Appendix H

Construction Noise Monitoring

Results



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

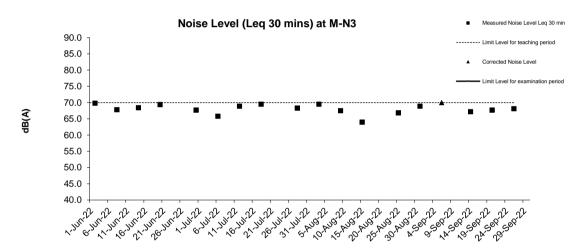
M-N3 - SKH Tsoi Kung Po Secondary School

			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
6-Sep-22	12:52	72.0	70.0	70	75.0	64.0	3.3	Fine
14-Sep-22	8:50	67.2	NA	70	71.0	61.5	1.7	Sunny
20-Sep-22	8:42	67.7	NA	70	71.0	61.0	3.3	Sunny
26-Sep-22	9:12	68.1	NA	70	70.5	61.0	1.7	Sunny
	Max	72.0	70.0					
	Min	67.2	70.0					

Notes

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

The Construction Noise Level on 6 September 2022 is corrected to 70dB(A) based on the formula 10* log(10^(72/10) – 10^(67.7/10))=69.98. 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 teaching period and 65 dB(A) for examination period.