
APPENDIX 7.9

**POWERED MECHANICAL EQUIPMENT
(PME) FOR DIFFERENT CONSTRUCTION
TASKS DURING RESTRICTED HOURS –
MITIGATED SCENARIO**

Appendix 7.9 Powered Mechanical Equipment (PME) for Different Construction Tasks during Restricted Hours (Mitigated Scenario)

Tai Po Sewage Treatment Work

Pipework or miscellaneous work for evening (1900-2300)

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Noise Barrier Reduction	Total SWL dB(A)
Backhoe [1] - -	C8/33	1	102	100%	0	102
Mobile Crane [1] - -	C7/114	1	101	100%	0	101
Lorry [1] - -	C3/59	1	105	100%	0	105
Compactor - - -	CNP050	1	105	100%	0	105
Generator [1] - -	CNP 103	1	95	100%	0	95
Air Compressor - - -	CNP002	1	102	100%	0	102
Roller [1] - -	C8/25	1	96	100%	0	96
Total						111

Pipework or miscellaneous work for night time (2300-0700)

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Noise Barrier Reduction	Total SWL dB(A)
Backhoe [1] [2] -	C8/33	1	102	100%	5	97
Mobile Crane [1] [2] -	C7/114	1	101	100%	5	96
Lorry [1] - [3]	C3/59	1	105	70%	0	103
Compactor - [2] -	CNP050	1	105	100%	5	100
Generator [1] [2] -	CNP 103	1	95	100%	10	85
Air Compressor - [2] -	CNP002	1	102	100%	10	92
Roller [1] [2] -	C8/25	1	96	100%	5	91
Total						106

Note:

[1]: Quiet PMEs

{2}: Movable Noise Barrier

{3}: Reduction in % on time