Appendix H

Construction Noise Monitoring

Results



Noise Impact Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

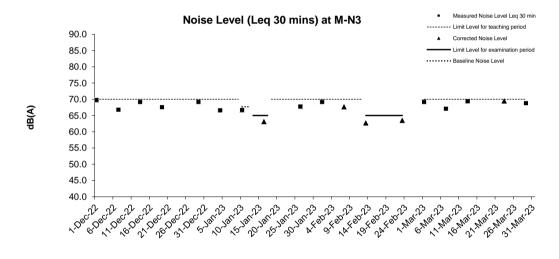
M-N3 - SKH Tsoi Kung Po Secondary School

•			Corrected				Wind	
		Measured Noise Level	Noise Level*		L10	L90	Speed	
Date	Start Time	Leq 30min dB(A)	dB(A)	Limit Level [^]	dB(A)	dB(A)	(m/s)	Weather
1-Mar-23	12:44	69.2	N/A	70	72.5	64.5	0.5	Fine
7-Mar-23	12:31	67.1	N/A	70	70.5	64.0	0.3	Fine
13-Mar-23	13:14	69.4	N/A	70	72.0	65.0	0.5	Cloudy
23-Mar-23	9:20	71.7	69.5	70	75.0	64.5	0.4	Fine
29-Mar-23	9:06	68.8	N/A	70	71.5	63.5	0.9	Fine
	Max	71.7	69.5					
	Min	67.1	69.5					

Notes:

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

The Construction Noise Level on 23 Mar 23 is corrected to 69.5 dB(A) based on the formula $10^* \log(10^*(71.7/10) - 10^*(67.7/10)) = 69.5$. Therefore, the noise monitoring level is complied with the noise criteria stipulated in EIAO-TM.



^{*} 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.