

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
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).

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

[^] 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).

