

Appendix 3.10 Indicative Assessment for Construction Activity During Restricted Hours

Powered Mechanical Equipment for Erecting Concrete Segments During Restricted Hours (Unmitigated)

Powered Mechanical Equipment (PME)	TM Ref/ other Ref.	No. Items	SWL/Item dB(A)	Barrier dB	Total SWL dB(A)
100T Mobile Crane or Launching Girder*	CNP048	1	112	0	112
Segments Carriers	CNP 141	1	112	0	112
				Total	115

Powered Mechanical Equipment for Erecting Concrete Segments During Restricted Hours (Mitigated - Use of Qui and Movable Noise Barriers)

Powered Mechanical Equipment (PME)	TM Ref/ other Ref.	No. Items	SWL/Item dB(A)	Barrier dB	Total SWL dB(A)
100T Mobile Crane or Launching Girder*	BS C7/105	1	108	5	103
Segments Carrier	BS C3/59	1	105	5	100
				Total	105

Note:

- * Since SWL of 100T mobile crane is higher than that for launching girder, the SWL of 100T mobile crane is selected for assessment as a worst case.

Predicted Construction Noise levels during Restricted Hours

NSR	Approximately Distance from Source, m	Predicted Noise Level, dB(A)	
		Unmitigated	Mitigated
V10	300	60	50
V19	207	64	53
V20	164	66	55