

Contract No. SS H504 Design and Construction of Chai Wan Government Complex and Vehicle Depot
Noise Monitoring Data

Date(yyyy-mm-dd)	Station	Start Time	Wind Speed, m/s	1st set 5mins, dB(A)		2nd set 5mins, dB(A)		3rd set 5mins, dB(A)		4th set 5mins, dB(A)		5th set 5mins, dB(A)		6th set 5mins, dB(A)		Measured Noise Level [Construction Noise Level], Leq		Unit	Site Observation	Measured Noise Level [Construction Noise Level], dB(A)		Unit	Construction Noise Level #	Unit
2025-07-22	NM1*	14:41	0.7	Leq:	66.5	Leq:	65.7	Leq:	65.8	Leq:	65.6	Leq:	64.9	Leq:	65.9	Leq:	66 #	dB(A)	Major: Noise from Yau	Leq:	63.52	dB(A)	57.24	dB(A)
				L10:	69.6	L10:	68.4	L10:	69.3	L10:	69.0	L10:	68.5	L10:	69.4									
				L90:	59.5	L90:	60.5	L90:	60.1	L90:	59.6	L90:	58.7	L90:	59.0									
2025-07-22	NM2b *	14:05	0.4	Leq:	68.3	Leq:	69.4	Leq:	69.5	Leq:	70.2	Leq:	71.0	Leq:	70.9	Leq:	70 ^	dB(A)	Major: Noise from Yau	Leq:	72.57	dB(A)	N.A.	dB(A)
				L10:	72.1	L10:	73.2	L10:	73.5	L10:	73.7	L10:	74.8	L10:	75.3									
				L90:	61.8	L90:	61.5	L90:	62.3	L90:	63.6	L90:	63.6	L90:	64.0									
2025-07-22	NM3	13:21	0.5	Leq:	66.8	Leq:	66.4	Leq:	66.5	Leq:	68.6	Leq:	67.2	Leq:	66.7	Leq:	67	dB(A)	Major: Noise from Yau	Leq:	65.65	dB(A)	N.A.	dB(A)
				L10:	68.9	L10:	68.2	L10:	68.4	L10:	72.4	L10:	68.4	L10:	67.8									
				L90:	64.9	L90:	64.6	L90:	64.6	L90:	65.5	L90:	65.6	L90:	64.9									

Remark: * A facade correction of +3 dB(A) was applied to the measured noise level.
 # The measured noise level was higher than the baseline level at NM1. Therefore, baseline corrections were carried out and the corrected noise level which solely represent the noise level of Construction works are lower than the noise criteria. As such the EAP was not triggered.
 ^ The measured noise levels exceeded the limit noise level of 70 dB and 65dB during the examination period for NM2b & NM3, but they were lower than the baseline level for NM2b & NM3. Therefore, they were not considered as an exceedance of limit level. As such the EAP was not triggered.