

Appendix 6.11B Construction Plant Inventory for SCL (MKK - HUH) during Restricted Hours (Mitigated Scenario)

Plant Inventory for Construction Noise Assessment - North Approach Tunnel & Related Works

Scenario: Mitigated ▼

Area C6

Portal 1A Noise Barriers Construction

Noise Barriers Construction #							(1/6/2017 - 28/2/2018)
PME	TM Ref./ other Ref	No. of Items	SWL/ Item dB(A)	On- time %	Barrier Correction	Sub-total SWL	
Drill, hand-held	CNP 065	4	98	100%	-5	99	
Crane	BS D7/101	1	94	100%	-5	89	
Air Compressor	CNP 002	1	102	100%	-15	87	
Generator	CNP 103	1	95	100%	-15	80	
Overall Noise Level, dB(A)						100	

Remarks: [#] Grouping and no. of PMEs reduction are applied. Group 1 has the highest noise level and is used for assessment.

Noise Barriers Construction - Group 1							(1/6/2017 - 28/2/2018)
PME	TM Ref./ other Ref	No. of Items	SWL/ Item dB(A)	On- time %	Barrier Correction	Sub-total SWL	
Drill, hand-held	CNP 065	1	98	100%	-5	93	
Crane	BS D7/101	0	94	100%	-5		
Air Compressor	CNP 002	1	102	100%	-15	87	
Generator	CNP 103	1	95	100%	-15	80	
Overall Noise Level, dB(A)						94	

Noise Barriers Construction - Group 2							(1/6/2017 - 28/2/2018)
PME	TM Ref./ other Ref	No. of Items	SWL/ Item dB(A)	On- time %	Barrier Correction	Sub-total SWL	
Drill, hand-held	CNP 065	0	98	100%	-5		
Crane	BS D7/101	1	94	100%	-5	89	
Air Compressor	CNP 002	0	102	100%	-15		
Generator	CNP 103	0	95	100%	-15		
Overall Noise Level, dB(A)						89	