

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
6-Oct-22	14:25	67.3	NA	70	70.0	62.5	3.5	Sunny
12-Oct-22	12:51	67.9	NA	70	71.0	62.0	2.1	Fine
18-Oct-22	8:47	63.0	NA	65	68.5	61.5	6.1	Sunny
24-Oct-22	9:09	64.4	NA	65	66.5	61.5	3.5	Fine
	Max	67.9	NA					
	Min	63.0	NA					

Notes:

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.

^ The Limit Level was 70 dB(A) for the teaching period (from 1 to 16 October 2022 and 28 to 31 October 2022) and 65 dB(A) for the examination period (from 17 to 27 October 2022)

