
APPENDIX 7.2

**POWERED MECHANICAL EQUIPMENT
(PME) FOR DIFFERENT CONSTRUCTION
TASKS DURING NORMAL DAYTIME
WORKING HOURS – UNMITIGATED
SCENARIO**

Tai Po Sewage Treatment Work

Appendix 7.2 Powered Mechanical Equipment (PME) for Different Construction Tasks during Normal Daytime Working Hours (Unmitigated Scenario)

Tai Po Sewage Treatment Work

Site Clearance and Set up Site Office

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Noise Barrier Reduction	Total SWL dB(A)
Breaker, excavator mounted	- - CNP028	1	122	100%	0	122
Excavator	- - CNP081	1	112	100%	0	112
Dump Truck	- - CNP067	1	117	100%	0	117
Air Compressor	- - CNP002	1	102	100%	0	102
Bulldozer	- - CNP030	1	115	100%	0	115
Generator	- - CNP102	1	100	100%	0	100
Total						124

Piling Work

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Noise Barrier Reduction	Total SWL dB(A)
Bored Piling, grab and chisel	- - CNP164	1	115	100%	0	115
Mobile Crane	- - CNP048	1	112	100%	0	112
Dump Truck	- - CNP067	1	117	100%	0	117
Air Compressor	- - CNP002	1	102	100%	0	102
Generator	- - CNP102	1	100	100%	0	100
Total						120

Excavation

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Noise Barrier Reduction	Total SWL dB(A)
Dump Truck	- - CNP067	1	117	100%	0	117
Excavator	- - CNP081	1	112	100%	0	112
Generator	- - CNP102	1	100	100%	0	100
Air Compressor	- - CNP002	1	102	100%	0	102
Breaker, excavator mounted	- - CNP028	1	122	100%	0	122
Piling, oscillator	- - CNP165	1	115	100%	0	115
Total						124

Demolition

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Noise Barrier Reduction	Total SWL dB(A)
Breaker, excavator mounted	- - CNP028	1	122	100%	0	122
Breaker, hand-held	- - CNP024	1	108	100%	0	108
Air Compressor	- - CNP002	1	102	100%	0	102
Lorry	- - CNP141	1	112	100%	0	112
Loader	- - CNP081	1	112	100%	0	112
Generator	- - CNP102	1	100	100%	0	100
Total						123

Tai Po Sewage Treatment Work

Concreting Work

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Noise Barrier Reduction	Total SWL dB(A)
Mobile Crane	- - CNP048	1	112	100%	0	112
Concrete Lorry Mixer	- - CNP044	1	109	100%	0	109
Bar Bender and cutter	- - CNP021	1	90	100%	0	90
Concrete Pump	- - CNP047	1	109	100%	0	109
Poker	- - CNP170	3	113	100%	0	118
Chipper, hand held	- - CNP043	1	112	100%	0	112
Saw, circular wood	- - CNP201	1	108	100%	0	108
Generator	- - CNP102	1	100	100%	0	100
Air Compressor	- - CNP002	1	102	100%	0	102
Total						121

Pipework or miscellaneous work

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Noise Barrier Reduction	Total SWL dB(A)
Backhoe	- - CNP081	1	112	100%	0	112
Mobile Crane	- - CNP048	1	112	100%	0	112
Lorry	- - CNP141	1	112	100%	0	112
Compactor	- - CNP050	1	105	100%	0	105
Generator	- - CNP102	1	100	100%	0	100
Air Compressor	- - CNP002	1	102	100%	0	102
Roller	- - CNP185	1	108	100%	0	108
Total						118