

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

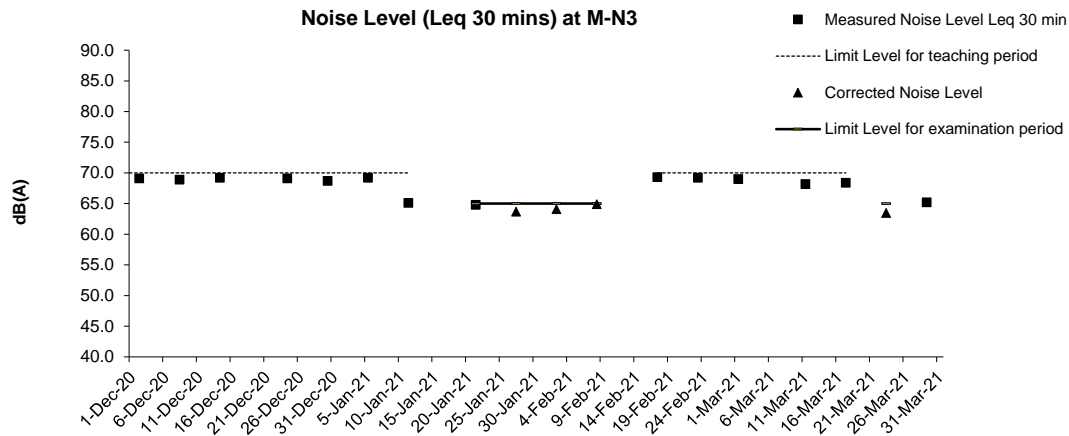
Date	Start Time	Measured Noise Level Leq 30min dB(A)	Corrected Noise Level* dB(A)	Limit Level^	L10 dB(A)	L90 dB(A)	Wind Speed (m/s)	Weather
1-Mar-21	09:00	69.0	NA	70	71.5	61.5	1.7	Fine
11-Mar-21	09:00	68.2	NA	70	71.5	63.0	3.6	Fine
17-Mar-21	13:30	68.4	NA	70	71.5	65.5	2.5	Fine
23-Mar-21	13:02	69.1	63.5	65	71.0	62.0	2.2	Fine
29-Mar-21	13:16	65.2	NA	70	68.0	60.0	2.5	Fine
Max		69.1	63.5					
Min		65.2	63.5					

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.

^ 3. The Limit Level was 70 dB(A) for teaching period (from 1 to 21 and 26 to 31 March 2021) and 65 dB(A) for examination period (from 22 to 25 March 2021)



Remark: Corrected Noise Level was applied on 27 January 2021, 2 and 8 February 2021, 23 March 2021; Corrected Noise Level = Measured Noise Level - Baseline Noise Level (i.e. 67.7 dB(A))