71	78	74	75	63	58	80	10	
BOMAG BMP 8000 (1.6T) 650MM TRENCH ROLLER	C.5.28	Vibratory roller	12	1.61	82	80	76	73	70	70	63	59	77	10	
BOMAG BW 130 AD ROLLER (3.6T)	C.2.37	Roller (rolling fill) x	145	18.1	72	75	81	78	74	70	63	55	79	10	
140CM COMPRESSOR	C.3.19	Compressor for mix piling	45	1.1	75	71	65	70	71	69	62	57	75	10	
16T TIPPER TRUCK	D.3.112	Tipper lorry	75	—	—	—	—	—	—	—	—	—	85	10	
2 BT TIPPING TRAILER	C.4.91	Dust suppression unit trailer	—	—	78	73	74	80	70	68	60	56	78	10	
JCB 908 MINI EXCAVATOR (8.0T)	C.4.17	Tracked excavator	41	8.1	81	72	68	68	66	64	60	55	71	10	
JCB 910 EXCAVATOR (16T)	C.2.7	Tracked excavator	69	14.1	81	72	68	67	64	62	56	50	70	10	
BOMAG BMP 8000 (1.6T) 650MM TRENCH ROLLER	C.5.28	Vibratory roller	12	1.61	82	80	76	73	70	70	63	59	77	10	
JCB 9170 TELE HANDLER 2.4T INC OP L	C.2.28	Telescopic handler													

