

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 Observati on	Measured Noise Level [Construction Noise Level], dB(A)		Unit	Constructi on Noise Level #	Unit
				Leq:		Leq:		Leq:		Leq:		Leq:		Leq:		Leq:	66	dB(A)	Major: Noise from Yau	Leq:	66.21	dB(A)	58.12	dB(A)
2025-09-09	NM1*	13:00	0.3	L10:	65.3	L10:	64.3	L10:	65.8	L10:	66.3	L10:	66.3	L10:	66.9									
				L90:	68.2	L90:	65.2	L90:	69.7	L90:	69.6	L90:	69.3	L90:	69.4									
				L90:	60.9	L90:	59.5	L90:	58.1	L90:	61.5	L90:	60.9	L90:	61.6									
2025-09-09	NM2b *	11:38	0.3	Leq:	71.2	Leq:	70.9	Leq:	71.6	Leq:	71.7	Leq:	70.3	Leq:	70.4	Leq:	71	dB(A)	Major: Noise from Yau	Leq:	72.01	dB(A)	N.A.	dB(A)
				L10:	75.4	L10:	74.1	L10:	74.7	L10:	75.3	L10:	73.6	L10:	74.1									
				L90:	62.3	L90:	62.6	L90:	63.6	L90:	64.9	L90:	63.4	L90:	63.9									
2025-09-09	NM3	11:00	0.3	Leq:	66.3	Leq:	65.0	Leq:	65.3	Leq:	65.4	Leq:	65.3	Leq:	66.3	Leq:	66	dB(A)	Major: Noise from Yau	Leq:	65.18	dB(A)	N.A.	dB(A)
				L10:	67.6	L10:	66.5	L10:	66.5	L10:	66.5	L10:	66.6	L10:	67.0									
				L90:	64.5	L90:	63.5	L90:	63.7	L90:	64.0	L90:	63.9	L90:	64.3									

Remark: * A facade correction of +3 dB(A) was applied to the measured noise level.
 ^On 1, 9, 22, and 30 September 2025, the measured noise levels of NM2b exceeded the limit level of 70dB(A). However, they were lower than the baseline level of 73.4 dB(A). Therefore, they are not considered as an limit level exceedance.
 # 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.

