

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 |
|-----------|------------|---|------------------------------------|--------------------------|--------------|--------------|------------------------|---------|
| 7-Apr-22 | 09:00 | 66.8 | NA | 70 | 69.5 | 60.0 | 1.9 | Fine |
| 13-Apr-22 | 09:14 | 68.3 | NA | 70 | 71.0 | 63.0 | 1.4 | Fine |
| 19-Apr-22 | 13:00 | 68.4 | NA | 70 | 71.0 | 62.0 | 1.7 | Fine |
| 25-Apr-22 | 14:00 | 68.0 | 56.2 | 65 | 70.0 | 62.0 | 2.5 | Fine |
| | Max | 68.4 | 56.2 | | | | | |
| | Min | 66.8 | 56.2 | | | | | |

Note:

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 (1 to 23 April 2022) and 65 dB(A) for examination period (22 to 30 April 2022).

