

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

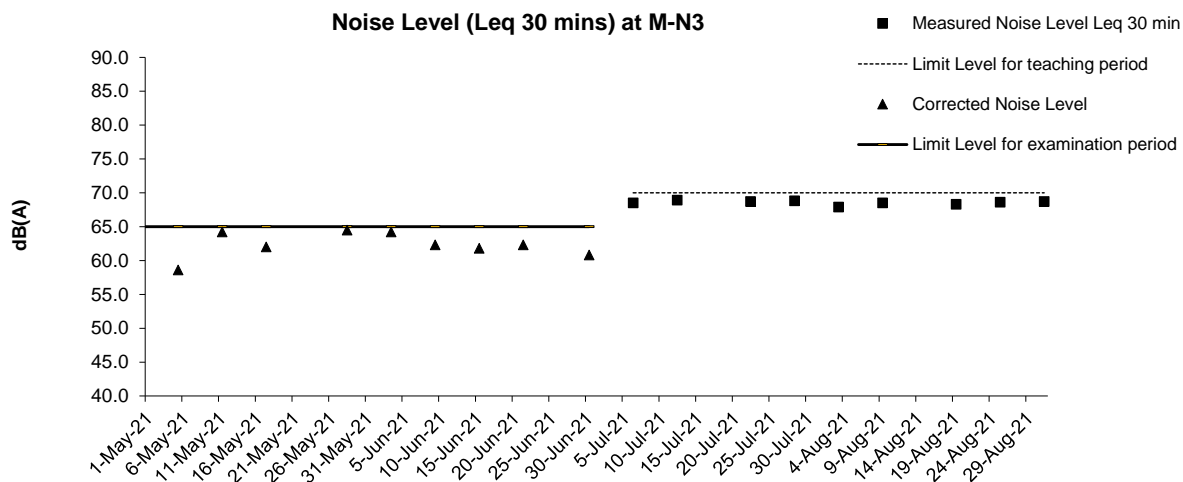
Date	Start Time	Measured Noise Level Leq 30min dB(A)	Corrected Noise Level* dB(A)	Limit Level^	L10 dB(A)	L90 dB(A)	Wind Speed (m/s)	Weather
3-Aug-21	09:15	67.9	NA	70	71.0	62.0	3.3	Cloudy
9-Aug-21	08:55	68.5	NA	70	71.5	62.5	1.7	Sunny
19-Aug-21	09:00	68.3	NA	70	71.0	63.0	1.4	Sunny
25-Aug-21	13:36	68.6	NA	70	72.0	62.0	1.7	Fine
31-Aug-21	13:42	68.7	NA	70	71.5	62.5	1.7	Fine
	Max	68.7	NA					
	Min	67.9	NA					

Note:

Free field noise levels were adjusted with a correlation of +3 dB(A).

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

^ Limit Level 70 dB(A) was adopted as there was no examination during the reporting period.



Remark: Corrected Noise Level was applied on 29 April 2021; 5, 11, 17 and 28 May 2021; 3, 9, 15, 21, and 30 June 2021; Corrected Noise Level = Measured Noise Level - Baseline Noise Level (i.e. 67.7 dB(A))