

# Appendix H

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## 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-Nov-22	12:57	70.1	66.4	70	73.5	64.5	2.8	Fine
9-Nov-22	12:42	68.8	NA	70	70.0	66.0	3.3	Fine
15-Nov-22	12:31	67.2	NA	70	69.0	64.5	3.6	Fine
21-Nov-22	9:06	69.0	NA	70	71.0	60.0	2.8	Fine
	<b>Max</b>	70.1	66.4					
	<b>Min</b>	67.2	66.4					

**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 3 November 2022 is corrected to 66.4 dB(A) based on the formula  $10 * \log(10^{(70.1/10)} - 10^{(67.7/10)})=66.4$ . Therefore, the noise monitoring level is complied with the noise criteria stipulated in EIAO-TM.

