Appendix H

Construction Noise Monitoring

Results



Noise Impact Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

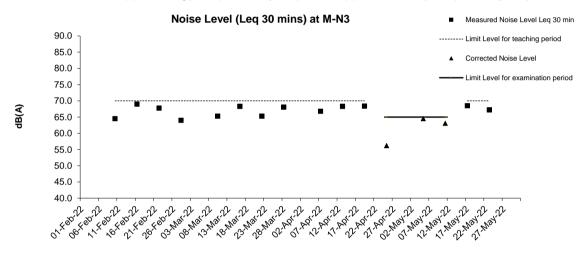
M-N3 - SKH Tsoi Kung Po Secondary School

M-N3 - 3KH 1501 Kung P0 Secondary School								
			Corrected				wina	
		Measured Noise Level	Noise Level*		L10	L90	Speed	
Date	Start Time	Leq 30min dB(A)	dB(A)	Limit Level [^]	dB(A)	dB(A)	(m/s)	Weather
05-May-22	09:00	69.4	64.5	65	73.5	64.0	4.4	Cloudy
11-May-22	10:00	69.0	63.1	65	73.0	64.0	1.7	Cloudy
17-May-22	13:00	68.5	NA	70	72.5	63.0	1.7	Fine
23-May-22	14:00	67.2	NA	70	70.0	61.5	4.2	Cloudy
	Max	69.4	64.5					
	Min	67.2	63.1					

Note

Free field noise levels were adjusted with a correlation of +3 dB(A).

[^]The Limit Level was 70 dB(A) for teaching period (15 to 31 May 2022) and 65 dB(A) for examination period (1 to 14 May 2022).



^{*} Corrected Noise Level = 10* log(10*(Measured Noise Level/10) – 10*(Baseline Noise Level/10)); NA refers to Not Applied as the Measured Noise Level < Limit Level.