

# 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
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
	<b>Max</b>	72.0	70.0					
	<b>Min</b>	67.2	70.0					

**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 teaching period and 65 dB(A) for examination period.

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.

