

Appendix 3.8 Powered Mechanical Equipment for Various Construction Activities (Mitigated - Use of Quiet PME and Movable Noise Barriers)

8. Erect Concrete Segments on Falsework at End Spans

Powered Mechanical Equipment (PME)		TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Barrier dB	Total SWL dB(A)
100T cranes	[1]	BS C7/105	1	108	90%	0	108
Segment Carriers	[1]	BS C3/59	1	105	65%	0	103
Total							109

9. Cast Concrete Parapets

Powered Mechanical Equipment (PME)		TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Barrier dB	Total SWL dB(A)
30T Cranes	[1]	BS C7/112	1	102	90%	0	102
Total							102

10. Pavement Construction

Powered Mechanical Equipment (PME)		TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Barrier dB	Total SWL dB(A)
Pavers	[1]	BS C8/24	1	101	80%	0	100
Rubber Tyre Rollers	[1]	BS C8/25	1	96	90%	0	96
10T Rollers	[1]	BS C8/30	1	101	80%	0	100
Total							104

11. Widening of Castle Peak Road and Construct Slip Road D & E

Powered Mechanical Equipment (PME)		TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Barrier dB	Total SWL dB(A)
Hydraulic Breaker	[1]	BS C8/13	1	110	90%	0	110
Paver	[1]	BS C8/24	1	101	80%	0	100
Rubber Tyre Roller	[1]	BS C8/25	1	96	90%	0	96
10T Roller	[1]	BS C8/30	1	101	80%	0	100
Dump Truck	[1]	BS C9/39	1	103	50%	0	100
Total							111

Note:

[1] Use of Quiet PME

[2] Use of Movable Barrier

EIA-2 Construction of an International Theme Park in Penny's Bay of North Lantau Together with its Essential Infrastructures Environmental Impact Assessment