

Appendix 4.7
Operation Air-borne Noise Assessment (Unmitigated Scenario)

NSR 1 - Tsui Hong House Tsui Wan Estate

Airborne Noise Source	SWL of the Operation	Distance from Notional Source	Distance Attenuation	% On time	Screening Effect	Façade Correction	SPL	Cumulative Operation Noise Level	ASR Rating	Acceptable Noise Level	Exceedance?
Chai Wan EMSD Workshop								52	C	65	No
Motorcycle Speedometer Testing	112	100	-40	3%	0	3	52				
Concurrent Project											
Citybus Chai Wan Depot	--	--	--	--	--	--	--				

NSR 2 - Tsui Shou House Tsui Wan Estate

Airborne Noise Source	SWL of the Operation	Distance from Notional Source	Distance Attenuation	% On time	Screening Effect	Façade Correction	SPL	Cumulative Operation Noise Level	ASR Rating	Acceptable Noise Level	Exceedance?
Chai Wan EMSD Workshop								55	C	65	No
Motorcycle Speedometer Testing	112	80	-38	3%	0	3	54				
Concurrent Project											
Citybus Chai Wan Depot *	--	--	--	--	--	--	48				

NSR 3 - Tsui Ching House Hang Tsui Court

Airborne Noise Source	SWL of the Operation	Distance from Notional Source	Distance Attenuation	% On time	Screening Effect	Façade Correction	SPL	Cumulative Operation Noise Level	ASR Rating	Acceptable Noise Level	Exceedance?
Chai Wan EMSD Workshop								46	C	65	No
Motorcycle Speedometer Testing	112	202	-46	3%	0	3	46				
Concurrent Project											
Citybus Chai Wan Depot	--	--	--	--	--	--	--				

NSR 4 - Hong Kong Institute of Vocational Education (Chai Wan)

Airborne Noise Source	SWL of the Operation	Distance from Notional Source	Distance Attenuation	% On time	Screening Effect	Façade Correction	SPL	Cumulative Operation Noise Level	ASR Rating	Acceptable Noise Level	Exceedance?
Chai Wan EMSD Workshop								59	C	65	No
Motorcycle Speedometer Testing	112	253	-48	3%	0	3	44				
Concurrent Project											
Citybus Chai Wan Depot *	--	--	--	--	--	--	59				

NSR 5 - Endeavourers Chan Cheng Kit Wan KG

Airborne Noise Source	SWL of the Operation	Distance from Notional Source	Distance Attenuation	% On time	Screening Effect	Façade Correction	SPL	Cumulative Operation Noise Level	ASR Rating	Acceptable Noise Level	Exceedance?
Chai Wan EMSD Workshop								55	C	65	No
Motorcycle Speedometer Testing	112	80	-38	3%	0	3	54				
Concurrent Project											
Citybus Chai Wan Depot *	--	--	--	--	--	--	48				

NSR 6 - SKH Li Fook Hing Secondary School

Airborne Noise Source	SWL of the Operation	Distance from Notional Source	Distance Attenuation	% On time	Screening Effect	Façade Correction	SPL	Cumulative Operation Noise Level	ASR Rating	Acceptable Noise Level	Exceedance?
Chai Wan EMSD Workshop								46	C	65	No
Motorcycle Speedometer Testing	112	206	-46	3%	0	3	46				
Concurrent Project											
Citybus Chai Wan Depot *	--	--	--	--	--	--	--				

NSR 7 - Chai Wan Faith Love Lutheran School

Airborne Noise Source	SWL of the Operation	Distance from Notional Source	Distance Attenuation	% On time	Screening Effect	Façade Correction	SPL	Cumulative Operation Noise Level	ASR Rating	Acceptable Noise Level	Exceedance?
Chai Wan EMSD Workshop								43	C	65	No
Motorcycle Speedometer Testing	112	302	-50	3%	0	3	43				
Concurrent Project											
Citybus Chai Wan Depot *	--	--	--	--	--	--	--				

NSR 8 - Planned Educational Institute

Airborne Noise Source	SWL of the Operation	Distance from Notional Source	Distance Attenuation	% On time	Screening Effect	Façade Correction	SPL	Cumulative Operation Noise Level	ASR Rating	Acceptable Noise Level	Exceedance?
Chai Wan EMSD Workshop								68	C	65	Yes
Motorcycle Speedometer Testing	112	17	-25	3%	0	3	68				
Concurrent Project											
Citybus Chai Wan Depot *	--	--	--	--	--	--	--				

NOTE:

Operation noise impact from Citybus Chai Wan Depot Depot was made reference to "Environmental Impact Assessment for Proposed Headquarters and Bus Maintenance Depot in Chai Wan" (EIA 060/2001) that only applies to assessed NSRs