Project: Tung Chung New Town Extension

Project no.: 219844-70

Tilte: Construction Groundborne Noise Assessment Results

Item	NAP	Floor	Floor Level (mPD)	Horizontal Distance, m		Vertical Distance, mPD		Slant Distance, m		Distance Attenuation, dB	Source Term , dB[1]	Building Coupling Loss, dB	Floor to Floor Attenuation, dB	Conversion from Vibration to Noise, dB	Conversion to A-Weighted Noise Level, dB	Predicted $L_{eq\ 30min}$, dB(A)	Criteria (Daytime), dB(A)	Compliance (Y/N)
				Up Track	Down Track	Up Track	Down Track	Up Track	Down Track									
1	TCW-2-01	1	16	30	50	26	26	40	57	-17.2	115.9	-10	-2	-27	-20	40	65	Yes
2	TCW-2-02	1	16	40	60	26	26	48	66	-18.8	115.9	-10	-2	-27	-20	38	65	Yes

Note :

[1]The source RMS vibration velocity of 0.625 mm/s is extracted from the approved EIA-098/2004 Kowloon Southern Link