

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

Date	Start Time	Measured Noise Level Leq 30min dB(A)	Corrected Noise Level* dB(A)	Limit Level [^]	L10 dB(A)	L90 dB(A)	Wind Speed (m/s)	Weather
5-Jan-22	08:44	67.4	NA #	65	70.0	61.5	0.8	Sunny
11-Jan-22	09:31	65.9	NA #	65	69.0	58.5	3.3	Fine
17-Jan-22	08:54	67.2	NA #	65	70.0	60.5	2.8	Fine
26-Jan-22	13:41	63.0	NA	65	57.5	66.0	3.3	Sunny
31-Jan-22	13:55	62.2	NA	65	64.5	58.5	2.8	Fine
	Max	67.4	NA					
	Min	62.2	NA					

Note:

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

* 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. NA # refers to Not Applied as the Measured Noise Level < Baseline Noise Level (i.e. 67.7 dB(A)).

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

