

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
10-Feb-22	09:09	64.5	NA	70	67.0	60.0	3.3	Fine
16-Feb-22	09:00	69.0	NA	70	72.0	65.0	3.3	Fine
22-Feb-22	13:31	67.8	NA	70	70.0	63.5	0.3	Fine
28-Feb-22	13:20	64.0	NA	70	66.5	59.5	4.4	Fine
Max		69.0	NA					
Min		64.0	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.

^ The Limit Level was 70 dB(A) for teaching period and 65 dB(A) for examination period.

