

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
3-Apr-23	9:03	68.9	NA	70	71.5	62.5	3.3	Fine
12-Apr-23	9:04	69.5	NA	70	72.5	62.0	2.8	Fine
18-Apr-23	13:00	68.4	NA	70	70.5	65.0	3.3	Fine
24-Apr-23	12:55	68.3	59.4	65	70.0	65.5	2.2	Cloudy
Max		69.5	59.4					
Min		68.3	59.4					

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 and 65 dB(A) for the examination period.

The Construction Noise Level on 24 Apr 23 is corrected to 59.4 dB(A) based on the formula $10 * \log(10^{(68.3/10)} - 10^{(67.7/10)})=59.4$. Therefore, the noise monitoring level is complied with the noise criteria stipulated in EIAO-TM.

