

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Hin Keng
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation			Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int			
TAW-5-2 (Residential Building) Daytime	B	60	58	58	VS - HIK - 1 - 1	51	75	90	3	-46	-5	3	0	96		
					VS - HIK - 1 - 2	51	85	180	3	-47	-10	3	0	102		
					VS - HIK - 1 - 3	51	75	90	3	-46	-5	3	0	96		
					VS - HIK - 1 - 4	51	60	0	3	-44	0	3	0	89		
					VS - HIK - 1 - 5	51	70	0	3	-45	0	3	0	90		
						58										
	Night-time	B	50	50	50	VS - HIK - 1 - 1	43	75	90	3	-46	-5	3	0	88	
						VS - HIK - 1 - 2	43	85	180	3	-47	-10	3	0	94	
						VS - HIK - 1 - 3	43	75	90	3	-46	-5	3	0	88	
						VS - HIK - 1 - 4	43	60	0	3	-44	0	3	0	81	
VS - HIK - 1 - 5						43	70	0	3	-45	0	3	0	82		
					50											
TAW-6-5 (Residential Building) Daytime	B	60	58	58	VS - HIK - 1 - 1	51	80	90	3	-46	-5	3	0	96		
					VS - HIK - 1 - 2	51	65	0	3	-44	0	3	0	89		
					VS - HIK - 1 - 3	51	60	0	3	-44	0	3	0	89		
					VS - HIK - 1 - 4	51	80	90	3	-46	-5	3	0	96		
					VS - HIK - 1 - 5	51	70	0	3	-45	0	3	0	90		
						58										
	Night-time	B	50	56	50	VS - HIK - 1 - 1	43	80	90	3	-46	-5	3	0	88	
						VS - HIK - 1 - 2	43	65	0	3	-44	0	3	0	81	
						VS - HIK - 1 - 3	43	60	0	3	-44	0	3	0	81	
						VS - HIK - 1 - 4	43	80	90	3	-46	-5	3	0	88	
VS - HIK - 1 - 5						43	70	0	3	-45	0	3	0	82		
					50											
TAW-5-3 (Residential Building) Daytime	B	60	58	58	VS - HIK - 1 - 1	51	195	0	3	-54	0	3	0	99		
					VS - HIK - 1 - 2	51	210	90	3	-54	-5	3	0	104		
					VS - HIK - 1 - 3	51	210	180	3	-54	-10	3	0	109		
					VS - HIK - 1 - 4	51	190	0	3	-54	0	3	0	99		
					VS - HIK - 1 - 5	51	200	0	3	-54	0	3	0	99		
						58										
	Night-time	B	50	50	50	VS - HIK - 1 - 1	43	195	0	3	-54	0	3	0	91	
						VS - HIK - 1 - 2	43	210	90	3	-54	-5	3	0	96	
						VS - HIK - 1 - 3	43	210	180	3	-54	-10	3	0	101	
						VS - HIK - 1 - 4	43	190	0	3	-54	0	3	0	91	
VS - HIK - 1 - 5						43	200	0	3	-54	0	3	0	91		
					50											

Noise Sources	Daytime	Night-time
VS - HIK - 1 - 1	96	88
VS - HIK - 1 - 2	89	81
VS - HIK - 1 - 3	89	81
VS - HIK - 1 - 4	89	81
VS - HIK - 1 - 5	90	82

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Building near Ma Chal Hang Recreation Ground
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) -All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks		
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int	
DIH-21-1 (Residential Building)	Daytime	B	60	69	60	VS - MCV - 1 - 1	51	45	90	3	-41	-5	3	0	91	
						VS - MCV - 1 - 2	51	40	0	3	-40	0	3	0	85	
						VS - MCV - 1 - 3	51	45	0	3	-41	0	3	0	86	
						VS - MCV - 1 - 4	51	50	0	3	-42	0	3	0	87	
						VS - MCV - 1 - 5	51	55	0	3	-43	0	3	0	88	
						VS - MCV - 1 - 6	51	65	90	3	-44	-5	3	0	94	
						VS - MCV - 1 - 7	51	50	90	3	-42	-5	3	0	92	
						VS - MCV - 1 - 8	51	50	180	3	-42	-10	3	0	97	
	Night-time	B	50	56	50	VS - MCV - 1 - 1	41	45	90	3	-41	-5	3	0	81	
						VS - MCV - 1 - 2	41	40	0	3	-40	0	3	0	75	
						VS - MCV - 1 - 3	41	45	0	3	-41	0	3	0	76	
						VS - MCV - 1 - 4	41	50	0	3	-42	0	3	0	77	
						VS - MCV - 1 - 5	41	55	0	3	-43	0	3	0	78	
						VS - MCV - 1 - 6	41	65	90	3	-44	-5	3	0	84	
						VS - MCV - 1 - 7	41	50	90	3	-42	-5	3	0	82	
						VS - MCV - 1 - 8	41	50	180	3	-42	-10	3	0	87	
DIH-23-1 (Residential Building)	Daytime	B	60	69	60	VS - MCV - 1 - 1	51	105	0	3	-48	0	3	0	93	
						VS - MCV - 1 - 2	51	110	0	3	-49	0	3	0	94	
						VS - MCV - 1 - 3	51	115	90	3	-49	-5	3	0	99	
						VS - MCV - 1 - 4	51	120	90	3	-50	-5	3	0	100	
						VS - MCV - 1 - 5	51	125	90	3	-50	-5	3	0	100	
						VS - MCV - 1 - 6	51	125	90	3	-50	-5	3	0	100	
						VS - MCV - 1 - 7	51	110	0	3	-49	0	3	0	94	
						VS - MCV - 1 - 8	51	115	90	3	-49	-5	3	0	99	
	Night-time	B	50	56	50	VS - MCV - 1 - 1	41	105	0	3	-48	0	3	0	83	
						VS - MCV - 1 - 2	41	110	0	3	-49	0	3	0	84	
						VS - MCV - 1 - 3	41	115	90	3	-49	-5	3	0	89	
						VS - MCV - 1 - 4	41	120	90	3	-50	-5	3	0	90	
						VS - MCV - 1 - 5	41	125	90	3	-50	-5	3	0	90	
						VS - MCV - 1 - 6	41	125	90	3	-50	-5	3	0	90	
						VS - MCV - 1 - 7	41	110	0	3	-49	0	3	0	84	
						VS - MCV - 1 - 8	41	115	90	3	-49	-5	3	0	89	
DIH-20-1 (Educational Building)	Daytime	B	60	66	60	VS - MCV - 1 - 1	51	170	0	3	-53	0	3	0	98	
						VS - MCV - 1 - 2	51	175	180	3	-53	-10	3	0	108	
						VS - MCV - 1 - 3	51	170	180	3	-53	-10	3	0	108	
						VS - MCV - 1 - 4	51	165	90	3	-52	-5	3	0	102	
						VS - MCV - 1 - 5	51	160	90	3	-52	-5	3	0	102	
						VS - MCV - 1 - 6	51	155	0	3	-52	0	3	0	97	
						VS - MCV - 1 - 7	51	165	0	3	-52	0	3	0	97	
						VS - MCV - 1 - 8	51	165	0	3	-52	0	3	0	97	
	Night-time	B	50	58	50	VS - MCV - 1 - 1	41	170	0	3	-53	0	3	0	88	No school activities during night-time
						VS - MCV - 1 - 2	41	175	180	3	-53	-10	3	0	98	No school activities during night-time
						VS - MCV - 1 - 3	41	170	180	3	-53	-10	3	0	98	No school activities during night-time
						VS - MCV - 1 - 4	41	165	90	3	-52	-5	3	0	92	No school activities during night-time
						VS - MCV - 1 - 5	41	160	90	3	-52	-5	3	0	92	No school activities during night-time
						VS - MCV - 1 - 6	41	155	0	3	-52	0	3	0	87	No school activities during night-time
						VS - MCV - 1 - 7	41	165	0	3	-52	0	3	0	87	No school activities during night-time
						VS - MCV - 1 - 8	41	165	0	3	-52	0	3	0	87	No school activities during night-time
DIH-4-2 (Educational Building)	Daytime	B	60	66	60	VS - MCV - 1 - 1	51	140	0	3	-51	0	3	0	96	
						VS - MCV - 1 - 2	51	140	180	3	-51	-10	3	0	106	
						VS - MCV - 1 - 3	51	135	180	3	-51	-10	3	0	106	
						VS - MCV - 1 - 4	51	125	90	3	-50	-5	3	0	100	
						VS - MCV - 1 - 5	51	120	90	3	-50	-5	3	0	100	
						VS - MCV - 1 - 6	51	120	0	3	-50	0	3	0	95	
						VS - MCV - 1 - 7	51	135	0	3	-51	0	3	0	96	
						VS - MCV - 1 - 8	51	135	0	3	-51	0	3	0	96	
	Night-time	B	50	58	50	VS - MCV - 1 - 1	41	140	0	3	-51	0	3	0	86	No school activities during night-time
						VS - MCV - 1 - 2	41	140	180	3	-51	-10	3	0	96	No school activities during night-time
						VS - MCV - 1 - 3	41	135	180	3	-51	-10	3	0	96	No school activities during night-time
						VS - MCV - 1 - 4	41	125	90	3	-50	-5	3	0	90	No school activities during night-time
						VS - MCV - 1 - 5	41	120	90	3	-50	-5	3	0	90	No school activities during night-time
						VS - MCV - 1 - 6	41	120	0	3	-50	0	3	0	85	No school activities during night-time
						VS - MCV - 1 - 7	41	135	0	3	-51	0	3	0	86	No school activities during night-time
						VS - MCV - 1 - 8	41	135	0	3	-51	0	3	0	86	No school activities during night-time

Noise Sources	Daytime	Night-time
VS - MCV - 1 - 1	91	81
VS - MCV - 1 - 2	85	75
VS - MCV - 1 - 3	86	76
VS - MCV - 1 - 4	87	77
VS - MCV - 1 - 5	88	78
VS - MCV - 1 - 6	94	84
VS - MCV - 1 - 7	92	82
VS - MCV - 1 - 8	96	87

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Fung Tak Shaft and EEP
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks		
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int	
DIH-3-4 (Residential Building)	Daytime	B	60	58	58	VS - WTS - 1 - 1	52	100	180	3	-48	-10	3	0	104	
						VS - WTS - 1 - 2	52	90	90	3	-47	-5	3	0	98	
						VS - WTS - 1 - 3	52	70	0	3	-45	0	3	0	90	
						VS - WTS - 1 - 4	52	75	90	3	-46	-5	3	0	96	
						VS - WTS - 1 - 5	52	85	0	3	-47	0	3	0	92	
	Night-time	B	50	55	50	VS - WTS - 1 - 1	44	100	180	3	-48	-10	3	0	96	
						VS - WTS - 1 - 2	44	90	90	3	-47	-5	3	0	90	
						VS - WTS - 1 - 3	44	70	0	3	-45	0	3	0	82	
						VS - WTS - 1 - 4	44	75	90	3	-46	-5	3	0	88	
						VS - WTS - 1 - 5	44	85	0	3	-47	0	3	0	84	
						58										
						50										
DIH-5-1 (Residential Building)	Daytime	B	60	58	58	VS - WTS - 1 - 1	52	105	90	3	-48	-5	3	0	99	
						VS - WTS - 1 - 2	52	125	180	3	-50	-10	3	0	105	
						VS - WTS - 1 - 3	52	115	90	3	-49	-5	3	0	100	
						VS - WTS - 1 - 4	52	95	0	3	-48	0	3	0	93	
						VS - WTS - 1 - 5	52	110	0	3	-49	0	3	0	94	
	Night-time	B	50	55	50	VS - WTS - 1 - 1	44	105	90	3	-48	-5	3	0	91	
						VS - WTS - 1 - 2	44	125	180	3	-50	-10	3	0	97	
						VS - WTS - 1 - 3	44	115	90	3	-49	-5	3	0	92	
						VS - WTS - 1 - 4	44	95	0	3	-48	0	3	0	85	
						VS - WTS - 1 - 5	44	110	0	3	-49	0	3	0	86	
						58										
						50										
DIH-16-1 (Worship)	Daytime	B	60	58	58	VS - WTS - 1 - 1	52	65	90	3	-44	-5	3	0	95	
						VS - WTS - 1 - 2	52	50	0	3	-42	0	3	0	87	
						VS - WTS - 1 - 3	52	65	90	3	-44	-5	3	0	95	
						VS - WTS - 1 - 4	52	80	180	3	-46	-10	3	0	102	
						VS - WTS - 1 - 5	52	65	0	3	-44	0	3	0	90	
	Night-time	B	50	55	50	VS - WTS - 1 - 1	44	65	90	3	-44	-5	3	0	87	
						VS - WTS - 1 - 2	44	50	0	3	-42	0	3	0	79	
						VS - WTS - 1 - 3	44	65	90	3	-44	-5	3	0	87	
						VS - WTS - 1 - 4	44	80	180	3	-46	-10	3	0	94	
						VS - WTS - 1 - 5	44	65	0	3	-44	0	3	0	82	
						58										
						50										
DIH-17-1 (Residential Building)	Daytime	B	60	58	58	VS - WTS - 1 - 1	52	85	0	3	-47	0	3	0	92	
						VS - WTS - 1 - 2	52	105	90	3	-48	-5	3	0	99	
						VS - WTS - 1 - 3	52	115	180	3	-49	-10	3	0	105	
						VS - WTS - 1 - 4	52	100	90	3	-48	-5	3	0	99	
						VS - WTS - 1 - 5	52	100	0	3	-48	0	3	0	94	
	Night-time	B	50	55	50	VS - WTS - 1 - 1	44	85	0	3	-47	0	3	0	84	
						VS - WTS - 1 - 2	44	105	90	3	-48	-5	3	0	91	
						VS - WTS - 1 - 3	44	115	180	3	-49	-10	3	0	97	
						VS - WTS - 1 - 4	44	100	90	3	-48	-5	3	0	91	
						VS - WTS - 1 - 5	44	100	0	3	-48	0	3	0	86	
						58										
						50										

Noise Sources	Daytime	Night-time
VS - WTS - 1 - 1	92	84
VS - WTS - 1 - 2	87	79
VS - WTS - 1 - 3	90	82
VS - WTS - 1 - 4	93	85
VS - WTS - 1 - 5	90	82

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation			Corrections, dB(A)			Permissible		Remarks
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int	SWL, dB(A)	
DIH-12-1 (Residential Building) Daytime	C	65	69	65	VS - DIH - 1 - 2	49	300	180	3	-58	-10	3	0	110	
					VS - DIH - 2 - 2	49	290	180	3	-57	-10	3	0	110	
					VS - DIH - 3 - 2	49	290	180	3	-57	-10	3	0	110	
					VS - DIH - 4 - 2	49	290	180	3	-57	-10	3	0	110	
					VS - DIH - 5 - 2	49	295	180	3	-57	-10	3	0	110	
					VS - DIH - 6 - 2	49	300	180	3	-58	-10	3	0	110	
					VS - DIH - 11 - 1	49	250	0	3	-56	0	3	0	98	
					VS - DIH - 11 - 2	49	260	90	3	-56	-5	3	0	104	
					VS - DIH - 11 - 3	49	275	90	3	-57	-5	3	0	104	
					VS - DIH - 11 - 4	49	255	0	3	-56	0	3	0	99	
					VS - DIH - 26 - 5	49	220	0	3	-55	0	3	0	97	
					VS - DIH - 27 - 5	49	215	0	3	-55	0	3	0	97	
					VS - DIH - 28 - 5	49	215	0	3	-55	0	3	0	97	
					VS - DIH - 29 - 5	49	205	0	3	-54	0	3	0	97	
					VS - DIH - 30 - 5	49	200	0	3	-54	0	3	0	97	
					VS - DIH - 31 - 5	49	195	0	3	-54	0	3	0	96	
					VS - DIH - 32 - 5	49	205	0	3	-54	0	3	0	97	
					VS - DIH - 33 - 1	49	220	90	3	-55	-5	3	0	102	
					VS - DIH - 33 - 2	49	220	180	3	-55	-10	3	0	107	
					VS - DIH - 33 - 3	49	215	90	3	-55	-5	3	0	102	
					VS - DIH - 33 - 4	49	215	0	3	-55	0	3	0	97	
					VS - DIH - 34 - 5	49	200	0	3	-54	0	3	0	97	
					VS - DIH - 35 - 5	49	205	0	3	-54	0	3	0	97	
					VS - DIH - 36 - 1	49	205	90	3	-54	-5	3	0	102	
					VS - DIH - 36 - 2	49	205	180	3	-54	-10	3	0	107	
					VS - DIH - 36 - 3	49	205	90	3	-54	-5	3	0	102	
					VS - DIH - 36 - 4	49	200	0	3	-54	0	3	0	97	
					VS - DIH - 37 - 1	49	215	90	3	-55	-5	3	0	102	
					VS - DIH - 37 - 2	49	215	180	3	-55	-10	3	0	107	
					VS - DIH - 37 - 3	49	210	90	3	-54	-5	3	0	102	
					VS - DIH - 37 - 4	49	210	0	3	-54	0	3	0	97	
					VS - DIH - 38 - 1	49	215	90	3	-55	-5	3	0	102	
					VS - DIH - 38 - 2	49	220	180	3	-55	-10	3	0	107	
					VS - DIH - 38 - 3	49	215	90	3	-55	-5	3	0	102	
					VS - DIH - 38 - 4	49	215	0	3	-55	0	3	0	97	
					VS - DIH - 39 - 1	49	220	90	3	-55	-5	3	0	102	
					VS - DIH - 39 - 2	49	225	180	3	-55	-10	3	0	108	
					VS - DIH - 39 - 3	49	220	90	3	-55	-5	3	0	102	
					VS - DIH - 39 - 4	49	220	0	3	-55	0	3	0	97	
					VS - DIH - 40 - 1	49	230	90	3	-55	-5	3	0	103	
					VS - DIH - 40 - 2	49	235	180	3	-55	-10	3	0	108	
					VS - DIH - 40 - 3	49	230	90	3	-55	-5	3	0	103	
					VS - DIH - 40 - 4	49	230	0	3	-55	0	3	0	98	
					VS - DIH - 41 - 1	49	180	90	3	-53	-5	3	0	101	
					VS - DIH - 41 - 2	49	190	180	3	-54	-10	3	0	106	
					VS - DIH - 41 - 3	49	180	90	3	-53	-5	3	0	101	
					VS - DIH - 41 - 4	49	165	0	3	-52	0	3	0	95	
					VS - DIH - 41 - 5	49	180	0	3	-53	0	3	0	96	
										65					
Night-time	C	55	62	55	VS - DIH - 1 - 2	39	300	180	3	-58	-10	3	0	100	
					VS - DIH - 2 - 2	39	290	180	3	-57	-10	3	0	100	
					VS - DIH - 3 - 2	39	290	180	3	-57	-10	3	0	100	
					VS - DIH - 4 - 2	39	290	180	3	-57	-10	3	0	100	
					VS - DIH - 5 - 2	39	295	180	3	-57	-10	3	0	100	
					VS - DIH - 6 - 2	39	300	180	3	-58	-10	3	0	100	
					VS - DIH - 11 - 1	39	250	0	3	-56	0	3	0	88	
					VS - DIH - 11 - 2	39	260	90	3	-56	-5	3	0	94	
					VS - DIH - 11 - 3	39	275	90	3	-57	-5	3	0	94	
					VS - DIH - 11 - 4	39	255	0	3	-56	0	3	0	89	
					VS - DIH - 26 - 5	39	220	0	3	-55	0	3	0	87	
					VS - DIH - 27 - 5	39	215	0	3	-55	0	3	0	87	
					VS - DIH - 28 - 5	39	215	0	3	-55	0	3	0	87	
					VS - DIH - 29 - 5	39	205	0	3	-54	0	3	0	87	
					VS - DIH - 30 - 5	39	200	0	3	-54	0	3	0	87	
					VS - DIH - 31 - 5	39	195	0	3	-54	0	3	0	86	
					VS - DIH - 32 - 5	39	205	0	3	-54	0	3	0	87	
					VS - DIH - 33 - 1	39	220	90	3	-55	-5	3	0	92	
					VS - DIH - 33 - 2	39	220	180	3	-55	-10	3	0	97	
					VS - DIH - 33 - 3	39	215	90	3	-55	-5	3	0	92	
					VS - DIH - 33 - 4	39	215	0	3	-55	0	3	0	87	
					VS - DIH - 34 - 5	39	200	0	3	-54	0	3	0	87	
					VS - DIH - 35 - 5	39	205	0	3	-54	0	3	0	87	
					VS - DIH - 36 - 1	39	205	90	3	-54	-5	3	0	92	
					VS - DIH - 36 - 2	39	205	180	3	-54	-10	3	0	97	
					VS - DIH - 36 - 3	39	205	90	3	-54	-5	3	0	92	
					VS - DIH - 36 - 4	39	200	0	3	-54	0	3	0	87	
					VS - DIH - 37 - 1	39	215	90	3	-55	-5	3	0	92	
					VS - DIH - 37 - 2	39	215	180	3	-55	-10	3	0	97	
					VS - DIH - 37 - 3	39	210	90	3	-54	-5	3	0	92	
					VS - DIH - 37 - 4	39	210	0	3	-54	0	3	0	87	
					VS - DIH - 38 - 1	39	215	90	3	-55	-5	3	0	92	
					VS - DIH - 38 - 2	39	220	180	3	-55	-10	3	0	97	
					VS - DIH - 38 - 3	39	215	90	3	-55	-5	3	0	92	
					VS - DIH - 38 - 4	39	215	0	3	-55	0	3	0	87	
					VS - DIH - 39 - 1	39	220	90	3	-55	-5	3	0	92	
					VS - DIH - 39 - 2	39	225	180	3	-55	-10	3	0	98	
					VS - DIH - 39 - 3	39	220	90	3	-55	-5	3	0	92	
					VS - DIH - 39 - 4	39	220	0	3	-55	0	3	0	87	
					VS - DIH - 40 - 1	39	230	90	3	-55	-5	3	0	93	
					VS - DIH - 40 - 2	39	235	180	3	-55	-10	3	0	98	
					VS - DIH - 40 - 3	39	230	90	3	-55	-5	3	0	93	
					VS - DIH - 40 - 4	39	230	0	3	-55	0	3	0	88	
					VS - DIH - 41 - 1	39	180	90	3	-53	-5	3	0	91	
					VS - DIH - 41 - 2	39	190	180	3	-54	-10	3	0	96	
					VS - DIH - 41 - 3	39	180	90	3	-53	-5	3	0	91	
					VS - DIH - 41 - 4	39	165	0	3	-52	0	3	0	85	
					VS - DIH - 41 - 5	39	180	0	3	-53	0	3	0	86	
										55					

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation			Corrections, dB(A)				Permissible SWL, dB(A)	Remarks					
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int							
DIH-12-2 (Residential Building) Daytime	C	65	69	65	VS - DIH - 7 - 2	48	285	180	3	-57	-10	3	0	109						
					VS - DIH - 8 - 2	48	290	180	3	-57	-10	3	0	109						
					VS - DIH - 9 - 2	48	290	180	3	-57	-10	3	0	109						
					VS - DIH - 9 - 4	48	295	0	3	-57	0	3	0	99						
					VS - DIH - 10 - 3	48	225	90	3	-55	-5	3	0	102						
					VS - DIH - 10 - 4	48	220	0	3	-55	0	3	0	97						
					VS - DIH - 11 - 1	48	195	90	3	-54	-5	3	0	101						
					VS - DIH - 11 - 2	48	205	180	3	-54	-10	3	0	106						
					VS - DIH - 11 - 3	48	205	90	3	-54	-5	3	0	101						
					VS - DIH - 11 - 4	48	195	0	3	-54	0	3	0	96						
					VS - DIH - 26 - 5	48	175	0	3	-53	0	3	0	95						
					VS - DIH - 27 - 5	48	175	0	3	-53	0	3	0	95						
					VS - DIH - 28 - 5	48	180	0	3	-53	0	3	0	95						
					VS - DIH - 29 - 5	48	170	0	3	-53	0	3	0	95						
					VS - DIH - 30 - 5	48	170	0	3	-53	0	3	0	95						
					VS - DIH - 31 - 5	48	175	0	3	-53	0	3	0	95						
					VS - DIH - 32 - 5	48	180	0	3	-53	0	3	0	95						
					VS - DIH - 33 - 1	48	255	90	3	-56	-5	3	0	103						
					VS - DIH - 33 - 2	48	250	180	3	-56	-10	3	0	108						
					VS - DIH - 33 - 3	48	240	0	3	-56	0	3	0	98						
					VS - DIH - 33 - 4	48	245	0	3	-56	0	3	0	98						
					VS - DIH - 34 - 5	48	245	0	3	-56	0	3	0	98						
					VS - DIH - 35 - 5	48	245	0	3	-56	0	3	0	98						
					VS - DIH - 36 - 1	48	255	90	3	-56	-5	3	0	103						
					VS - DIH - 36 - 2	48	255	90	3	-56	-5	3	0	103						
					VS - DIH - 36 - 3	48	250	0	3	-56	0	3	0	98						
					VS - DIH - 36 - 4	48	250	0	3	-56	0	3	0	98						
					VS - DIH - 37 - 1	48	260	90	3	-56	-5	3	0	103						
					VS - DIH - 37 - 2	48	260	90	3	-56	-5	3	0	103						
					VS - DIH - 37 - 3	48	255	0	3	-56	0	3	0	98						
					VS - DIH - 37 - 4	48	255	0	3	-56	0	3	0	98						
					VS - DIH - 38 - 1	48	270	90	3	-57	-5	3	0	104						
					VS - DIH - 38 - 2	48	270	90	3	-57	-5	3	0	104						
					VS - DIH - 38 - 3	48	265	0	3	-56	0	3	0	98						
					VS - DIH - 38 - 4	48	265	0	3	-56	0	3	0	98						
					VS - DIH - 39 - 1	48	285	90	3	-57	-5	3	0	104						
					VS - DIH - 39 - 2	48	285	90	3	-57	-5	3	0	104						
					VS - DIH - 39 - 3	48	280	0	3	-57	0	3	0	99						
					VS - DIH - 39 - 4	48	280	0	3	-57	0	3	0	99						
					VS - DIH - 40 - 1	48	290	90	3	-57	-5	3	0	104						
					VS - DIH - 40 - 2	48	295	90	3	-57	-5	3	0	104						
					VS - DIH - 40 - 3	48	290	0	3	-57	0	3	0	99						
					VS - DIH - 40 - 4	48	285	0	3	-57	0	3	0	99						
					VS - DIH - 41 - 1	48	240	90	3	-56	-5	3	0	103						
					VS - DIH - 41 - 2	48	240	180	3	-56	-10	3	0	108						
					VS - DIH - 41 - 3	48	220	90	3	-55	-5	3	0	102						
					VS - DIH - 41 - 4	48	220	0	3	-55	0	3	0	97						
					VS - DIH - 41 - 5	48	230	0	3	-55	0	3	0	97						
										65										
					Night-time	C	55	62	55	VS - DIH - 7 - 2	38	285	180	3	-57	-10	3	0	99	
VS - DIH - 8 - 2	38	290	180	3						-57	-10	3	0	99						
VS - DIH - 9 - 2	38	290	180	3						-57	-10	3	0	99						
VS - DIH - 9 - 4	38	295	0	3						-57	0	3	0	89						
VS - DIH - 10 - 3	38	225	90	3						-55	-5	3	0	92						
VS - DIH - 10 - 4	38	220	0	3						-55	0	3	0	87						
VS - DIH - 11 - 1	38	195	90	3						-54	-5	3	0	91						
VS - DIH - 11 - 2	38	205	180	3						-54	-10	3	0	96						
VS - DIH - 11 - 3	38	205	90	3						-54	-5	3	0	91						
VS - DIH - 11 - 4	38	195	0	3						-54	0	3	0	86						
VS - DIH - 26 - 5	38	175	0	3						-53	0	3	0	85						
VS - DIH - 27 - 5	38	175	0	3						-53	0	3	0	85						
VS - DIH - 28 - 5	38	180	0	3						-53	0	3	0	85						
VS - DIH - 29 - 5	38	170	0	3						-53	0	3	0	85						
VS - DIH - 30 - 5	38	170	0	3						-53	0	3	0	85						
VS - DIH - 31 - 5	38	175	0	3						-53	0	3	0	85						
VS - DIH - 32 - 5	38	180	0	3						-53	0	3	0	85						
VS - DIH - 33 - 1	38	255	90	3						-56	-5	3	0	93						
VS - DIH - 33 - 2	38	250	180	3						-56	-10	3	0	98						
VS - DIH - 33 - 3	38	240	0	3						-56	0	3	0	88						
VS - DIH - 33 - 4	38	245	0	3						-56	0	3	0	88						
VS - DIH - 34 - 5	38	245	0	3						-56	0	3	0	88						
VS - DIH - 35 - 5	38	245	0	3						-56	0	3	0	88						
VS - DIH - 36 - 1	38	255	90	3						-56	-5	3	0	93						
VS - DIH - 36 - 2	38	255	90	3						-56	-5	3	0	93						
VS - DIH - 36 - 3	38	250	0	3						-56	0	3	0	88						
VS - DIH - 36 - 4	38	250	0	3						-56	0	3	0	88						
VS - DIH - 37 - 1	38	260	90	3						-56	-5	3	0	93						
VS - DIH - 37 - 2	38	260	90	3						-56	-5	3	0	93						
VS - DIH - 37 - 3	38	255	0	3						-56	0	3	0	88						
VS - DIH - 37 - 4	38	255	0	3						-56	0	3	0	88						
VS - DIH - 38 - 1	38	270	90	3						-57	-5	3	0	94						
VS - DIH - 38 - 2	38	270	90	3						-57	-5	3	0	94						
VS - DIH - 38 - 3	38	265	0	3						-56	0	3	0	88						
VS - DIH - 38 - 4	38	265	0	3						-56	0	3	0	88						
VS - DIH - 39 - 1	38	285	90	3						-57	-5	3	0	94						
VS - DIH - 39 - 2	38	285	90	3						-57	-5	3	0	94						
VS - DIH - 39 - 3	38	280	0	3						-57	0	3	0	89						
VS - DIH - 39 - 4	38	280	0	3						-57	0	3	0	89						
VS - DIH - 40 - 1	38	290	90	3						-57	-5	3	0	94						
VS - DIH - 40 - 2	38	295	90	3						-57	-5	3	0	94						
VS - DIH - 40 - 3	38	290	0	3						-57	0	3	0	89						
VS - DIH - 40 - 4	38	285	0	3						-57	0	3	0	89						
VS - DIH - 41 - 1	38	240	90	3						-56	-5	3	0	93						
VS - DIH - 41 - 2	38	240	180	3						-56	-10	3	0	98						
VS - DIH - 41 - 3	38	220	90	3						-55	-5	3	0	92						
VS - DIH - 41 - 4	38	220	0	3						-55	0	3	0	87						
VS - DIH - 41 - 5	38	230	0	3						-55	0	3	0	87						
										55										

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible		Remarks
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int	SWL, dB(A)	
DIH-11-1 (Residential Building) Daytime	C	65	69	65	VS - DIH - 3 - 2	48	295	90	3	-57	-5	3	0	104	
					VS - DIH - 4 - 2	48	275	90	3	-57	-5	3	0	104	
					VS - DIH - 5 - 2	48	260	90	3	-56	-5	3	0	103	
					VS - DIH - 6 - 2	48	235	180	3	-55	-10	3	0	107	
					VS - DIH - 7 - 2	48	190	180	3	-54	-10	3	0	106	
					VS - DIH - 8 - 2	48	180	180	3	-53	-10	3	0	105	
					VS - DIH - 9 - 1	48	200	90	3	-54	-5	3	0	101	
					VS - DIH - 9 - 2	48	175	90	3	-53	-5	3	0	100	
					VS - DIH - 9 - 3	48	225	90	3	-55	-5	3	0	102	
					VS - DIH - 9 - 4	48	185	0	3	-53	0	3	0	95	
					VS - DIH - 9 - 5	48	215	0	3	-55	0	3	0	97	
					VS - DIH - 10 - 3	48	110	90	3	-49	-5	3	0	96	
					VS - DIH - 10 - 4	48	105	0	3	-48	0	3	0	90	
					VS - DIH - 11 - 1	48	90	90	3	-47	-5	3	0	94	
					VS - DIH - 11 - 2	48	90	180	3	-47	-10	3	0	99	
					VS - DIH - 11 - 3	48	90	90	3	-47	-5	3	0	94	
					VS - DIH - 11 - 4	48	85	0	3	-47	0	3	0	89	
					VS - DIH - 26 - 5	48	85	0	3	-47	0	3	0	89	
					VS - DIH - 27 - 5	48	90	0	3	-47	0	3	0	89	
					VS - DIH - 28 - 5	48	100	0	3	-48	0	3	0	90	
					VS - DIH - 29 - 5	48	95	0	3	-48	0	3	0	90	
					VS - DIH - 30 - 5	48	100	0	3	-48	0	3	0	90	
					VS - DIH - 31 - 5	48	105	0	3	-48	0	3	0	90	
					VS - DIH - 32 - 5	48	115	0	3	-49	0	3	0	91	
					VS - DIH - 33 - 1	48	230	90	3	-55	-5	3	0	102	
					VS - DIH - 33 - 2	48	220	90	3	-55	-5	3	0	102	
					VS - DIH - 33 - 3	48	210	0	3	-54	0	3	0	96	
					VS - DIH - 33 - 4	48	220	0	3	-55	0	3	0	97	
					VS - DIH - 34 - 5	48	230	0	3	-55	0	3	0	97	
					VS - DIH - 35 - 5	48	230	0	3	-55	0	3	0	97	
					VS - DIH - 36 - 1	48	245	180	3	-56	-10	3	0	106	
					VS - DIH - 36 - 2	48	240	90	3	-56	-5	3	0	103	
					VS - DIH - 36 - 3	48	240	0	3	-56	0	3	0	98	
					VS - DIH - 36 - 4	48	240	0	3	-56	0	3	0	98	
					VS - DIH - 37 - 1	48	245	180	3	-56	-10	3	0	106	
					VS - DIH - 37 - 2	48	240	90	3	-56	-5	3	0	103	
					VS - DIH - 37 - 3	48	240	0	3	-56	0	3	0	98	
					VS - DIH - 37 - 4	48	240	0	3	-56	0	3	0	98	
					VS - DIH - 38 - 1	48	255	180	3	-56	-10	3	0	108	
					VS - DIH - 38 - 2	48	250	90	3	-56	-5	3	0	103	
					VS - DIH - 38 - 3	48	250	0	3	-56	0	3	0	98	
					VS - DIH - 38 - 4	48	250	0	3	-56	0	3	0	98	
					VS - DIH - 39 - 1	48	275	180	3	-57	-10	3	0	109	
					VS - DIH - 39 - 2	48	275	90	3	-57	-5	3	0	104	
					VS - DIH - 39 - 3	48	275	0	3	-57	0	3	0	99	
					VS - DIH - 39 - 4	48	275	0	3	-57	0	3	0	99	
					VS - DIH - 40 - 1	48	285	180	3	-57	-10	3	0	109	
					VS - DIH - 40 - 2	48	285	90	3	-57	-5	3	0	104	
					VS - DIH - 40 - 3	48	285	0	3	-57	0	3	0	99	
					VS - DIH - 40 - 4	48	280	0	3	-57	0	3	0	99	
					VS - DIH - 41 - 1	48	240	90	3	-56	-5	3	0	103	
					VS - DIH - 41 - 2	48	230	90	3	-55	-5	3	0	102	
					VS - DIH - 41 - 3	48	210	0	3	-54	0	3	0	96	
					VS - DIH - 41 - 4	48	225	0	3	-55	0	3	0	97	
					VS - DIH - 41 - 5	48	225	0	3	-55	0	3	0	97	
						65									

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-S (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
Night-time	C	55	62	55	VS - DIH - 3 - 2	38	295	90	3	-57	-5	3	0	94	
					VS - DIH - 4 - 2	38	275	90	3	-57	-5	3	0	94	
					VS - DIH - 5 - 2	38	260	90	3	-56	-5	3	0	93	
					VS - DIH - 6 - 2	38	235	180	3	-55	-10	3	0	97	
					VS - DIH - 7 - 2	38	190	180	3	-54	-10	3	0	96	
					VS - DIH - 8 - 2	38	180	180	3	-53	-10	3	0	95	
					VS - DIH - 9 - 1	38	200	90	3	-54	-5	3	0	91	
					VS - DIH - 9 - 2	38	175	90	3	-53	-5	3	0	90	
					VS - DIH - 9 - 3	38	225	90	3	-55	-5	3	0	92	
					VS - DIH - 9 - 4	38	185	0	3	-53	0	3	0	85	
					VS - DIH - 9 - 5	38	215	0	3	-55	0	3	0	87	
					VS - DIH - 10 - 3	38	110	90	3	-49	-5	3	0	86	
					VS - DIH - 10 - 4	38	105	0	3	-48	0	3	0	80	
					VS - DIH - 11 - 1	38	90	90	3	-47	-5	3	0	84	
					VS - DIH - 11 - 2	38	90	180	3	-47	-10	3	0	89	
					VS - DIH - 11 - 3	38	90	90	3	-47	-5	3	0	84	
					VS - DIH - 11 - 4	38	85	0	3	-47	0	3	0	79	
					VS - DIH - 26 - 5	38	85	0	3	-47	0	3	0	79	
					VS - DIH - 27 - 5	38	90	0	3	-47	0	3	0	79	
					VS - DIH - 28 - 5	38	100	0	3	-48	0	3	0	80	
					VS - DIH - 29 - 5	38	95	0	3	-48	0	3	0	80	
					VS - DIH - 30 - 5	38	100	0	3	-48	0	3	0	80	
					VS - DIH - 31 - 5	38	105	0	3	-48	0	3	0	80	
					VS - DIH - 32 - 5	38	115	0	3	-49	0	3	0	81	
					VS - DIH - 33 - 1	38	230	90	3	-55	-5	3	0	92	
					VS - DIH - 33 - 2	38	220	90	3	-55	-5	3	0	92	
					VS - DIH - 33 - 3	38	210	0	3	-54	0	3	0	86	
					VS - DIH - 33 - 4	38	220	0	3	-55	0	3	0	87	
					VS - DIH - 34 - 5	38	230	0	3	-55	0	3	0	87	
					VS - DIH - 35 - 5	38	230	0	3	-55	0	3	0	87	
					VS - DIH - 36 - 1	38	245	180	3	-56	-10	3	0	98	
					VS - DIH - 36 - 2	38	240	90	3	-56	-5	3	0	93	
					VS - DIH - 36 - 3	38	240	0	3	-56	0	3	0	88	
					VS - DIH - 36 - 4	38	240	0	3	-56	0	3	0	88	
					VS - DIH - 37 - 1	38	245	180	3	-56	-10	3	0	98	
					VS - DIH - 37 - 2	38	240	90	3	-56	-5	3	0	93	
					VS - DIH - 37 - 3	38	240	0	3	-56	0	3	0	88	
					VS - DIH - 37 - 4	38	240	0	3	-56	0	3	0	88	
					VS - DIH - 38 - 1	38	255	180	3	-56	-10	3	0	98	
					VS - DIH - 38 - 2	38	250	90	3	-56	-5	3	0	93	
					VS - DIH - 38 - 3	38	250	0	3	-56	0	3	0	88	
					VS - DIH - 38 - 4	38	250	0	3	-56	0	3	0	88	
					VS - DIH - 39 - 1	38	275	180	3	-57	-10	3	0	99	
					VS - DIH - 39 - 2	38	275	90	3	-57	-5	3	0	94	
					VS - DIH - 39 - 3	38	275	0	3	-57	0	3	0	89	
					VS - DIH - 39 - 4	38	275	0	3	-57	0	3	0	89	
					VS - DIH - 40 - 1	38	285	180	3	-57	-10	3	0	99	
					VS - DIH - 40 - 2	38	285	90	3	-57	-5	3	0	94	
					VS - DIH - 40 - 3	38	285	0	3	-57	0	3	0	89	
					VS - DIH - 40 - 4	38	280	0	3	-57	0	3	0	89	
					VS - DIH - 41 - 1	38	240	90	3	-56	-5	3	0	93	
					VS - DIH - 41 - 2	38	230	90	3	-55	-5	3	0	92	
					VS - DIH - 41 - 3	38	210	0	3	-54	0	3	0	86	
					VS - DIH - 41 - 4	38	225	0	3	-55	0	3	0	87	
					VS - DIH - 41 - 5	38	225	0	3	-55	0	3	0	87	
						55									

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation			Corrections, dB(A)				Permissible SWL, dB(A)	Remarks		
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int				
DIH-9-1 (Education Building)	Daytime	B	60	76	60	60	VS - DIH - 7 - 2	47	210	90	3	-54	-5	3	0	101	
							VS - DIH - 8 - 2	47	150	90	3	-52	-5	3	0	98	
							VS - DIH - 9 - 1	47	80	180	3	-46	-10	3	0	97	
							VS - DIH - 9 - 2	47	100	90	3	-48	-5	3	0	94	
							VS - DIH - 9 - 3	47	55	0	3	-43	0	3	0	84	
							VS - DIH - 9 - 4	47	85	90	3	-47	-5	3	0	93	
							VS - DIH - 9 - 5	47	65	0	3	-44	0	3	0	86	
							VS - DIH - 10 - 3	47	160	90	3	-52	-5	3	0	98	
							VS - DIH - 10 - 4	47	165	90	3	-52	-5	3	0	99	
							VS - DIH - 11 - 1	47	215	180	3	-55	-10	3	0	106	
							VS - DIH - 11 - 2	47	200	0	3	-54	0	3	0	95	
							VS - DIH - 11 - 3	47	185	0	3	-53	0	3	0	95	
							VS - DIH - 11 - 4	47	205	90	3	-54	-5	3	0	101	
							VS - DIH - 26 - 5	47	245	0	3	-56	0	3	0	97	
							VS - DIH - 27 - 5	47	255	0	3	-56	0	3	0	98	
							VS - DIH - 28 - 5	47	265	0	3	-56	0	3	0	98	
							VS - DIH - 29 - 5	47	270	0	3	-57	0	3	0	98	
							VS - DIH - 30 - 5	47	275	0	3	-57	0	3	0	98	
	VS - DIH - 31 - 5	47	285	0	3	-57	0	3	0	98							
	VS - DIH - 32 - 5	47	280	0	3	-57	0	3	0	98							
						60											
	Night-time	B	50	71	50	50	VS - DIH - 7 - 2	37	210	90	3	-54	-5	3	0	91	No school activities during night-time
							VS - DIH - 8 - 2	37	150	90	3	-52	-5	3	0	88	No school activities during night-time
							VS - DIH - 9 - 1	37	80	180	3	-46	-10	3	0	87	No school activities during night-time
							VS - DIH - 9 - 2	37	100	90	3	-48	-5	3	0	84	No school activities during night-time
							VS - DIH - 9 - 3	37	55	0	3	-43	0	3	0	74	No school activities during night-time
							VS - DIH - 9 - 4	37	85	90	3	-47	-5	3	0	83	No school activities during night-time
							VS - DIH - 9 - 5	37	65	0	3	-44	0	3	0	76	No school activities during night-time
							VS - DIH - 10 - 3	37	160	90	3	-52	-5	3	0	88	No school activities during night-time
							VS - DIH - 10 - 4	37	165	90	3	-52	-5	3	0	89	No school activities during night-time
							VS - DIH - 11 - 1	37	215	180	3	-55	-10	3	0	96	No school activities during night-time
							VS - DIH - 11 - 2	37	200	0	3	-54	0	3	0	85	No school activities during night-time
							VS - DIH - 11 - 3	37	185	0	3	-53	0	3	0	85	No school activities during night-time
							VS - DIH - 11 - 4	37	205	90	3	-54	-5	3	0	91	No school activities during night-time
							VS - DIH - 26 - 5	37	245	0	3	-56	0	3	0	87	No school activities during night-time
							VS - DIH - 27 - 5	37	255	0	3	-56	0	3	0	88	No school activities during night-time
VS - DIH - 28 - 5							37	265	0	3	-56	0	3	0	88	No school activities during night-time	
VS - DIH - 29 - 5							37	270	0	3	-57	0	3	0	88	No school activities during night-time	
VS - DIH - 30 - 5							37	275	0	3	-57	0	3	0	88	No school activities during night-time	
VS - DIH - 31 - 5	37	285	0	3	-57	0	3	0	88	No school activities during night-time							
VS - DIH - 32 - 5	37	280	0	3	-57	0	3	0	88	No school activities during night-time							
					50												
DIH-10-1 (Residential Building)	Daytime	B	60	76	60	60	VS - DIH - 6 - 2	47	300	90	3	-58	-5	3	0	104	
							VS - DIH - 7 - 2	47	205	0	3	-54	0	3	0	95	
							VS - DIH - 8 - 2	47	145	0	3	-51	0	3	0	92	
							VS - DIH - 9 - 1	47	85	180	3	-47	-10	3	0	98	
							VS - DIH - 9 - 2	47	105	90	3	-48	-5	3	0	94	
							VS - DIH - 9 - 3	47	60	0	3	-44	0	3	0	85	
							VS - DIH - 9 - 4	47	95	90	3	-48	-5	3	0	94	
							VS - DIH - 9 - 5	47	70	0	3	-45	0	3	0	86	
							VS - DIH - 10 - 3	47	170	0	3	-53	0	3	0	94	
							VS - DIH - 10 - 4	47	180	90	3	-53	-5	3	0	99	
							VS - DIH - 11 - 1	47	225	90	3	-55	-5	3	0	101	
							VS - DIH - 11 - 2	47	205	0	3	-54	0	3	0	95	
							VS - DIH - 11 - 3	47	195	0	3	-54	0	3	0	95	
							VS - DIH - 11 - 4	47	210	90	3	-54	-5	3	0	100	
							VS - DIH - 26 - 5	47	250	0	3	-56	0	3	0	97	
							VS - DIH - 27 - 5	47	265	0	3	-56	0	3	0	97	
							VS - DIH - 28 - 5	47	270	0	3	-57	0	3	0	98	
							VS - DIH - 29 - 5	47	275	0	3	-57	0	3	0	98	
	VS - DIH - 30 - 5	47	280	0	3	-57	0	3	0	98							
	VS - DIH - 31 - 5	47	290	0	3	-57	0	3	0	98							
	VS - DIH - 32 - 5	47	285	0	3	-57	0	3	0	98							
						60											
	Night-time	B	50	71	50	50	VS - DIH - 6 - 2	37	300	90	3	-58	-5	3	0	94	
							VS - DIH - 7 - 2	37	205	0	3	-54	0	3	0	85	
							VS - DIH - 8 - 2	37	145	0	3	-51	0	3	0	82	
							VS - DIH - 9 - 1	37	85	180	3	-47	-10	3	0	88	
							VS - DIH - 9 - 2	37	105	90	3	-48	-5	3	0	84	
							VS - DIH - 9 - 3	37	60	0	3	-44	0	3	0	75	
							VS - DIH - 9 - 4	37	95	90	3	-48	-5	3	0	84	
							VS - DIH - 9 - 5	37	70	0	3	-45	0	3	0	76	
							VS - DIH - 10 - 3	37	170	0	3	-53	0	3	0	84	
							VS - DIH - 10 - 4	37	180	90	3	-53	-5	3	0	89	
							VS - DIH - 11 - 1	37	225	90	3	-55	-5	3	0	91	
							VS - DIH - 11 - 2	37	205	0	3	-54	0	3	0	85	
							VS - DIH - 11 - 3	37	195	0	3	-54	0	3	0	85	
							VS - DIH - 11 - 4	37	210	90	3	-54	-5	3	0	90	
VS - DIH - 26 - 5							37	250	0	3	-56	0	3	0	87		
VS - DIH - 27 - 5							37	265	0	3	-56	0	3	0	87		
VS - DIH - 28 - 5							37	270	0	3	-57	0	3	0	88		
VS - DIH - 29 - 5							37	275	0	3	-57	0	3	0	88		
VS - DIH - 30 - 5	37	280	0	3	-57	0	3	0	88								
VS - DIH - 31 - 5	37	290	0	3	-57	0	3	0	88								
VS - DIH - 32 - 5	37	285	0	3	-57	0	3	0	88								
					50												

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 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation			Corrections, dB(A)				Permissible SWL, dB(A)	Remarks					
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int							
DIH-14-4 (Education Building) Daytime	C	65	72	65	VS - DIH - 1 - 2	49	120	0	3	-50	0	3	0	93						
					VS - DIH - 2 - 2	49	130	0	3	-50	0	3	0	93						
					VS - DIH - 3 - 2	49	145	0	3	-51	0	3	0	94						
					VS - DIH - 4 - 2	49	160	0	3	-52	0	3	0	95						
					VS - DIH - 5 - 2	49	175	0	3	-53	0	3	0	96						
					VS - DIH - 6 - 2	49	215	0	3	-55	0	3	0	98						
					VS - DIH - 33 - 1	49	215	0	3	-55	0	3	0	98						
					VS - DIH - 33 - 2	49	220	0	3	-55	0	3	0	98						
					VS - DIH - 33 - 3	49	230	90	3	-55	-5	3	0	103						
					VS - DIH - 33 - 4	49	225	180	3	-55	-10	3	0	108						
					VS - DIH - 34 - 5	49	225	0	3	-55	0	3	0	98						
					VS - DIH - 35 - 5	49	225	0	3	-55	0	3	0	98						
					VS - DIH - 36 - 1	49	215	0	3	-55	0	3	0	98						
					VS - DIH - 36 - 2	49	215	0	3	-55	0	3	0	98						
					VS - DIH - 36 - 3	49	220	90	3	-55	-5	3	0	103						
					VS - DIH - 36 - 4	49	220	180	3	-55	-10	3	0	108						
					VS - DIH - 37 - 1	49	210	0	3	-54	0	3	0	97						
					VS - DIH - 37 - 2	49	210	0	3	-54	0	3	0	97						
					VS - DIH - 37 - 3	49	215	90	3	-55	-5	3	0	103						
					VS - DIH - 37 - 4	49	215	180	3	-55	-10	3	0	108						
					VS - DIH - 38 - 1	49	205	0	3	-54	0	3	0	97						
					VS - DIH - 38 - 2	49	205	0	3	-54	0	3	0	97						
					VS - DIH - 38 - 3	49	205	90	3	-54	-5	3	0	102						
					VS - DIH - 38 - 4	49	205	180	3	-54	-10	3	0	107						
					VS - DIH - 39 - 1	49	195	0	3	-54	0	3	0	97						
					VS - DIH - 39 - 2	49	195	0	3	-54	0	3	0	97						
					VS - DIH - 39 - 3	49	200	90	3	-54	-5	3	0	102						
					VS - DIH - 39 - 4	49	200	180	3	-54	-10	3	0	107						
					VS - DIH - 40 - 1	49	190	0	3	-54	0	3	0	97						
					VS - DIH - 40 - 2	49	185	0	3	-53	0	3	0	96						
					VS - DIH - 40 - 3	49	190	90	3	-54	-5	3	0	102						
					VS - DIH - 40 - 4	49	190	180	3	-54	-10	3	0	107						
					VS - DIH - 41 - 1	49	245	0	3	-56	0	3	0	99						
					VS - DIH - 41 - 2	49	235	0	3	-55	0	3	0	98						
					VS - DIH - 41 - 3	49	250	90	3	-56	-5	3	0	104						
					VS - DIH - 41 - 4	49	250	90	3	-56	-5	3	0	104						
					VS - DIH - 41 - 5	49	245	0	3	-56	0	3	0	99						
					VS - DIH - 42 - 1	49	125	90	3	-50	-5	3	0	98						
					VS - DIH - 42 - 2	49	120	0	3	-50	0	3	0	93						
					VS - DIH - 42 - 3	49	135	90	3	-51	-5	3	0	99						
					VS - DIH - 42 - 4	49	135	180	3	-51	-10	3	0	104						
					VS - DIH - 42 - 5	49	125	0	3	-50	0	3	0	93						
										65										
					Night-time	C	55	63	55	VS - DIH - 1 - 2	39	120	0	3	-50	0	3	0	83	No school activities during night-time
										VS - DIH - 2 - 2	39	130	0	3	-50	0	3	0	83	No school activities during night-time
VS - DIH - 3 - 2	39	145	0	3						-51	0	3	0	84	No school activities during night-time					
VS - DIH - 4 - 2	39	160	0	3						-52	0	3	0	85	No school activities during night-time					
VS - DIH - 5 - 2	39	175	0	3						-53	0	3	0	86	No school activities during night-time					
VS - DIH - 6 - 2	39	215	0	3						-55	0	3	0	88	No school activities during night-time					
VS - DIH - 33 - 1	39	215	0	3						-55	0	3	0	88	No school activities during night-time					
VS - DIH - 33 - 2	39	220	0	3						-55	0	3	0	88	No school activities during night-time					
VS - DIH - 33 - 3	39	230	90	3						-55	-5	3	0	93	No school activities during night-time					
VS - DIH - 33 - 4	39	225	180	3						-55	-10	3	0	98	No school activities during night-time					
VS - DIH - 34 - 5	39	225	0	3						-55	0	3	0	88	No school activities during night-time					
VS - DIH - 35 - 5	39	225	0	3						-55	0	3	0	88	No school activities during night-time					
VS - DIH - 36 - 1	39	215	0	3						-55	0	3	0	88	No school activities during night-time					
VS - DIH - 36 - 2	39	215	0	3						-55	0	3	0	88	No school activities during night-time					
VS - DIH - 36 - 3	39	220	90	3						-55	-5	3	0	93	No school activities during night-time					
VS - DIH - 36 - 4	39	220	180	3						-55	-10	3	0	98	No school activities during night-time					
VS - DIH - 37 - 1	39	210	0	3						-54	0	3	0	87	No school activities during night-time					
VS - DIH - 37 - 2	39	210	0	3						-54	0	3	0	87	No school activities during night-time					
VS - DIH - 37 - 3	39	215	90	3						-55	-5	3	0	93	No school activities during night-time					
VS - DIH - 37 - 4	39	215	180	3						-55	-10	3	0	98	No school activities during night-time					
VS - DIH - 38 - 1	39	205	0	3						-54	0	3	0	87	No school activities during night-time					
VS - DIH - 38 - 2	39	205	0	3						-54	0	3	0	87	No school activities during night-time					
VS - DIH - 38 - 3	39	205	90	3						-54	-5	3	0	92	No school activities during night-time					
VS - DIH - 38 - 4	39	205	180	3						-54	-10	3	0	97	No school activities during night-time					
VS - DIH - 39 - 1	39	195	0	3						-54	0	3	0	87	No school activities during night-time					
VS - DIH - 39 - 2	39	195	0	3						-54	0	3	0	87	No school activities during night-time					
VS - DIH - 39 - 3	39	200	90	3						-54	-5	3	0	92	No school activities during night-time					
VS - DIH - 39 - 4	39	200	180	3						-54	-10	3	0	97	No school activities during night-time					
VS - DIH - 40 - 1	39	190	0	3						-54	0	3	0	87	No school activities during night-time					
VS - DIH - 40 - 2	39	185	0	3						-53	0	3	0	86	No school activities during night-time					
VS - DIH - 40 - 3	39	190	90	3						-54	-5	3	0	92	No school activities during night-time					
VS - DIH - 40 - 4	39	190	180	3						-54	-10	3	0	97	No school activities during night-time					
VS - DIH - 41 - 1	39	245	0	3						-56	0	3	0	89	No school activities during night-time					
VS - DIH - 41 - 2	39	235	0	3						-55	0	3	0	88	No school activities during night-time					
VS - DIH - 41 - 3	39	250	90	3						-56	-5	3	0	94	No school activities during night-time					
VS - DIH - 41 - 4	39	250	90	3						-56	-5	3	0	94	No school activities during night-time					
VS - DIH - 41 - 5	39	245	0	3						-56	0	3	0	89	No school activities during night-time					
VS - DIH - 42 - 1	39	125	90	3						-50	-5	3	0	88	No school activities during night-time					
VS - DIH - 42 - 2	39	120	0	3						-50	0	3	0	83	No school activities during night-time					
VS - DIH - 42 - 3	39	135	90	3						-51	-5	3	0	89	No school activities during night-time					
VS - DIH - 42 - 4	39	135	180	3						-51	-10	3	0	94	No school activities during night-time					
VS - DIH - 42 - 5	39	125	0	3						-50	0	3	0	83	No school activities during night-time					
										55										

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation			Corrections, dB(A)				Permissible SWL, dB(A)	Remarks					
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int							
DIH-14-5 (Residential Building) Daytime	C	65	72	65	VS - DIH - 1 - 2	49	125	0	3	-50	0	3	0	93						
					VS - DIH - 2 - 2	49	150	0	3	-52	0	3	0	95						
					VS - DIH - 3 - 2	49	170	0	3	-53	0	3	0	96						
					VS - DIH - 4 - 2	49	200	0	3	-54	0	3	0	97						
					VS - DIH - 5 - 2	49	225	0	3	-55	0	3	0	98						
					VS - DIH - 6 - 2	49	270	90	3	-57	-5	3	0	105						
					VS - DIH - 33 - 1	49	225	0	3	-55	0	3	0	98						
					VS - DIH - 33 - 2	49	235	0	3	-55	0	3	0	98						
					VS - DIH - 33 - 3	49	245	90	3	-56	-5	3	0	104						
					VS - DIH - 33 - 4	49	235	90	3	-55	-5	3	0	103						
					VS - DIH - 34 - 5	49	225	0	3	-55	0	3	0	98						
					VS - DIH - 35 - 5	49	225	0	3	-55	0	3	0	98						
					VS - DIH - 36 - 1	49	210	0	3	-54	0	3	0	97						
					VS - DIH - 36 - 2	49	215	0	3	-55	0	3	0	98						
					VS - DIH - 36 - 3	49	215	180	3	-55	-10	3	0	106						
					VS - DIH - 36 - 4	49	215	90	3	-55	-5	3	0	103						
					VS - DIH - 37 - 1	49	210	0	3	-54	0	3	0	97						
					VS - DIH - 37 - 2	49	210	0	3	-54	0	3	0	97						
					VS - DIH - 37 - 3	49	215	180	3	-55	-10	3	0	106						
					VS - DIH - 37 - 4	49	210	90	3	-54	-5	3	0	102						
					VS - DIH - 38 - 1	49	200	0	3	-54	0	3	0	97						
					VS - DIH - 38 - 2	49	200	0	3	-54	0	3	0	97						
					VS - DIH - 38 - 3	49	205	180	3	-54	-10	3	0	107						
					VS - DIH - 38 - 4	49	200	90	3	-54	-5	3	0	102						
					VS - DIH - 39 - 1	49	180	0	3	-53	0	3	0	96						
					VS - DIH - 39 - 2	49	180	0	3	-53	0	3	0	96						
					VS - DIH - 39 - 3	49	185	180	3	-53	-10	3	0	106						
					VS - DIH - 39 - 4	49	185	90	3	-53	-5	3	0	101						
					VS - DIH - 40 - 1	49	170	0	3	-53	0	3	0	96						
					VS - DIH - 40 - 2	49	170	0	3	-53	0	3	0	96						
					VS - DIH - 40 - 3	49	175	180	3	-53	-10	3	0	106						
					VS - DIH - 40 - 4	49	175	90	3	-53	-5	3	0	101						
					VS - DIH - 41 - 1	49	225	0	3	-55	0	3	0	98						
					VS - DIH - 41 - 2	49	225	0	3	-55	0	3	0	98						
					VS - DIH - 41 - 3	49	245	90	3	-56	-5	3	0	104						
					VS - DIH - 41 - 4	49	240	90	3	-56	-5	3	0	104						
					VS - DIH - 41 - 5	49	235	0	3	-55	0	3	0	98						
					VS - DIH - 42 - 1	49	55	0	3	-43	0	3	0	86						
					VS - DIH - 42 - 2	49	80	0	3	-46	0	3	0	89						
					VS - DIH - 42 - 3	49	115	90	3	-49	-5	3	0	97						
					VS - DIH - 42 - 4	49	90	90	3	-47	-5	3	0	95						
					VS - DIH - 42 - 5	49	85	0	3	-47	0	3	0	90						
										65										
					Night-time	C	55	63	55	VS - DIH - 1 - 2	39	125	0	3	-50	0	3	0	83	
										VS - DIH - 2 - 2	39	150	0	3	-52	0	3	0	85	
VS - DIH - 3 - 2	39	170	0	3						-53	0	3	0	86						
VS - DIH - 4 - 2	39	200	0	3						-54	0	3	0	87						
VS - DIH - 5 - 2	39	225	0	3						-55	0	3	0	88						
VS - DIH - 6 - 2	39	270	90	3						-57	-5	3	0	95						
VS - DIH - 33 - 1	39	225	0	3						-55	0	3	0	88						
VS - DIH - 33 - 2	39	235	0	3						-55	0	3	0	88						
VS - DIH - 33 - 3	39	245	90	3						-56	-5	3	0	94						
VS - DIH - 33 - 4	39	235	90	3						-55	-5	3	0	93						
VS - DIH - 34 - 5	39	225	0	3						-55	0	3	0	88						
VS - DIH - 35 - 5	39	225	0	3						-55	0	3	0	88						
VS - DIH - 36 - 1	39	210	0	3						-54	0	3	0	87						
VS - DIH - 36 - 2	39	215	0	3						-55	0	3	0	88						
VS - DIH - 36 - 3	39	215	180	3						-55	-10	3	0	98						
VS - DIH - 36 - 4	39	215	90	3						-55	-5	3	0	93						
VS - DIH - 37 - 1	39	210	0	3						-54	0	3	0	87						
VS - DIH - 37 - 2	39	210	0	3						-54	0	3	0	87						
VS - DIH - 37 - 3	39	215	180	3						-55	-10	3	0	98						
VS - DIH - 37 - 4	39	210	90	3						-54	-5	3	0	92						
VS - DIH - 38 - 1	39	200	0	3						-54	0	3	0	87						
VS - DIH - 38 - 2	39	200	0	3						-54	0	3	0	87						
VS - DIH - 38 - 3	39	205	180	3						-54	-10	3	0	97						
VS - DIH - 38 - 4	39	200	90	3						-54	-5	3	0	92						
VS - DIH - 39 - 1	39	180	0	3						-53	0	3	0	86						
VS - DIH - 39 - 2	39	180	0	3						-53	0	3	0	86						
VS - DIH - 39 - 3	39	185	180	3						-53	-10	3	0	96						
VS - DIH - 39 - 4	39	185	90	3						-53	-5	3	0	91						
VS - DIH - 40 - 1	39	170	0	3						-53	0	3	0	86						
VS - DIH - 40 - 2	39	170	0	3						-53	0	3	0	86						
VS - DIH - 40 - 3	39	175	180	3						-53	-10	3	0	96						
VS - DIH - 40 - 4	39	175	90	3						-53	-5	3	0	91						
VS - DIH - 41 - 1	39	225	0	3						-55	0	3	0	88						
VS - DIH - 41 - 2	39	225	0	3						-55	0	3	0	88						
VS - DIH - 41 - 3	39	245	90	3						-56	-5	3	0	94						
VS - DIH - 41 - 4	39	240	90	3						-56	-5	3	0	94						
VS - DIH - 41 - 5	39	235	0	3						-55	0	3	0	88						
VS - DIH - 42 - 1	39	55	0	3						-43	0	3	0	76						
VS - DIH - 42 - 2	39	80	0	3						-46	0	3	0	79						
VS - DIH - 42 - 3	39	115	90	3						-49	-5	3	0	87						
VS - DIH - 42 - 4	39	90	90	3						-47	-5	3	0	85						
VS - DIH - 42 - 5	39	85	0	3						-47	0	3	0	80						
										55										

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation			Corrections, dB(A)				Permissible SWL, dB(A)	Remarks
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int		
DIH-P2-1 1 (Planned NSR) Daytime	C	65	72	65	VS - DIH - 1 - 2	43	30	180	3	-38	-10	3	0	85	
					VS - DIH - 2 - 2	43	50	180	3	-42	-10	3	0	89	
					VS - DIH - 3 - 2	43	75	180	3	-46	-10	3	0	93	
					VS - DIH - 4 - 2	43	105	180	3	-48	-10	3	0	95	
					VS - DIH - 5 - 2	43	130	180	3	-50	-10	3	0	97	
					VS - DIH - 6 - 2	43	175	180	3	-53	-10	3	0	100	
					VS - DIH - 7 - 2	43	265	180	3	-56	-10	3	0	103	
					VS - DIH - 11 - 1	43	295	180	3	-57	-10	3	0	104	
					VS - DIH - 26 - 5	43	270	0	3	-57	0	3	0	94	
					VS - DIH - 27 - 5	43	260	0	3	-56	0	3	0	93	
					VS - DIH - 28 - 5	43	245	0	3	-56	0	3	0	93	
					VS - DIH - 29 - 5	43	250	0	3	-56	0	3	0	93	
					VS - DIH - 30 - 5	43	245	0	3	-56	0	3	0	93	
					VS - DIH - 31 - 5	43	235	0	3	-55	0	3	0	92	
					VS - DIH - 32 - 5	43	230	0	3	-55	0	3	0	92	
					VS - DIH - 33 - 1	43	110	0	3	-49	0	3	0	86	
					VS - DIH - 33 - 2	43	115	0	3	-49	0	3	0	86	
					VS - DIH - 33 - 3	43	125	90	3	-50	-5	3	0	92	
					VS - DIH - 33 - 4	43	120	90	3	-50	-5	3	0	92	
					VS - DIH - 34 - 5	43	105	0	3	-48	0	3	0	85	
					VS - DIH - 35 - 5	43	105	0	3	-48	0	3	0	85	
					VS - DIH - 36 - 1	43	95	0	3	-48	0	3	0	85	
					VS - DIH - 36 - 2	43	95	0	3	-48	0	3	0	85	
					VS - DIH - 36 - 3	43	100	90	3	-48	-5	3	0	90	
					VS - DIH - 36 - 4	43	100	90	3	-48	-5	3	0	90	
					VS - DIH - 37 - 1	43	90	0	3	-47	0	3	0	84	
					VS - DIH - 37 - 2	43	90	0	3	-47	0	3	0	84	
					VS - DIH - 37 - 3	43	95	90	3	-48	-5	3	0	90	
					VS - DIH - 37 - 4	43	95	90	3	-48	-5	3	0	90	
					VS - DIH - 38 - 1	43	80	0	3	-46	0	3	0	83	
					VS - DIH - 38 - 2	43	80	0	3	-46	0	3	0	83	
					VS - DIH - 38 - 3	43	85	90	3	-47	-5	3	0	89	
					VS - DIH - 38 - 4	43	85	90	3	-47	-5	3	0	89	
					VS - DIH - 39 - 1	43	65	0	3	-44	0	3	0	81	
					VS - DIH - 39 - 2	43	65	0	3	-44	0	3	0	81	
					VS - DIH - 39 - 3	43	65	90	3	-44	-5	3	0	86	
					VS - DIH - 39 - 4	43	65	90	3	-44	-5	3	0	86	
					VS - DIH - 40 - 1	43	55	0	3	-43	0	3	0	80	
					VS - DIH - 40 - 2	43	55	0	3	-43	0	3	0	80	
					VS - DIH - 40 - 3	43	55	90	3	-43	-5	3	0	85	
					VS - DIH - 40 - 4	43	60	90	3	-44	-5	3	0	86	
					VS - DIH - 41 - 1	53	10	0	3	-28	0	3	0	75	
					VS - DIH - 41 - 2	43	110	0	3	-49	0	3	0	86	
					VS - DIH - 41 - 3	43	125	90	3	-50	-5	3	0	92	
					VS - DIH - 41 - 4	43	125	90	3	-50	-5	3	0	92	
					VS - DIH - 41 - 5	43	115	0	3	-49	0	3	0	86	
					VS - DIH - 42 - 1	43	75	180	3	-46	-10	3	0	93	
					VS - DIH - 42 - 2	43	40	90	3	-40	-5	3	0	82	
					VS - DIH - 42 - 3	63	5	0	3	-22	0	3	0	79	
					VS - DIH - 42 - 4	43	45	90	3	-41	-5	3	0	83	
VS - DIH - 42 - 5	43	40	0	3	-40	0	3	0	77						
					65										

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks					
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int				
Night-time	C	55	63	55	VS - DIH - 1 - 2	33	30	180	3	-38	-10	3	0	75					
					VS - DIH - 2 - 2	33	50	180	3	-42	-10	3	0	79					
					VS - DIH - 3 - 2	33	75	180	3	-46	-10	3	0	83					
					VS - DIH - 4 - 2	33	105	180	3	-48	-10	3	0	85					
					VS - DIH - 5 - 2	33	130	180	3	-50	-10	3	0	87					
					VS - DIH - 6 - 2	33	175	180	3	-53	-10	3	0	90					
					VS - DIH - 7 - 2	33	265	180	3	-56	-10	3	0	93					
					VS - DIH - 11 - 1	33	295	180	3	-57	-10	3	0	94					
					VS - DIH - 26 - 5	33	270	0	3	-57	0	3	0	84					
					VS - DIH - 27 - 5	33	260	0	3	-56	0	3	0	83					
					VS - DIH - 28 - 5	33	245	0	3	-56	0	3	0	83					
					VS - DIH - 29 - 5	33	250	0	3	-56	0	3	0	83					
					VS - DIH - 30 - 5	33	245	0	3	-56	0	3	0	83					
					VS - DIH - 31 - 5	33	235	0	3	-55	0	3	0	82					
					VS - DIH - 32 - 5	33	230	0	3	-55	0	3	0	82					
					VS - DIH - 33 - 1	33	110	0	3	-49	0	3	0	76					
					VS - DIH - 33 - 2	33	115	0	3	-49	0	3	0	76					
					VS - DIH - 33 - 3	33	125	90	3	-50	-5	3	0	82					
					VS - DIH - 33 - 4	33	120	90	3	-50	-5	3	0	82					
					VS - DIH - 34 - 5	33	105	0	3	-48	0	3	0	75					
					VS - DIH - 35 - 5	33	105	0	3	-48	0	3	0	75					
					VS - DIH - 36 - 1	33	95	0	3	-48	0	3	0	75					
					VS - DIH - 36 - 2	33	95	0	3	-48	0	3	0	75					
					VS - DIH - 36 - 3	33	100	90	3	-48	-5	3	0	80					
					VS - DIH - 36 - 4	33	100	90	3	-48	-5	3	0	80					
					VS - DIH - 37 - 1	33	90	0	3	-47	0	3	0	74					
					VS - DIH - 37 - 2	33	90	0	3	-47	0	3	0	74					
					VS - DIH - 37 - 3	33	95	90	3	-48	-5	3	0	80					
					VS - DIH - 37 - 4	33	95	90	3	-48	-5	3	0	80					
					VS - DIH - 38 - 1	33	80	0	3	-46	0	3	0	73					
					VS - DIH - 38 - 2	33	80	0	3	-46	0	3	0	73					
					VS - DIH - 38 - 3	33	85	90	3	-47	-5	3	0	79					
					VS - DIH - 38 - 4	33	85	90	3	-47	-5	3	0	79					
					VS - DIH - 39 - 1	33	65	0	3	-44	0	3	0	71					
					VS - DIH - 39 - 2	33	65	0	3	-44	0	3	0	71					
					VS - DIH - 39 - 3	33	65	90	3	-44	-5	3	0	76					
					VS - DIH - 39 - 4	33	65	90	3	-44	-5	3	0	76					
					VS - DIH - 40 - 1	33	55	0	3	-43	0	3	0	70					
					VS - DIH - 40 - 2	33	55	0	3	-43	0	3	0	70					
					VS - DIH - 40 - 3	33	55	90	3	-43	-5	3	0	75					
					VS - DIH - 40 - 4	33	60	90	3	-44	-5	3	0	76					
					VS - DIH - 41 - 1	43	10	0	3	-28	0	3	0	65					
					VS - DIH - 41 - 2	33	110	0	3	-49	0	3	0	76					
					VS - DIH - 41 - 3	33	125	90	3	-50	-5	3	0	82					
					VS - DIH - 41 - 4	33	125	90	3	-50	-5	3	0	82					
					VS - DIH - 41 - 5	33	115	0	3	-49	0	3	0	76					
					VS - DIH - 42 - 1	33	75	180	3	-46	-10	3	0	83					
					VS - DIH - 42 - 2	33	40	90	3	-40	-5	3	0	72					
					VS - DIH - 42 - 3	53	5	0	3	-22	0	3	0	69					
					VS - DIH - 42 - 4	33	45	90	3	-41	-5	3	0	73					
					VS - DIH - 42 - 5	33	40	0	3	-40	0	3	0	67					
										55									

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
DIH-P2-12 (Planned NSR) Daytime	C	65	72	65	VS - DIH - 1 - 2	58	11	180	3	-29	-10	3	0	90	
					VS - DIH - 2 - 2	48	32	180	3	-38	-10	3	0	90	
					VS - DIH - 3 - 2	48	55	90	3	-43	-5	3	0	89	
					VS - DIH - 4 - 2	48	85	90	3	-47	-5	3	0	93	
					VS - DIH - 5 - 2	48	110	90	3	-49	-5	3	0	95	
					VS - DIH - 6 - 2	48	155	90	3	-52	-5	3	0	98	
					VS - DIH - 7 - 2	48	250	90	3	-56	-5	3	0	102	
					VS - DIH - 11 - 1	48	280	0	3	-57	0	3	0	98	
					VS - DIH - 11 - 2	48	300	0	3	-58	0	3	0	99	
					VS - DIH - 11 - 3	48	300	90	3	-58	-5	3	0	104	
					VS - DIH - 11 - 4	48	300	90	3	-58	-5	3	0	104	
					VS - DIH - 26 - 5	48	255	0	3	-56	0	3	0	98	
					VS - DIH - 27 - 5	48	245	0	3	-56	0	3	0	97	
					VS - DIH - 28 - 5	48	235	0	3	-55	0	3	0	97	
					VS - DIH - 29 - 5	48	240	0	3	-56	0	3	0	97	
					VS - DIH - 30 - 5	48	230	0	3	-55	0	3	0	97	
					VS - DIH - 31 - 5	48	220	0	3	-55	0	3	0	96	
					VS - DIH - 32 - 5	48	215	0	3	-55	0	3	0	96	
					VS - DIH - 33 - 1	48	95	0	3	-48	0	3	0	89	
					VS - DIH - 33 - 2	48	105	0	3	-48	0	3	0	90	
					VS - DIH - 33 - 3	48	115	90	3	-49	-5	3	0	96	
					VS - DIH - 33 - 4	48	105	90	3	-48	-5	3	0	95	
					VS - DIH - 34 - 5	48	100	0	3	-48	0	3	0	90	
					VS - DIH - 35 - 5	48	95	0	3	-48	0	3	0	89	
					VS - DIH - 36 - 1	48	90	90	3	-47	-5	3	0	94	
					VS - DIH - 36 - 2	48	90	90	3	-47	-5	3	0	94	
					VS - DIH - 36 - 3	48	90	90	3	-47	-5	3	0	94	
					VS - DIH - 36 - 4	48	90	180	3	-47	-10	3	0	99	
					VS - DIH - 37 - 1	48	85	90	3	-47	-5	3	0	93	
					VS - DIH - 37 - 2	48	85	90	3	-47	-5	3	0	93	
					VS - DIH - 37 - 3	48	90	90	3	-47	-5	3	0	94	
					VS - DIH - 37 - 4	48	85	180	3	-47	-10	3	0	98	
					VS - DIH - 38 - 1	48	75	90	3	-46	-5	3	0	92	
					VS - DIH - 38 - 2	48	75	90	3	-46	-5	3	0	92	
					VS - DIH - 38 - 3	48	80	90	3	-46	-5	3	0	93	
					VS - DIH - 38 - 4	48	80	180	3	-46	-10	3	0	98	
					VS - DIH - 39 - 1	48	65	90	3	-44	-5	3	0	91	
					VS - DIH - 39 - 2	48	65	90	3	-44	-5	3	0	91	
					VS - DIH - 39 - 3	48	65	90	3	-44	-5	3	0	91	
					VS - DIH - 39 - 4	48	70	180	3	-45	-10	3	0	96	
					VS - DIH - 40 - 1	48	55	90	3	-43	-5	3	0	89	
					VS - DIH - 40 - 2	48	55	90	3	-43	-5	3	0	89	
					VS - DIH - 40 - 3	48	60	90	3	-44	-5	3	0	90	
					VS - DIH - 40 - 4	48	60	180	3	-44	-10	3	0	95	
					VS - DIH - 41 - 1	48	105	0	3	-48	0	3	0	90	
					VS - DIH - 41 - 2	48	105	0	3	-48	0	3	0	90	
					VS - DIH - 41 - 3	48	120	90	3	-50	-5	3	0	96	
					VS - DIH - 41 - 4	48	125	90	3	-50	-5	3	0	96	
					VS - DIH - 41 - 5	48	115	0	3	-49	0	3	0	91	
					VS - DIH - 42 - 1	48	90	90	3	-47	-5	3	0	94	
VS - DIH - 42 - 2	48	55	90	3	-43	-5	3	0	89						
VS - DIH - 42 - 3	48	25	0	3	-36	0	3	0	77						
VS - DIH - 42 - 4	48	60	90	3	-44	-5	3	0	90						
VS - DIH - 42 - 5	48	55	0	3	-43	0	3	0	84						
					65										

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
Night-time	C	55	63	55	VS - DIH - 1 - 2	48	11	180	3	-29	-10	3	0	80	
					VS - DIH - 2 - 2	38	32	180	3	-38	-10	3	0	80	
					VS - DIH - 3 - 2	38	55	90	3	-43	-5	3	0	79	
					VS - DIH - 4 - 2	38	85	90	3	-47	-5	3	0	83	
					VS - DIH - 5 - 2	38	110	90	3	-49	-5	3	0	85	
					VS - DIH - 6 - 2	38	155	90	3	-52	-5	3	0	88	
					VS - DIH - 7 - 2	38	250	90	3	-56	-5	3	0	92	
					VS - DIH - 11 - 1	38	280	0	3	-57	0	3	0	88	
					VS - DIH - 11 - 2	38	300	0	3	-58	0	3	0	89	
					VS - DIH - 11 - 3	38	300	90	3	-58	-5	3	0	94	
					VS - DIH - 11 - 4	38	300	90	3	-58	-5	3	0	94	
					VS - DIH - 26 - 5	38	255	0	3	-56	0	3	0	88	
					VS - DIH - 27 - 5	38	245	0	3	-56	0	3	0	87	
					VS - DIH - 28 - 5	38	235	0	3	-55	0	3	0	87	
					VS - DIH - 29 - 5	38	240	0	3	-56	0	3	0	87	
					VS - DIH - 30 - 5	38	230	0	3	-55	0	3	0	87	
					VS - DIH - 31 - 5	38	220	0	3	-55	0	3	0	86	
					VS - DIH - 32 - 5	38	215	0	3	-55	0	3	0	86	
					VS - DIH - 33 - 1	38	95	0	3	-48	0	3	0	79	
					VS - DIH - 33 - 2	38	105	0	3	-48	0	3	0	80	
					VS - DIH - 33 - 3	38	115	90	3	-49	-5	3	0	86	
					VS - DIH - 33 - 4	38	105	90	3	-48	-5	3	0	85	
					VS - DIH - 34 - 5	38	100	0	3	-48	0	3	0	80	
					VS - DIH - 35 - 5	38	95	0	3	-48	0	3	0	79	
					VS - DIH - 36 - 1	38	90	90	3	-47	-5	3	0	84	
					VS - DIH - 36 - 2	38	90	90	3	-47	-5	3	0	84	
					VS - DIH - 36 - 3	38	90	90	3	-47	-5	3	0	84	
					VS - DIH - 36 - 4	38	90	180	3	-47	-10	3	0	89	
					VS - DIH - 37 - 1	38	85	90	3	-47	-5	3	0	83	
					VS - DIH - 37 - 2	38	85	90	3	-47	-5	3	0	83	
					VS - DIH - 37 - 3	38	90	90	3	-47	-5	3	0	84	
					VS - DIH - 37 - 4	38	85	180	3	-47	-10	3	0	88	
					VS - DIH - 38 - 1	38	75	90	3	-46	-5	3	0	82	
					VS - DIH - 38 - 2	38	75	90	3	-46	-5	3	0	82	
					VS - DIH - 38 - 3	38	80	90	3	-46	-5	3	0	83	
					VS - DIH - 38 - 4	38	80	180	3	-46	-10	3	0	88	
					VS - DIH - 39 - 1	38	65	90	3	-44	-5	3	0	81	
					VS - DIH - 39 - 2	38	65	90	3	-44	-5	3	0	81	
					VS - DIH - 39 - 3	38	65	90	3	-44	-5	3	0	81	
					VS - DIH - 39 - 4	38	70	180	3	-45	-10	3	0	86	
					VS - DIH - 40 - 1	38	55	90	3	-43	-5	3	0	79	
					VS - DIH - 40 - 2	38	55	90	3	-43	-5	3	0	79	
					VS - DIH - 40 - 3	38	60	90	3	-44	-5	3	0	80	
					VS - DIH - 40 - 4	38	60	180	3	-44	-10	3	0	85	
					VS - DIH - 41 - 1	38	105	0	3	-48	0	3	0	80	
					VS - DIH - 41 - 2	38	105	0	3	-48	0	3	0	80	
					VS - DIH - 41 - 3	38	120	90	3	-50	-5	3	0	86	
					VS - DIH - 41 - 4	38	125	90	3	-50	-5	3	0	86	
					VS - DIH - 41 - 5	38	115	0	3	-49	0	3	0	81	
					VS - DIH - 42 - 1	38	90	90	3	-47	-5	3	0	84	
VS - DIH - 42 - 2	38	55	90	3	-43	-5	3	0	79						
VS - DIH - 42 - 3	38	25	0	3	-36	0	3	0	67						
VS - DIH - 42 - 4	38	60	90	3	-44	-5	3	0	80						
VS - DIH - 42 - 5	38	55	0	3	-43	0	3	0	74						
					55										

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation			Corrections, dB(A)				Permissible SWL, dB(A)	Remarks
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int		
DIH-P2-13 (Planned NSR) Daytime	C	65	72	65	VS - DIH - 1 - 2	47	150	90	3	-52	-5	3	0	98	
					VS - DIH - 2 - 2	47	120	90	3	-50	-5	3	0	96	
					VS - DIH - 3 - 2	47	100	90	3	-48	-5	3	0	94	
					VS - DIH - 4 - 2	47	75	90	3	-46	-5	3	0	92	
					VS - DIH - 5 - 2	47	45	90	3	-41	-5	3	0	87	
					VS - DIH - 6 - 2	57	10	90	3	-28	-5	3	0	84	
					VS - DIH - 7 - 2	47	100	90	3	-48	-5	3	0	94	
					VS - DIH - 8 - 2	47	160	90	3	-52	-5	3	0	98	
					VS - DIH - 9 - 1	47	235	0	3	-55	0	3	0	96	
					VS - DIH - 9 - 2	47	225	0	3	-55	0	3	0	96	
					VS - DIH - 9 - 3	47	255	90	3	-56	-5	3	0	102	
					VS - DIH - 9 - 4	47	240	90	3	-56	-5	3	0	102	
					VS - DIH - 9 - 5	47	245	0	3	-56	0	3	0	97	
					VS - DIH - 10 - 3	47	200	90	3	-54	-5	3	0	100	
					VS - DIH - 10 - 4	47	200	90	3	-54	-5	3	0	100	
					VS - DIH - 11 - 1	47	150	0	3	-52	0	3	0	93	
					VS - DIH - 11 - 2	47	165	0	3	-52	0	3	0	93	
					VS - DIH - 11 - 3	47	190	90	3	-54	-5	3	0	100	
					VS - DIH - 11 - 4	47	170	90	3	-53	-5	3	0	99	
					VS - DIH - 26 - 5	47	140	0	3	-51	0	3	0	92	
					VS - DIH - 27 - 5	47	135	0	3	-51	0	3	0	92	
					VS - DIH - 28 - 5	47	125	0	3	-50	0	3	0	91	
					VS - DIH - 29 - 5	47	135	0	3	-51	0	3	0	92	
					VS - DIH - 30 - 5	47	130	0	3	-50	0	3	0	91	
					VS - DIH - 31 - 5	47	120	0	3	-50	0	3	0	91	
					VS - DIH - 32 - 5	47	115	0	3	-49	0	3	0	90	
					VS - DIH - 33 - 1	47	95	90	3	-48	-5	3	0	94	
					VS - DIH - 33 - 2	47	90	0	3	-47	0	3	0	88	
					VS - DIH - 33 - 3	47	85	0	3	-47	0	3	0	88	
					VS - DIH - 33 - 4	47	95	180	3	-48	-10	3	0	99	
					VS - DIH - 34 - 5	47	120	0	3	-50	0	3	0	91	
					VS - DIH - 35 - 5	47	120	0	3	-50	0	3	0	91	
					VS - DIH - 36 - 1	47	90	90	3	-47	-5	3	0	93	
					VS - DIH - 36 - 2	47	90	90	3	-47	-5	3	0	93	
					VS - DIH - 36 - 3	47	90	90	3	-47	-5	3	0	93	
					VS - DIH - 36 - 4	47	90	180	3	-47	-10	3	0	98	
					VS - DIH - 37 - 1	47	85	90	3	-47	-5	3	0	93	
					VS - DIH - 37 - 2	47	85	90	3	-47	-5	3	0	93	
					VS - DIH - 37 - 3	47	90	90	3	-47	-5	3	0	93	
					VS - DIH - 37 - 4	47	85	180	3	-47	-10	3	0	98	
					VS - DIH - 38 - 1	47	75	90	3	-46	-5	3	0	92	
					VS - DIH - 38 - 2	47	75	90	3	-46	-5	3	0	92	
					VS - DIH - 38 - 3	47	80	90	3	-46	-5	3	0	92	
					VS - DIH - 38 - 4	47	80	180	3	-46	-10	3	0	97	
					VS - DIH - 39 - 1	47	65	90	3	-44	-5	3	0	90	
					VS - DIH - 39 - 2	47	65	90	3	-44	-5	3	0	90	
					VS - DIH - 39 - 3	47	65	90	3	-44	-5	3	0	90	
					VS - DIH - 39 - 4	47	70	180	3	-45	-10	3	0	96	
					VS - DIH - 40 - 1	47	55	90	3	-43	-5	3	0	89	
					VS - DIH - 40 - 2	47	55	90	3	-43	-5	3	0	89	
VS - DIH - 40 - 3	47	60	90	3	-44	-5	3	0	90						
VS - DIH - 40 - 4	47	60	180	3	-44	-10	3	0	95						
VS - DIH - 41 - 1	47	155	90	3	-52	-5	3	0	98						
VS - DIH - 41 - 2	47	135	0	3	-51	0	3	0	92						
VS - DIH - 41 - 3	47	130	0	3	-50	0	3	0	91						
VS - DIH - 41 - 4	47	155	180	3	-52	-10	3	0	103						
VS - DIH - 41 - 5	47	145	0	3	-51	0	3	0	92						
VS - DIH - 42 - 1	47	240	90	3	-56	-5	3	0	102						
VS - DIH - 42 - 2	47	205	0	3	-54	0	3	0	95						
VS - DIH - 42 - 3	47	175	0	3	-53	0	3	0	94						
VS - DIH - 42 - 4	47	210	90	3	-54	-5	3	0	100						
VS - DIH - 42 - 5	47	210	0	3	-54	0	3	0	95						
					65										

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
Night-time	C	55	63	55	VS - DIH - 1 - 2	37	150	90	3	-52	-5	3	0	88	
					VS - DIH - 2 - 2	37	120	90	3	-50	-5	3	0	86	
					VS - DIH - 3 - 2	37	100	90	3	-48	-5	3	0	84	
					VS - DIH - 4 - 2	37	75	90	3	-46	-5	3	0	82	
					VS - DIH - 5 - 2	37	45	90	3	-41	-5	3	0	77	
					VS - DIH - 6 - 2	37	10	90	3	-28	-5	3	0	74	
					VS - DIH - 7 - 2	37	100	90	3	-48	-5	3	0	84	
					VS - DIH - 8 - 2	37	160	90	3	-52	-5	3	0	88	
					VS - DIH - 9 - 1	37	235	0	3	-55	0	3	0	86	
					VS - DIH - 9 - 2	37	225	0	3	-55	0	3	0	86	
					VS - DIH - 9 - 3	37	255	90	3	-56	-5	3	0	92	
					VS - DIH - 9 - 4	37	240	90	3	-56	-5	3	0	92	
					VS - DIH - 9 - 5	37	245	0	3	-56	0	3	0	86	
					VS - DIH - 10 - 3	37	200	90	3	-54	-5	3	0	90	
					VS - DIH - 10 - 4	37	200	90	3	-54	-5	3	0	90	
					VS - DIH - 11 - 1	37	150	0	3	-52	0	3	0	83	
					VS - DIH - 11 - 2	37	165	0	3	-52	0	3	0	83	
					VS - DIH - 11 - 3	37	190	90	3	-54	-5	3	0	90	
					VS - DIH - 11 - 4	37	170	90	3	-53	-5	3	0	89	
					VS - DIH - 26 - 5	37	140	0	3	-51	0	3	0	82	
					VS - DIH - 27 - 5	37	135	0	3	-51	0	3	0	82	
					VS - DIH - 28 - 5	37	125	0	3	-50	0	3	0	81	
					VS - DIH - 29 - 5	37	135	0	3	-51	0	3	0	82	
					VS - DIH - 30 - 5	37	130	0	3	-50	0	3	0	81	
					VS - DIH - 31 - 5	37	120	0	3	-50	0	3	0	81	
					VS - DIH - 32 - 5	37	115	0	3	-49	0	3	0	80	
					VS - DIH - 33 - 1	37	95	90	3	-48	-5	3	0	84	
					VS - DIH - 33 - 2	37	90	0	3	-47	0	3	0	78	
					VS - DIH - 33 - 3	37	85	0	3	-47	0	3	0	78	
					VS - DIH - 33 - 4	37	95	180	3	-48	-10	3	0	89	
					VS - DIH - 34 - 5	37	120	0	3	-50	0	3	0	81	
					VS - DIH - 35 - 5	37	120	0	3	-50	0	3	0	81	
					VS - DIH - 36 - 1	37	90	90	3	-47	-5	3	0	83	
					VS - DIH - 36 - 2	37	90	90	3	-47	-5	3	0	83	
					VS - DIH - 36 - 3	37	90	90	3	-47	-5	3	0	83	
					VS - DIH - 36 - 4	37	90	180	3	-47	-10	3	0	88	
					VS - DIH - 37 - 1	37	85	90	3	-47	-5	3	0	83	
					VS - DIH - 37 - 2	37	85	90	3	-47	-5	3	0	83	
					VS - DIH - 37 - 3	37	90	90	3	-47	-5	3	0	83	
					VS - DIH - 37 - 4	37	85	180	3	-47	-10	3	0	88	
					VS - DIH - 38 - 1	37	75	90	3	-46	-5	3	0	82	
					VS - DIH - 38 - 2	37	75	90	3	-46	-5	3	0	82	
					VS - DIH - 38 - 3	37	80	90	3	-46	-5	3	0	82	
					VS - DIH - 38 - 4	37	80	180	3	-46	-10	3	0	87	
					VS - DIH - 39 - 1	37	65	90	3	-44	-5	3	0	80	
					VS - DIH - 39 - 2	37	65	90	3	-44	-5	3	0	80	
					VS - DIH - 39 - 3	37	65	90	3	-44	-5	3	0	80	
					VS - DIH - 39 - 4	37	70	180	3	-45	-10	3	0	86	
					VS - DIH - 40 - 1	37	55	90	3	-43	-5	3	0	79	
					VS - DIH - 40 - 2	37	55	90	3	-43	-5	3	0	79	
					VS - DIH - 40 - 3	37	60	90	3	-44	-5	3	0	80	
					VS - DIH - 40 - 4	37	60	180	3	-44	-10	3	0	85	
					VS - DIH - 41 - 1	37	155	90	3	-52	-5	3	0	88	
					VS - DIH - 41 - 2	37	135	0	3	-51	0	3	0	82	
					VS - DIH - 41 - 3	37	130	0	3	-50	0	3	0	81	
VS - DIH - 41 - 4	37	155	180	3	-52	-10	3	0	93						
VS - DIH - 41 - 5	37	145	0	3	-51	0	3	0	82						
VS - DIH - 42 - 1	37	240	90	3	-56	-5	3	0	92						
VS - DIH - 42 - 2	37	205	0	3	-54	0	3	0	85						
VS - DIH - 42 - 3	37	175	0	3	-53	0	3	0	84						
VS - DIH - 42 - 4	37	210	90	3	-54	-5	3	0	90						
VS - DIH - 42 - 5	37	210	0	3	-54	0	3	0	85						
					55										

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks						
		ANL-S (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int					
DIH-P2-15 (Planned NSR) Daytime	C	65	76	65	VS - DIH - 4 - 2	44	290	180	3	-57	-10	3	0	105						
					VS - DIH - 5 - 2	44	265	180	3	-56	-10	3	0	104						
					VS - DIH - 6 - 2	44	220	180	3	-55	-10	3	0	103						
					VS - DIH - 7 - 2	44	125	180	3	-50	-10	3	0	98						
					VS - DIH - 8 - 2	44	65	180	3	-44	-10	3	0	92						
					VS - DIH - 9 - 1	44	25	90	3	-36	-5	3	0	79						
					VS - DIH - 9 - 2	64	5	0	3	-22	0	3	0	80						
					VS - DIH - 9 - 3	44	50	180	3	-42	-10	3	0	90						
					VS - DIH - 9 - 4	44	20	180	3	-34	-10	3	0	82						
					VS - DIH - 9 - 5	44	35	0	3	-39	0	3	0	77						
					VS - DIH - 10 - 3	44	65	0	3	-44	0	3	0	82						
					VS - DIH - 10 - 4	44	75	90	3	-46	-5	3	0	89						
					VS - DIH - 11 - 1	44	120	90	3	-50	-5	3	0	93						
					VS - DIH - 11 - 2	44	100	0	3	-48	0	3	0	86						
					VS - DIH - 11 - 3	44	90	0	3	-47	0	3	0	85						
					VS - DIH - 11 - 4	44	105	90	3	-48	-5	3	0	91						
					VS - DIH - 26 - 5	44	150	0	3	-52	0	3	0	90						
					VS - DIH - 27 - 5	44	160	0	3	-52	0	3	0	90						
					VS - DIH - 28 - 5	44	165	0	3	-52	0	3	0	90						
					VS - DIH - 29 - 5	44	170	0	3	-53	0	3	0	91						
					VS - DIH - 30 - 5	44	175	0	3	-53	0	3	0	91						
					VS - DIH - 31 - 5	44	185	0	3	-53	0	3	0	91						
					VS - DIH - 32 - 5	44	185	0	3	-53	0	3	0	91						
					VS - DIH - 33 - 1	44	290	90	3	-57	-5	3	0	100						
					VS - DIH - 33 - 2	44	275	0	3	-57	0	3	0	95						
					VS - DIH - 33 - 3	44	270	0	3	-57	0	3	0	95						
					VS - DIH - 33 - 4	44	280	90	3	-57	-5	3	0	100						
										65										
					Night-time	C	55	71	55	VS - DIH - 4 - 2	34	290	180	3	-57	-10	3	0	95	
										VS - DIH - 5 - 2	34	265	180	3	-56	-10	3	0	94	
										VS - DIH - 6 - 2	34	220	180	3	-55	-10	3	0	93	
										VS - DIH - 7 - 2	34	125	180	3	-50	-10	3	0	88	
										VS - DIH - 8 - 2	34	65	180	3	-44	-10	3	0	82	
										VS - DIH - 9 - 1	34	25	90	3	-36	-5	3	0	69	
VS - DIH - 9 - 2	54	5	0	3						-22	0	3	0	70						
VS - DIH - 9 - 3	34	50	180	3						-42	-10	3	0	80						
VS - DIH - 9 - 4	34	20	180	3						-34	-10	3	0	72						
VS - DIH - 9 - 5	34	35	0	3						-39	0	3	0	67						
VS - DIH - 10 - 3	34	65	0	3						-44	0	3	0	72						
VS - DIH - 10 - 4	34	75	90	3						-46	-5	3	0	79						
VS - DIH - 11 - 1	34	120	90	3						-50	-5	3	0	83						
VS - DIH - 11 - 2	34	100	0	3						-48	0	3	0	76						
VS - DIH - 11 - 3	34	90	0	3						-47	0	3	0	75						
VS - DIH - 11 - 4	34	105	90	3						-48	-5	3	0	81						
VS - DIH - 26 - 5	34	150	0	3						-52	0	3	0	80						
VS - DIH - 27 - 5	34	160	0	3						-52	0	3	0	80						
VS - DIH - 28 - 5	34	165	0	3						-52	0	3	0	80						
VS - DIH - 29 - 5	34	170	0	3						-53	0	3	0	81						
VS - DIH - 30 - 5	34	175	0	3						-53	0	3	0	81						
VS - DIH - 31 - 5	34	185	0	3						-53	0	3	0	81						
VS - DIH - 32 - 5	34	185	0	3						-53	0	3	0	81						
VS - DIH - 33 - 1	34	290	90	3						-57	-5	3	0	90						
VS - DIH - 33 - 2	34	275	0	3						-57	0	3	0	85						
VS - DIH - 33 - 3	34	270	0	3						-57	0	3	0	85						
VS - DIH - 33 - 4	34	280	90	3						-57	-5	3	0	90						
										55										

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible		Remarks																
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int	SWL, dB(A)																	
DIH-P2-16 (Planned NSR)	Daytime	C	65	69	65	65	290	90	3	-57	-5	3	0	99																	
																VS - DIH - 3 - 2	43	270	90	3	-57	-5	3	0	99						
																VS - DIH - 4 - 2	43	245	90	3	-56	-5	3	0	98						
																VS - DIH - 5 - 2	43	205	90	3	-54	-5	3	0	96						
																VS - DIH - 6 - 2	43	120	90	3	-50	-5	3	0	92						
																VS - DIH - 7 - 2	43	75	90	3	-46	-5	3	0	88						
																VS - DIH - 8 - 2	43	85	180	3	-47	-10	3	0	94						
																VS - DIH - 9 - 1	43	60	90	3	-44	-5	3	0	86						
																VS - DIH - 9 - 2	43	110	180	3	-49	-10	3	0	96						
																VS - DIH - 9 - 3	43	70	90	3	-45	-5	3	0	87						
																VS - DIH - 9 - 4	43	95	0	3	-48	0	3	0	85						
																VS - DIH - 9 - 5	43	5	0	3	-22	0	3	0	79						
																VS - DIH - 10 - 3	63	12	90	3	-30	-5	3	0	82						
																VS - DIH - 10 - 4	53	65	90	3	-44	-5	3	0	86						
																VS - DIH - 11 - 1	43	45	0	3	-41	0	3	0	78						
																VS - DIH - 11 - 2	43	30	0	3	-38	0	3	0	75						
																VS - DIH - 11 - 3	43	50	90	3	-42	-5	3	0	84						
																VS - DIH - 11 - 4	43	95	0	3	-48	0	3	0	85						
																VS - DIH - 26 - 5	43	110	0	3	-49	0	3	0	86						
																VS - DIH - 27 - 5	43	115	0	3	-49	0	3	0	86						
																VS - DIH - 28 - 5	43	120	0	3	-50	0	3	0	87						
																VS - DIH - 29 - 5	43	125	0	3	-50	0	3	0	87						
																VS - DIH - 30 - 5	43	135	0	3	-51	0	3	0	88						
																VS - DIH - 31 - 5	43	135	0	3	-51	0	3	0	88						
																VS - DIH - 32 - 5	43	250	90	3	-56	-5	3	0	98						
																VS - DIH - 33 - 1	43	240	0	3	-56	0	3	0	93						
																VS - DIH - 33 - 2	43	230	0	3	-55	0	3	0	92						
																VS - DIH - 33 - 3	43	240	90	3	-56	-5	3	0	98						
																VS - DIH - 33 - 4	43	265	0	3	-56	0	3	0	93						
																VS - DIH - 34 - 5	43	260	0	3	-56	0	3	0	93						
																VS - DIH - 35 - 5	43	280	90	3	-57	-5	3	0	99						
																VS - DIH - 36 - 1	43	275	0	3	-57	0	3	0	94						
																VS - DIH - 36 - 2	43	275	0	3	-57	0	3	0	94						
																VS - DIH - 36 - 3	43	275	90	3	-57	-5	3	0	99						
																VS - DIH - 36 - 4	43	275	90	3	-57	-5	3	0	99						
																VS - DIH - 37 - 1	43	270	0	3	-57	0	3	0	94						
																VS - DIH - 37 - 2	43	270	0	3	-57	0	3	0	94						
																VS - DIH - 37 - 3	43	270	90	3	-57	-5	3	0	99						
																VS - DIH - 37 - 4	43	285	90	3	-57	-5	3	0	99						
																VS - DIH - 38 - 1	43	280	0	3	-57	0	3	0	94						
																VS - DIH - 38 - 2	43	280	0	3	-57	0	3	0	94						
																VS - DIH - 38 - 3	43	285	90	3	-57	-5	3	0	99						
																VS - DIH - 38 - 4	43	285	90	3	-57	-5	3	0	99						
																VS - DIH - 41 - 1	43	270	0	3	-57	0	3	0	94						
																VS - DIH - 41 - 2	43	355	0	3	-59	0	3	0	96						
																VS - DIH - 41 - 3	43	270	90	3	-57	-5	3	0	99						
																VS - DIH - 41 - 4	43	270	0	3	-57	0	3	0	94						
																VS - DIH - 41 - 5	43	270	0	3	-57	0	3	0	94						
																DIH-P2-16 (Planned NSR)	Night-time	C	55	62	55	55	290	90	3	-57	-5	3	0	89	
VS - DIH - 4 - 2	33	245	90	3	-56	-5	3	0	88																						
VS - DIH - 5 - 2	33	205	90	3	-54	-5	3	0	86																						
VS - DIH - 6 - 2	33	120	90	3	-50	-5	3	0	82																						
VS - DIH - 7 - 2	33	75	90	3	-46	-5	3	0	78																						
VS - DIH - 8 - 2	33	85	180	3	-47	-10	3	0	84																						
VS - DIH - 9 - 1	33	60	90	3	-44	-5	3	0	76																						
VS - DIH - 9 - 2	33	110	180	3	-49	-10	3	0	86																						
VS - DIH - 9 - 3	33	70	90	3	-45	-5	3	0	77																						
VS - DIH - 9 - 4	33	95	0	3	-48	0	3	0	75																						
VS - DIH - 9 - 5	33	5	0	3	-22	0	3	0	69																						
VS - DIH - 10 - 3	53	12	90	3	-30	-5	3	0	72																						
VS - DIH - 10 - 4	43	65	90	3	-44	-5	3	0	76																						
VS - DIH - 11 - 1	33	45	0	3	-41	0	3	0	68																						
VS - DIH - 11 - 2	33	30	0	3	-38	0	3	0	65																						
VS - DIH - 11 - 3	33	50	90	3	-42	-5	3	0	74																						
VS - DIH - 11 - 4	33	95	0	3	-48	0	3	0	75																						
VS - DIH - 26 - 5	33	110	0	3	-49	0	3	0	76																						
VS - DIH - 27 - 5	33	115	0	3	-49	0	3	0	76																						
VS - DIH - 28 - 5	33	120	0	3	-50	0	3	0	77																						
VS - DIH - 29 - 5	33	125	0	3	-50	0	3	0	77																						
VS - DIH - 30 - 5	33	135	0	3	-51	0	3	0	78																						
VS - DIH - 31 - 5	33	135	0	3	-51	0	3	0	78																						
VS - DIH - 32 - 5	33	250	90	3	-56	-5	3	0	88																						
VS - DIH - 33 - 1	33	240	0	3	-56	0	3	0	83																						
VS - DIH - 33 - 2	33	230	0	3	-55	0	3	0	82																						
VS - DIH - 33 - 3	33	240	90	3	-56	-5	3	0	88																						
VS - DIH - 33 - 4	33	265	0	3	-56	0	3	0	83																						
VS - DIH - 34 - 5	33	260	0	3	-56	0	3	0	83																						
VS - DIH - 35 - 5	33	280	90	3	-57	-5	3	0	89																						
VS - DIH - 36 - 1	33	275	0	3	-57	0	3	0	84																						
VS - DIH - 36 - 2	33	275	0	3	-57	0	3	0	84																						
VS - DIH - 36 - 3	33	275	90	3	-57	-5	3	0	89																						
VS - DIH - 36 - 4	33	275	90	3	-57	-5	3	0	89																						
VS - DIH - 37 - 1	33	270	0	3	-57	0	3	0	84																						
VS - DIH - 37 - 2	33	270	0	3	-57	0	3	0	84																						
VS - DIH - 37 - 3	33	270	90	3	-57	-5	3	0	89																						
VS - DIH - 37 - 4	33	285	90	3	-57	-5	3	0	89																						
VS - DIH - 38 - 1	33	280	0	3	-57	0	3	0	84																						
VS - DIH - 38 - 2	33	280	0	3	-57	0	3	0	84																						
VS - DIH - 38 - 3	33	285	90	3	-57	-5	3	0	89																						
VS - DIH - 38 - 4	33	285	90	3	-57	-5	3	0	89																						
VS - DIH - 41 - 1	33	270	0	3	-57	0	3	0	84																						
VS - DIH - 41 - 2	33	355	0	3	-59	0	3	0	86																						
VS - DIH - 41 - 3	33	270	90	3	-57	-5	3	0	89																						
VS - DIH - 41 - 4	33	270	0	3	-57	0	3	0	84																						
VS - DIH - 41 - 5	33	270	0	3	-57	0	3	0	84																						

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks
		ANL-S (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton		
DIH-P2-17 (Planned NSR)														
Daytime	C	65	69	65	VS - DIH - 2 - 2	43	295	180	3	-57	-10	3	0	104
					VS - DIH - 3 - 2	43	275	180	3	-57	-10	3	0	104
					VS - DIH - 4 - 2	43	250	180	3	-56	-10	3	0	103
					VS - DIH - 5 - 2	43	230	180	3	-55	-10	3	0	102
					VS - DIH - 6 - 2	43	190	180	3	-54	-10	3	0	101
					VS - DIH - 7 - 2	43	110	180	3	-49	-10	3	0	96
					VS - DIH - 8 - 2	43	85	180	3	-47	-10	3	0	94
					VS - DIH - 9 - 1	43	110	90	3	-49	-5	3	0	91
					VS - DIH - 9 - 2	43	85	90	3	-47	-5	3	0	89
					VS - DIH - 9 - 3	43	135	180	3	-51	-10	3	0	98
					VS - DIH - 9 - 4	43	95	90	3	-48	-5	3	0	90
					VS - DIH - 9 - 5	43	120	0	3	-50	0	3	0	87
					VS - DIH - 10 - 3	53	20	90	3	-34	-5	3	0	86
					VS - DIH - 10 - 4	53	16	180	3	-32	-10	3	0	89
					VS - DIH - 11 - 1	43	40	90	3	-40	-5	3	0	82
					VS - DIH - 11 - 2	53	20	0	3	-34	0	3	0	81
					VS - DIH - 11 - 3	63	5	0	3	-22	0	3	0	78
					VS - DIH - 11 - 4	43	25	180	3	-36	-10	3	0	83
					VS - DIH - 26 - 5	43	70	0	3	-45	0	3	0	82
					VS - DIH - 27 - 5	43	80	0	3	-46	0	3	0	83
					VS - DIH - 28 - 5	43	90	0	3	-47	0	3	0	84
					VS - DIH - 29 - 5	43	90	0	3	-47	0	3	0	84
					VS - DIH - 30 - 5	43	100	0	3	-48	0	3	0	85
					VS - DIH - 31 - 5	43	110	0	3	-49	0	3	0	86
					VS - DIH - 32 - 5	43	110	0	3	-49	0	3	0	86
					VS - DIH - 33 - 1	43	230	90	3	-55	-5	3	0	97
					VS - DIH - 33 - 2	43	215	90	3	-55	-5	3	0	97
					VS - DIH - 33 - 3	43	210	0	3	-54	0	3	0	91
					VS - DIH - 33 - 4	43	215	90	3	-55	-5	3	0	97
					VS - DIH - 34 - 5	43	240	0	3	-56	0	3	0	93
					VS - DIH - 35 - 5	43	240	0	3	-56	0	3	0	93
					VS - DIH - 36 - 1	43	250	90	3	-56	-5	3	0	98
					VS - DIH - 36 - 2	43	250	0	3	-56	0	3	0	93
					VS - DIH - 36 - 3	43	250	0	3	-56	0	3	0	93
					VS - DIH - 36 - 4	43	250	90	3	-56	-5	3	0	98
					VS - DIH - 37 - 1	43	250	90	3	-56	-5	3	0	98
					VS - DIH - 37 - 2	43	245	0	3	-56	0	3	0	93
					VS - DIH - 37 - 3	43	245	0	3	-56	0	3	0	93
					VS - DIH - 37 - 4	43	250	90	3	-56	-5	3	0	98
					VS - DIH - 38 - 1	43	260	90	3	-56	-5	3	0	98
					VS - DIH - 38 - 2	43	260	0	3	-56	0	3	0	93
					VS - DIH - 38 - 3	43	255	0	3	-56	0	3	0	93
					VS - DIH - 38 - 4	43	260	90	3	-56	-5	3	0	98
					VS - DIH - 39 - 1	43	290	90	3	-57	-5	3	0	99
					VS - DIH - 39 - 2	43	285	0	3	-57	0	3	0	94
					VS - DIH - 39 - 3	43	285	0	3	-57	0	3	0	94
					VS - DIH - 39 - 4	43	285	90	3	-57	-5	3	0	99
					VS - DIH - 40 - 1	43	290	90	3	-57	-5	3	0	99
					VS - DIH - 40 - 2	43	290	0	3	-57	0	3	0	94
					VS - DIH - 40 - 3	43	290	0	3	-57	0	3	0	94
					VS - DIH - 40 - 4	43	290	90	3	-57	-5	3	0	99
					VS - DIH - 41 - 1	43	260	90	3	-56	-5	3	0	98
					VS - DIH - 41 - 2	43	245	0	3	-56	0	3	0	93
					VS - DIH - 41 - 3	43	230	0	3	-55	0	3	0	92
					VS - DIH - 41 - 4	43	250	90	3	-56	-5	3	0	98
					VS - DIH - 41 - 5	43	245	0	3	-56	0	3	0	93
						65								

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
Night-time	C	55	62	55	VS - DIH - 2 - 2	33	295	180	3	-57	-10	3	0	94	
					VS - DIH - 3 - 2	33	275	180	3	-57	-10	3	0	94	
					VS - DIH - 4 - 2	33	250	180	3	-56	-10	3	0	93	
					VS - DIH - 5 - 2	33	230	180	3	-55	-10	3	0	92	
					VS - DIH - 6 - 2	33	190	180	3	-54	-10	3	0	91	
					VS - DIH - 7 - 2	33	110	180	3	-49	-10	3	0	86	
					VS - DIH - 8 - 2	33	85	180	3	-47	-10	3	0	84	
					VS - DIH - 9 - 1	33	110	90	3	-49	-5	3	0	81	
					VS - DIH - 9 - 2	33	85	90	3	-47	-5	3	0	79	
					VS - DIH - 9 - 3	33	135	180	3	-51	-10	3	0	88	
					VS - DIH - 9 - 4	33	95	90	3	-48	-5	3	0	80	
					VS - DIH - 9 - 5	33	120	0	3	-50	0	3	0	77	
					VS - DIH - 10 - 3	43	20	90	3	-34	-5	3	0	76	
					VS - DIH - 10 - 4	43	16	180	3	-32	-10	3	0	79	
					VS - DIH - 11 - 1	33	40	90	3	-40	-5	3	0	72	
					VS - DIH - 11 - 2	43	20	0	3	-34	0	3	0	71	
					VS - DIH - 11 - 3	53	5	0	3	-22	0	3	0	68	
					VS - DIH - 11 - 4	33	25	180	3	-36	-10	3	0	73	
					VS - DIH - 26 - 5	33	70	0	3	-45	0	3	0	72	
					VS - DIH - 27 - 5	33	80	0	3	-46	0	3	0	73	
					VS - DIH - 28 - 5	33	90	0	3	-47	0	3	0	74	
					VS - DIH - 29 - 5	33	90	0	3	-47	0	3	0	74	
					VS - DIH - 30 - 5	33	100	0	3	-48	0	3	0	75	
					VS - DIH - 31 - 5	33	110	0	3	-49	0	3	0	76	
					VS - DIH - 32 - 5	33	110	0	3	-49	0	3	0	76	
					VS - DIH - 33 - 1	33	230	90	3	-55	-5	3	0	87	
					VS - DIH - 33 - 2	33	215	90	3	-55	-5	3	0	87	
					VS - DIH - 33 - 3	33	210	0	3	-54	0	3	0	81	
					VS - DIH - 33 - 4	33	215	90	3	-55	-5	3	0	87	
					VS - DIH - 34 - 5	33	240	0	3	-56	0	3	0	83	
					VS - DIH - 35 - 5	33	240	0	3	-56	0	3	0	83	
					VS - DIH - 36 - 1	33	250	90	3	-56	-5	3	0	88	
					VS - DIH - 36 - 2	33	250	0	3	-56	0	3	0	83	
					VS - DIH - 36 - 3	33	250	0	3	-56	0	3	0	83	
					VS - DIH - 36 - 4	33	250	90	3	-56	-5	3	0	88	
					VS - DIH - 37 - 1	33	250	90	3	-56	-5	3	0	88	
					VS - DIH - 37 - 2	33	245	0	3	-56	0	3	0	83	
					VS - DIH - 37 - 3	33	245	0	3	-56	0	3	0	83	
					VS - DIH - 37 - 4	33	250	90	3	-56	-5	3	0	88	
					VS - DIH - 38 - 1	33	260	90	3	-56	-5	3	0	88	
					VS - DIH - 38 - 2	33	260	0	3	-56	0	3	0	83	
					VS - DIH - 38 - 3	33	255	0	3	-56	0	3	0	83	
					VS - DIH - 38 - 4	33	260	90	3	-56	-5	3	0	88	
					VS - DIH - 39 - 1	33	290	90	3	-57	-5	3	0	89	
					VS - DIH - 39 - 2	33	285	0	3	-57	0	3	0	84	
					VS - DIH - 39 - 3	33	285	0	3	-57	0	3	0	84	
					VS - DIH - 39 - 4	33	285	90	3	-57	-5	3	0	89	
					VS - DIH - 40 - 1	33	290	90	3	-57	-5	3	0	89	
					VS - DIH - 40 - 2	33	290	0	3	-57	0	3	0	84	
					VS - DIH - 40 - 3	33	290	0	3	-57	0	3	0	84	
					VS - DIH - 40 - 4	33	290	90	3	-57	-5	3	0	89	
					VS - DIH - 41 - 1	33	260	90	3	-56	-5	3	0	88	
					VS - DIH - 41 - 2	33	245	0	3	-56	0	3	0	83	
					VS - DIH - 41 - 3	33	230	0	3	-55	0	3	0	82	
					VS - DIH - 41 - 4	33	250	90	3	-56	-5	3	0	88	
					VS - DIH - 41 - 5	33	245	0	3	-56	0	3	0	83	
						55									

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
DIH-P2-18 (Planned NSR) Daytime	C	65	69	65	VS - DIH - 1 - 2	43	300	180	3	-58	-10	3	0	105	
					VS - DIH - 2 - 2	43	275	180	3	-57	-10	3	0	104	
					VS - DIH - 3 - 2	43	255	180	3	-56	-10	3	0	103	
					VS - DIH - 4 - 2	43	230	180	3	-55	-10	3	0	102	
					VS - DIH - 5 - 2	43	210	180	3	-54	-10	3	0	101	
					VS - DIH - 6 - 2	43	170	180	3	-53	-10	3	0	100	
					VS - DIH - 7 - 2	43	100	180	3	-48	-10	3	0	95	
					VS - DIH - 8 - 2	43	85	180	3	-47	-10	3	0	94	
					VS - DIH - 9 - 1	43	120	90	3	-50	-5	3	0	92	
					VS - DIH - 9 - 2	43	100	180	3	-48	-10	3	0	95	
					VS - DIH - 9 - 3	43	145	180	3	-51	-10	3	0	98	
					VS - DIH - 9 - 4	43	110	180	3	-49	-10	3	0	96	
					VS - DIH - 9 - 5	43	135	0	3	-51	0	3	0	88	
					VS - DIH - 10 - 3	43	40	180	3	-40	-10	3	0	87	
					VS - DIH - 10 - 4	43	35	90	3	-39	-5	3	0	81	
					VS - DIH - 11 - 1	53	20	90	3	-34	-5	3	0	86	
					VS - DIH - 11 - 2	63	5	0	3	-22	0	3	0	79	
					VS - DIH - 11 - 3	43	25	90	3	-36	-5	3	0	78	
					VS - DIH - 11 - 4	53	15	180	3	-32	-10	3	0	89	
					VS - DIH - 26 - 5	43	50	0	3	-42	0	3	0	79	
					VS - DIH - 27 - 5	43	60	0	3	-44	0	3	0	81	
					VS - DIH - 28 - 5	43	70	0	3	-45	0	3	0	82	
					VS - DIH - 29 - 5	43	75	0	3	-46	0	3	0	83	
					VS - DIH - 30 - 5	43	80	0	3	-46	0	3	0	83	
					VS - DIH - 31 - 5	43	95	0	3	-48	0	3	0	85	
					VS - DIH - 32 - 5	43	90	0	3	-47	0	3	0	84	
					VS - DIH - 33 - 1	43	205	90	3	-54	-5	3	0	96	
					VS - DIH - 33 - 2	43	200	0	3	-54	0	3	0	91	
					VS - DIH - 33 - 3	43	190	0	3	-54	0	3	0	91	
					VS - DIH - 33 - 4	43	200	90	3	-54	-5	3	0	96	
					VS - DIH - 34 - 5	43	220	0	3	-55	0	3	0	92	
					VS - DIH - 35 - 5	43	220	0	3	-55	0	3	0	92	
					VS - DIH - 36 - 1	43	235	90	3	-55	-5	3	0	97	
					VS - DIH - 36 - 2	43	230	0	3	-55	0	3	0	92	
					VS - DIH - 36 - 3	43	230	0	3	-55	0	3	0	92	
					VS - DIH - 36 - 4	43	230	90	3	-55	-5	3	0	97	
					VS - DIH - 37 - 1	43	230	90	3	-55	-5	3	0	97	
					VS - DIH - 37 - 2	43	225	0	3	-55	0	3	0	92	
					VS - DIH - 37 - 3	43	225	0	3	-55	0	3	0	92	
					VS - DIH - 37 - 4	43	230	90	3	-55	-5	3	0	97	
					VS - DIH - 38 - 1	43	240	90	3	-56	-5	3	0	98	
					VS - DIH - 38 - 2	43	235	0	3	-55	0	3	0	92	
					VS - DIH - 38 - 3	43	235	0	3	-55	0	3	0	92	
					VS - DIH - 38 - 4	43	240	90	3	-56	-5	3	0	98	
					VS - DIH - 39 - 1	43	265	90	3	-56	-5	3	0	98	
					VS - DIH - 39 - 2	43	265	0	3	-56	0	3	0	93	
					VS - DIH - 39 - 3	43	260	0	3	-56	0	3	0	93	
					VS - DIH - 39 - 4	43	265	90	3	-56	-5	3	0	98	
					VS - DIH - 40 - 1	43	275	90	3	-57	-5	3	0	99	
					VS - DIH - 40 - 2	43	270	0	3	-57	0	3	0	94	
					VS - DIH - 40 - 3	43	270	0	3	-57	0	3	0	94	
					VS - DIH - 40 - 4	43	270	90	3	-57	-5	3	0	99	
					VS - DIH - 41 - 1	43	240	90	3	-56	-5	3	0	98	
					VS - DIH - 41 - 2	43	225	0	3	-55	0	3	0	92	
					VS - DIH - 41 - 3	43	210	0	3	-54	0	3	0	91	
VS - DIH - 41 - 4	43	230	90	3	-55	-5	3	0	97						
VS - DIH - 41 - 5	43	225	0	3	-55	0	3	0	92						
					65										

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
Night-time	C	55	62	55	VS - DIH - 1 - 2	33	300	180	3	-58	-10	3	0	95	
					VS - DIH - 2 - 2	33	275	180	3	-57	-10	3	0	94	
					VS - DIH - 3 - 2	33	255	180	3	-56	-10	3	0	93	
					VS - DIH - 4 - 2	33	230	180	3	-55	-10	3	0	92	
					VS - DIH - 5 - 2	33	210	180	3	-54	-10	3	0	91	
					VS - DIH - 6 - 2	33	170	180	3	-53	-10	3	0	90	
					VS - DIH - 7 - 2	33	100	180	3	-48	-10	3	0	85	
					VS - DIH - 8 - 2	33	85	180	3	-47	-10	3	0	84	
					VS - DIH - 9 - 1	33	120	90	3	-50	-5	3	0	82	
					VS - DIH - 9 - 2	33	100	180	3	-48	-10	3	0	85	
					VS - DIH - 9 - 3	33	145	180	3	-51	-10	3	0	88	
					VS - DIH - 9 - 4	33	110	180	3	-49	-10	3	0	86	
					VS - DIH - 9 - 5	33	135	0	3	-51	0	3	0	78	
					VS - DIH - 10 - 3	33	40	180	3	-40	-10	3	0	77	
					VS - DIH - 10 - 4	33	35	90	3	-39	-5	3	0	71	
					VS - DIH - 11 - 1	43	20	90	3	-34	-5	3	0	76	
					VS - DIH - 11 - 2	53	5	0	3	-22	0	3	0	69	
					VS - DIH - 11 - 3	33	25	90	3	-36	-5	3	0	68	
					VS - DIH - 11 - 4	43	15	180	3	-32	-10	3	0	79	
					VS - DIH - 26 - 5	33	50	0	3	-42	0	3	0	69	
					VS - DIH - 27 - 5	33	60	0	3	-44	0	3	0	71	
					VS - DIH - 28 - 5	33	70	0	3	-45	0	3	0	72	
					VS - DIH - 29 - 5	33	75	0	3	-46	0	3	0	73	
					VS - DIH - 30 - 5	33	80	0	3	-46	0	3	0	73	
					VS - DIH - 31 - 5	33	95	0	3	-48	0	3	0	75	
					VS - DIH - 32 - 5	33	90	0	3	-47	0	3	0	74	
					VS - DIH - 33 - 1	33	205	90	3	-54	-5	3	0	86	
					VS - DIH - 33 - 2	33	200	0	3	-54	0	3	0	81	
					VS - DIH - 33 - 3	33	190	0	3	-54	0	3	0	81	
					VS - DIH - 33 - 4	33	200	90	3	-54	-5	3	0	86	
					VS - DIH - 34 - 5	33	220	0	3	-55	0	3	0	82	
					VS - DIH - 35 - 5	33	220	0	3	-55	0	3	0	82	
					VS - DIH - 36 - 1	33	235	90	3	-55	-5	3	0	87	
					VS - DIH - 36 - 2	33	230	0	3	-55	0	3	0	82	
					VS - DIH - 36 - 3	33	230	0	3	-55	0	3	0	82	
					VS - DIH - 36 - 4	33	230	90	3	-55	-5	3	0	87	
					VS - DIH - 37 - 1	33	230	90	3	-55	-5	3	0	87	
					VS - DIH - 37 - 2	33	225	0	3	-55	0	3	0	82	
					VS - DIH - 37 - 3	33	225	0	3	-55	0	3	0	82	
					VS - DIH - 37 - 4	33	230	90	3	-55	-5	3	0	87	
					VS - DIH - 38 - 1	33	240	90	3	-56	-5	3	0	88	
					VS - DIH - 38 - 2	33	235	0	3	-55	0	3	0	82	
					VS - DIH - 38 - 3	33	235	0	3	-55	0	3	0	82	
					VS - DIH - 38 - 4	33	240	90	3	-56	-5	3	0	88	
					VS - DIH - 39 - 1	33	265	90	3	-56	-5	3	0	88	
					VS - DIH - 39 - 2	33	265	0	3	-56	0	3	0	83	
					VS - DIH - 39 - 3	33	260	0	3	-56	0	3	0	83	
					VS - DIH - 39 - 4	33	265	90	3	-56	-5	3	0	88	
					VS - DIH - 40 - 1	33	275	90	3	-57	-5	3	0	89	
					VS - DIH - 40 - 2	33	270	0	3	-57	0	3	0	84	
					VS - DIH - 40 - 3	33	270	0	3	-57	0	3	0	84	
					VS - DIH - 40 - 4	33	270	90	3	-57	-5	3	0	89	
					VS - DIH - 41 - 1	33	240	90	3	-56	-5	3	0	88	
					VS - DIH - 41 - 2	33	225	0	3	-55	0	3	0	82	
					VS - DIH - 41 - 3	33	210	0	3	-54	0	3	0	81	
VS - DIH - 41 - 4	33	230	90	3	-55	-5	3	0	87						
VS - DIH - 41 - 5	33	225	0	3	-55	0	3	0	82						
					55										

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
DIH-P2-19 (Planned NSR) Daytime	C	65	69	65	VS - DIH - 1 - 2	43	275	90	3	-57	-5	3	0	99	
					VS - DIH - 2 - 2	43	250	90	3	-56	-5	3	0	98	
					VS - DIH - 3 - 2	43	230	90	3	-55	-5	3	0	97	
					VS - DIH - 4 - 2	43	205	90	3	-54	-5	3	0	96	
					VS - DIH - 5 - 2	43	190	90	3	-54	-5	3	0	96	
					VS - DIH - 6 - 2	43	155	90	3	-52	-5	3	0	94	
					VS - DIH - 7 - 2	43	95	90	3	-48	-5	3	0	90	
					VS - DIH - 8 - 2	43	95	90	3	-48	-5	3	0	90	
					VS - DIH - 9 - 1	43	145	0	3	-51	0	3	0	88	
					VS - DIH - 9 - 2	43	125	0	3	-50	0	3	0	87	
					VS - DIH - 9 - 3	43	170	90	3	-53	-5	3	0	95	
					VS - DIH - 9 - 4	43	135	90	3	-51	-5	3	0	93	
					VS - DIH - 9 - 5	43	160	0	3	-52	0	3	0	89	
					VS - DIH - 10 - 3	43	70	90	3	-45	-5	3	0	87	
					VS - DIH - 10 - 4	43	65	90	3	-44	-5	3	0	86	
					VS - DIH - 11 - 1	63	5	0	3	-22	0	3	0	79	
					VS - DIH - 11 - 2	43	25	90	3	-36	-5	3	0	78	
					VS - DIH - 11 - 3	43	45	180	3	-41	-10	3	0	88	
					VS - DIH - 11 - 4	43	25	90	3	-36	-5	3	0	78	
					VS - DIH - 26 - 5	43	25	0	3	-36	0	3	0	73	
					VS - DIH - 27 - 5	43	35	0	3	-39	0	3	0	76	
					VS - DIH - 28 - 5	43	45	0	3	-41	0	3	0	78	
					VS - DIH - 29 - 5	43	45	0	3	-41	0	3	0	78	
					VS - DIH - 30 - 5	43	55	0	3	-43	0	3	0	80	
					VS - DIH - 31 - 5	43	65	0	3	-44	0	3	0	81	
					VS - DIH - 32 - 5	43	65	0	3	-44	0	3	0	81	
					VS - DIH - 33 - 1	43	180	180	3	-53	-10	3	0	100	
					VS - DIH - 33 - 2	43	170	180	3	-53	-10	3	0	100	
					VS - DIH - 33 - 3	43	160	90	3	-52	-5	3	0	94	
					VS - DIH - 33 - 4	43	170	90	3	-53	-5	3	0	95	
					VS - DIH - 34 - 5	43	190	0	3	-54	0	3	0	91	
					VS - DIH - 35 - 5	43	190	0	3	-54	0	3	0	91	
					VS - DIH - 36 - 1	43	205	180	3	-54	-10	3	0	101	
					VS - DIH - 36 - 2	43	205	90	3	-54	-5	3	0	96	
					VS - DIH - 36 - 3	43	200	90	3	-54	-5	3	0	96	
					VS - DIH - 36 - 4	43	205	90	3	-54	-5	3	0	96	
					VS - DIH - 37 - 1	43	205	180	3	-54	-10	3	0	101	
					VS - DIH - 37 - 2	43	200	90	3	-54	-5	3	0	96	
					VS - DIH - 37 - 3	43	200	90	3	-54	-5	3	0	96	
					VS - DIH - 37 - 4	43	200	90	3	-54	-5	3	0	96	
					VS - DIH - 38 - 1	43	215	180	3	-55	-10	3	0	102	
					VS - DIH - 38 - 2	43	210	90	3	-54	-5	3	0	96	
					VS - DIH - 38 - 3	43	210	90	3	-54	-5	3	0	96	
					VS - DIH - 38 - 4	43	210	90	3	-54	-5	3	0	96	
					VS - DIH - 39 - 1	43	240	180	3	-56	-10	3	0	103	
					VS - DIH - 39 - 2	43	240	90	3	-56	-5	3	0	98	
					VS - DIH - 39 - 3	43	235	90	3	-55	-5	3	0	97	
					VS - DIH - 39 - 4	43	240	90	3	-56	-5	3	0	98	
					VS - DIH - 40 - 1	43	245	180	3	-56	-10	3	0	103	
					VS - DIH - 40 - 2	43	245	90	3	-56	-5	3	0	98	
					VS - DIH - 40 - 3	43	240	90	3	-56	-5	3	0	98	
					VS - DIH - 40 - 4	43	245	90	3	-56	-5	3	0	98	
					VS - DIH - 41 - 1	43	215	180	3	-55	-10	3	0	102	
					VS - DIH - 41 - 2	43	200	90	3	-54	-5	3	0	96	
					VS - DIH - 41 - 3	43	185	90	3	-53	-5	3	0	95	
VS - DIH - 41 - 4	43	200	90	3	-54	-5	3	0	96						
VS - DIH - 41 - 5	43	200	0	3	-54	0	3	0	91						
					65										

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
Night-time	C	55	62	55	VS - DIH - 1 - 2	33	275	90	3	-57	-5	3	0	89	
					VS - DIH - 2 - 2	33	250	90	3	-56	-5	3	0	88	
					VS - DIH - 3 - 2	33	230	90	3	-55	-5	3	0	87	
					VS - DIH - 4 - 2	33	205	90	3	-54	-5	3	0	86	
					VS - DIH - 5 - 2	33	190	90	3	-54	-5	3	0	86	
					VS - DIH - 6 - 2	33	155	90	3	-52	-5	3	0	84	
					VS - DIH - 7 - 2	33	95	90	3	-48	-5	3	0	80	
					VS - DIH - 8 - 2	33	95	90	3	-48	-5	3	0	80	
					VS - DIH - 9 - 1	33	145	0	3	-51	0	3	0	78	
					VS - DIH - 9 - 2	33	125	0	3	-50	0	3	0	77	
					VS - DIH - 9 - 3	33	170	90	3	-53	-5	3	0	85	
					VS - DIH - 9 - 4	33	135	90	3	-51	-5	3	0	83	
					VS - DIH - 9 - 5	33	160	0	3	-52	0	3	0	79	
					VS - DIH - 10 - 3	33	70	90	3	-45	-5	3	0	77	
					VS - DIH - 10 - 4	33	65	90	3	-44	-5	3	0	76	
					VS - DIH - 11 - 1	53	5	0	3	-22	0	3	0	69	
					VS - DIH - 11 - 2	33	25	90	3	-36	-5	3	0	68	
					VS - DIH - 11 - 3	33	45	180	3	-41	-10	3	0	78	
					VS - DIH - 11 - 4	33	25	90	3	-36	-5	3	0	68	
					VS - DIH - 26 - 5	33	25	0	3	-36	0	3	0	63	
					VS - DIH - 27 - 5	33	35	0	3	-39	0	3	0	66	
					VS - DIH - 28 - 5	33	45	0	3	-41	0	3	0	68	
					VS - DIH - 29 - 5	33	45	0	3	-41	0	3	0	68	
					VS - DIH - 30 - 5	33	55	0	3	-43	0	3	0	70	
					VS - DIH - 31 - 5	33	65	0	3	-44	0	3	0	71	
					VS - DIH - 32 - 5	33	65	0	3	-44	0	3	0	71	
					VS - DIH - 33 - 1	33	180	180	3	-53	-10	3	0	90	
					VS - DIH - 33 - 2	33	170	180	3	-53	-10	3	0	90	
					VS - DIH - 33 - 3	33	160	90	3	-52	-5	3	0	84	
					VS - DIH - 33 - 4	33	170	90	3	-53	-5	3	0	85	
					VS - DIH - 34 - 5	33	190	0	3	-54	0	3	0	81	
					VS - DIH - 35 - 5	33	190	0	3	-54	0	3	0	81	
					VS - DIH - 36 - 1	33	205	180	3	-54	-10	3	0	91	
					VS - DIH - 36 - 2	33	205	90	3	-54	-5	3	0	86	
					VS - DIH - 36 - 3	33	200	90	3	-54	-5	3	0	86	
					VS - DIH - 36 - 4	33	205	90	3	-54	-5	3	0	86	
					VS - DIH - 37 - 1	33	205	180	3	-54	-10	3	0	91	
					VS - DIH - 37 - 2	33	200	90	3	-54	-5	3	0	86	
					VS - DIH - 37 - 3	33	200	90	3	-54	-5	3	0	86	
					VS - DIH - 37 - 4	33	200	90	3	-54	-5	3	0	86	
					VS - DIH - 38 - 1	33	215	180	3	-55	-10	3	0	92	
					VS - DIH - 38 - 2	33	210	90	3	-54	-5	3	0	86	
					VS - DIH - 38 - 3	33	210	90	3	-54	-5	3	0	86	
					VS - DIH - 38 - 4	33	210	90	3	-54	-5	3	0	86	
					VS - DIH - 39 - 1	33	240	180	3	-56	-10	3	0	93	
					VS - DIH - 39 - 2	33	240	90	3	-56	-5	3	0	88	
					VS - DIH - 39 - 3	33	235	90	3	-55	-5	3	0	87	
					VS - DIH - 39 - 4	33	240	90	3	-56	-5	3	0	88	
					VS - DIH - 40 - 1	33	245	180	3	-56	-10	3	0	93	
					VS - DIH - 40 - 2	33	245	90	3	-56	-5	3	0	88	
					VS - DIH - 40 - 3	33	240	90	3	-56	-5	3	0	88	
					VS - DIH - 40 - 4	33	245	90	3	-56	-5	3	0	88	
					VS - DIH - 41 - 1	33	215	180	3	-55	-10	3	0	92	
					VS - DIH - 41 - 2	33	200	90	3	-54	-5	3	0	86	
					VS - DIH - 41 - 3	33	185	90	3	-53	-5	3	0	85	
VS - DIH - 41 - 4	33	200	90	3	-54	-5	3	0	86						
VS - DIH - 41 - 5	33	200	0	3	-54	0	3	0	81						
					55										

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
DIH-P2-20 (Planned NSR) Daytime	C	65	69	65	VS - DIH - 1 - 2	46	235	180	3	-55	-10	3	0	105	
					VS - DIH - 2 - 2	46	210	180	3	-54	-10	3	0	104	
					VS - DIH - 3 - 2	46	190	180	3	-54	-10	3	0	103	
					VS - DIH - 4 - 2	46	170	180	3	-53	-10	3	0	102	
					VS - DIH - 5 - 2	46	155	180	3	-52	-10	3	0	101	
					VS - DIH - 6 - 2	46	125	180	3	-50	-10	3	0	99	
					VS - DIH - 7 - 2	46	95	180	3	-48	-10	3	0	97	
					VS - DIH - 8 - 2	46	120	180	3	-50	-10	3	0	99	
					VS - DIH - 9 - 1	46	180	90	3	-53	-5	3	0	98	
					VS - DIH - 9 - 2	46	160	90	3	-52	-5	3	0	97	
					VS - DIH - 9 - 3	46	205	180	3	-54	-10	3	0	104	
					VS - DIH - 9 - 4	46	175	90	3	-53	-5	3	0	97	
					VS - DIH - 9 - 5	46	190	0	3	-54	0	3	0	93	
					VS - DIH - 10 - 3	46	240	90	3	-56	-5	3	0	100	
					VS - DIH - 10 - 4	46	235	90	3	-55	-5	3	0	100	
					VS - DIH - 11 - 1	46	180	90	3	-53	-5	3	0	98	
					VS - DIH - 11 - 2	46	200	90	3	-54	-5	3	0	99	
					VS - DIH - 11 - 3	46	220	90	3	-55	-5	3	0	99	
					VS - DIH - 11 - 4	46	200	90	3	-54	-5	3	0	99	
					VS - DIH - 26 - 5	46	30	0	3	-38	0	3	0	77	
					VS - DIH - 27 - 5	56	20	0	3	-34	0	3	0	84	
					VS - DIH - 28 - 5	56	12	0	3	-30	0	3	0	79	
					VS - DIH - 29 - 5	46	25	0	3	-36	0	3	0	75	
					VS - DIH - 30 - 5	46	25	0	3	-36	0	3	0	75	
					VS - DIH - 31 - 5	46	30	0	3	-38	0	3	0	77	
					VS - DIH - 32 - 5	46	25	0	3	-36	0	3	0	75	
					VS - DIH - 33 - 1	46	130	90	3	-50	-5	3	0	95	
					VS - DIH - 33 - 2	46	120	90	3	-50	-5	3	0	94	
					VS - DIH - 33 - 3	46	110	90	3	-49	-5	3	0	93	
					VS - DIH - 33 - 4	46	120	90	3	-50	-5	3	0	94	
					VS - DIH - 34 - 5	46	150	0	3	-52	0	3	0	91	
					VS - DIH - 35 - 5	46	150	0	3	-52	0	3	0	91	
					VS - DIH - 36 - 1	46	165	90	3	-52	-5	3	0	97	
					VS - DIH - 36 - 2	46	160	90	3	-52	-5	3	0	97	
					VS - DIH - 36 - 3	46	160	0	3	-52	0	3	0	92	
					VS - DIH - 36 - 4	46	160	90	3	-52	-5	3	0	97	
					VS - DIH - 37 - 1	46	165	90	3	-52	-5	3	0	97	
					VS - DIH - 37 - 2	46	160	90	3	-52	-5	3	0	97	
					VS - DIH - 37 - 3	56	16	0	3	-32	0	3	0	82	
					VS - DIH - 37 - 4	56	16	90	3	-32	-5	3	0	87	
					VS - DIH - 38 - 1	46	175	90	3	-53	-5	3	0	97	
					VS - DIH - 38 - 2	46	170	90	3	-53	-5	3	0	97	
					VS - DIH - 38 - 3	46	170	0	3	-53	0	3	0	92	
					VS - DIH - 38 - 4	46	170	90	3	-53	-5	3	0	97	
					VS - DIH - 39 - 1	46	200	90	3	-54	-5	3	0	99	
					VS - DIH - 39 - 2	46	195	90	3	-54	-5	3	0	98	
					VS - DIH - 39 - 3	46	195	0	3	-54	0	3	0	93	
					VS - DIH - 39 - 4	46	200	90	3	-54	-5	3	0	99	
					VS - DIH - 40 - 1	46	205	90	3	-54	-5	3	0	99	
					VS - DIH - 40 - 2	46	200	90	3	-54	-5	3	0	99	
VS - DIH - 40 - 3	46	200	0	3	-54	0	3	0	94						
VS - DIH - 40 - 4	46	205	90	3	-54	-5	3	0	99						
VS - DIH - 41 - 1	46	175	90	3	-53	-5	3	0	97						
VS - DIH - 41 - 2	46	155	90	3	-52	-5	3	0	96						
VS - DIH - 41 - 3	46	145	0	3	-51	0	3	0	91						
VS - DIH - 41 - 4	46	160	90	3	-52	-5	3	0	97						
VS - DIH - 41 - 5	46	150	0	3	-52	0	3	0	91						
VS - DIH - 42 - 1	46	300	90	3	-58	-5	3	0	102						
VS - DIH - 42 - 2	46	285	90	3	-57	-5	3	0	102						
VS - DIH - 42 - 3	46	250	0	3	-56	0	3	0	95						
VS - DIH - 42 - 4	46	285	90	3	-57	-5	3	0	102						
VS - DIH - 42 - 5	46	285	0	3	-57	0	3	0	97						
					65										

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
Night-time	C	55	62	55	VS - DIH - 1 - 2	36	235	180	3	-55	-10	3	0	95	
					VS - DIH - 2 - 2	36	210	180	3	-54	-10	3	0	94	
					VS - DIH - 3 - 2	36	190	180	3	-54	-10	3	0	93	
					VS - DIH - 4 - 2	36	170	180	3	-53	-10	3	0	92	
					VS - DIH - 5 - 2	36	155	180	3	-52	-10	3	0	91	
					VS - DIH - 6 - 2	36	125	180	3	-50	-10	3	0	89	
					VS - DIH - 7 - 2	36	95	180	3	-48	-10	3	0	87	
					VS - DIH - 8 - 2	36	120	180	3	-50	-10	3	0	89	
					VS - DIH - 9 - 1	36	180	90	3	-53	-5	3	0	88	
					VS - DIH - 9 - 2	36	160	90	3	-52	-5	3	0	87	
					VS - DIH - 9 - 3	36	205	180	3	-54	-10	3	0	94	
					VS - DIH - 9 - 4	36	175	90	3	-53	-5	3	0	87	
					VS - DIH - 9 - 5	36	190	0	3	-54	0	3	0	83	
					VS - DIH - 10 - 3	36	240	90	3	-56	-5	3	0	90	
					VS - DIH - 10 - 4	36	235	90	3	-55	-5	3	0	90	
					VS - DIH - 11 - 1	36	180	90	3	-53	-5	3	0	88	
					VS - DIH - 11 - 2	36	200	90	3	-54	-5	3	0	89	
					VS - DIH - 11 - 3	36	220	90	3	-55	-5	3	0	89	
					VS - DIH - 11 - 4	36	200	90	3	-54	-5	3	0	89	
					VS - DIH - 26 - 5	36	30	0	3	-38	0	3	0	67	
					VS - DIH - 27 - 5	46	20	0	3	-34	0	3	0	74	
					VS - DIH - 28 - 5	46	12	0	3	-30	0	3	0	69	
					VS - DIH - 29 - 5	36	25	0	3	-36	0	3	0	65	
					VS - DIH - 30 - 5	36	25	0	3	-36	0	3	0	65	
					VS - DIH - 31 - 5	36	30	0	3	-38	0	3	0	67	
					VS - DIH - 32 - 5	36	25	0	3	-36	0	3	0	65	
					VS - DIH - 33 - 1	36	130	90	3	-50	-5	3	0	85	
					VS - DIH - 33 - 2	36	120	90	3	-50	-5	3	0	84	
					VS - DIH - 33 - 3	36	110	90	3	-49	-5	3	0	83	
					VS - DIH - 33 - 4	36	120	90	3	-50	-5	3	0	84	
					VS - DIH - 34 - 5	36	150	0	3	-52	0	3	0	81	
					VS - DIH - 35 - 5	36	150	0	3	-52	0	3	0	81	
					VS - DIH - 36 - 1	36	165	90	3	-52	-5	3	0	87	
					VS - DIH - 36 - 2	36	160	90	3	-52	-5	3	0	87	
					VS - DIH - 36 - 3	36	160	0	3	-52	0	3	0	82	
					VS - DIH - 36 - 4	36	160	90	3	-52	-5	3	0	87	
					VS - DIH - 37 - 1	36	165	90	3	-52	-5	3	0	87	
					VS - DIH - 37 - 2	36	160	90	3	-52	-5	3	0	87	
					VS - DIH - 37 - 3	46	16	0	3	-32	0	3	0	72	
					VS - DIH - 37 - 4	46	16	90	3	-32	-5	3	0	77	
					VS - DIH - 38 - 1	36	175	90	3	-53	-5	3	0	87	
					VS - DIH - 38 - 2	36	170	90	3	-53	-5	3	0	87	
					VS - DIH - 38 - 3	36	170	0	3	-53	0	3	0	82	
					VS - DIH - 38 - 4	36	170	90	3	-53	-5	3	0	87	
					VS - DIH - 39 - 1	36	200	90	3	-54	-5	3	0	89	
					VS - DIH - 39 - 2	36	195	90	3	-54	-5	3	0	88	
					VS - DIH - 39 - 3	36	195	0	3	-54	0	3	0	83	
					VS - DIH - 39 - 4	36	200	90	3	-54	-5	3	0	89	
					VS - DIH - 40 - 1	36	205	90	3	-54	-5	3	0	89	
					VS - DIH - 40 - 2	36	200	90	3	-54	-5	3	0	89	
					VS - DIH - 40 - 3	36	200	0	3	-54	0	3	0	84	
					VS - DIH - 40 - 4	36	205	90	3	-54	-5	3	0	89	
					VS - DIH - 41 - 1	36	175	90	3	-53	-5	3	0	87	
					VS - DIH - 41 - 2	36	155	90	3	-52	-5	3	0	86	
					VS - DIH - 41 - 3	36	145	0	3	-51	0	3	0	81	
VS - DIH - 41 - 4	36	160	90	3	-52	-5	3	0	87						
VS - DIH - 41 - 5	36	150	0	3	-52	0	3	0	81						
VS - DIH - 42 - 1	36	300	90	3	-58	-5	3	0	92						
VS - DIH - 42 - 2	36	285	90	3	-57	-5	3	0	92						
VS - DIH - 42 - 3	36	250	0	3	-56	0	3	0	85						
VS - DIH - 42 - 4	36	285	90	3	-57	-5	3	0	92						
VS - DIH - 42 - 5	36	285	0	3	-57	0	3	0	87						
					55										

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-S (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
DIH-P2-21 (Planned NSR) Daytime	C	65	69	65	VS - DIH - 1 - 2	43	110	180	3	-49	-10	3	0	96	
					VS - DIH - 2 - 2	43	90	180	3	-47	-10	3	0	94	
					VS - DIH - 3 - 2	43	75	180	3	-46	-10	3	0	93	
					VS - DIH - 4 - 2	43	70	180	3	-45	-10	3	0	92	
					VS - DIH - 5 - 2	43	75	180	3	-46	-10	3	0	93	
					VS - DIH - 6 - 2	43	95	180	3	-48	-10	3	0	95	
					VS - DIH - 7 - 2	43	165	180	3	-52	-10	3	0	99	
					VS - DIH - 8 - 2	43	220	180	3	-55	-10	3	0	102	
					VS - DIH - 9 - 1	43	295	90	3	-57	-5	3	0	99	
					VS - DIH - 9 - 2	43	280	90	3	-57	-5	3	0	99	
					VS - DIH - 9 - 4	43	295	90	3	-57	-5	3	0	99	
					VS - DIH - 10 - 3	43	240	90	3	-56	-5	3	0	98	
					VS - DIH - 10 - 4	43	235	90	3	-55	-5	3	0	97	
					VS - DIH - 11 - 1	43	180	0	3	-53	0	3	0	90	
					VS - DIH - 11 - 2	43	200	90	3	-54	-5	3	0	96	
					VS - DIH - 11 - 3	43	220	90	3	-55	-5	3	0	97	
					VS - DIH - 11 - 4	43	200	90	3	-54	-5	3	0	96	
					VS - DIH - 26 - 5	43	155	0	3	-52	0	3	0	89	
					VS - DIH - 27 - 5	43	145	0	3	-51	0	3	0	88	
					VS - DIH - 28 - 5	43	135	0	3	-51	0	3	0	88	
					VS - DIH - 29 - 5	43	135	0	3	-51	0	3	0	88	
					VS - DIH - 30 - 5	43	130	0	3	-50	0	3	0	87	
					VS - DIH - 31 - 5	43	115	0	3	-49	0	3	0	86	
					VS - DIH - 32 - 5	43	115	0	3	-49	0	3	0	86	
					VS - DIH - 33 - 1	53	12	180	3	-30	-10	3	0	86	
					VS - DIH - 33 - 2	63	5	90	3	-22	-5	3	0	83	
					VS - DIH - 33 - 3	53	12	0	3	-30	0	3	0	76	
					VS - DIH - 33 - 4	53	10	180	3	-28	-10	3	0	85	
					VS - DIH - 34 - 5	43	35	0	3	-39	0	3	0	76	
					VS - DIH - 35 - 5	43	30	0	3	-38	0	3	0	75	
					VS - DIH - 36 - 1	43	45	180	3	-41	-10	3	0	88	
					VS - DIH - 36 - 2	43	40	90	3	-40	-5	3	0	82	
					VS - DIH - 36 - 3	43	40	0	3	-40	0	3	0	77	
					VS - DIH - 36 - 4	43	45	90	3	-41	-5	3	0	83	
					VS - DIH - 37 - 1	43	35	180	3	-39	-10	3	0	86	
					VS - DIH - 37 - 2	43	35	90	3	-39	-5	3	0	81	
					VS - DIH - 37 - 3	43	35	0	3	-39	0	3	0	76	
					VS - DIH - 37 - 4	43	40	90	3	-40	-5	3	0	82	
					VS - DIH - 38 - 1	43	45	180	3	-41	-10	3	0	88	
					VS - DIH - 38 - 2	43	45	90	3	-41	-5	3	0	83	
					VS - DIH - 38 - 3	43	40	0	3	-40	0	3	0	77	
					VS - DIH - 38 - 4	43	45	90	3	-41	-5	3	0	83	
					VS - DIH - 39 - 1	43	75	180	3	-46	-10	3	0	93	
					VS - DIH - 39 - 2	43	70	90	3	-45	-5	3	0	87	
					VS - DIH - 39 - 3	43	70	0	3	-45	0	3	0	82	
					VS - DIH - 39 - 4	43	75	90	3	-46	-5	3	0	88	
					VS - DIH - 40 - 1	43	75	180	3	-46	-10	3	0	93	
					VS - DIH - 40 - 2	43	75	90	3	-46	-5	3	0	88	
					VS - DIH - 40 - 3	43	70	0	3	-45	0	3	0	82	
					VS - DIH - 40 - 4	43	75	90	3	-46	-5	3	0	88	
VS - DIH - 41 - 1	43	65	90	3	-44	-5	3	0	86						
VS - DIH - 41 - 2	43	50	0	3	-42	0	3	0	79						
VS - DIH - 41 - 3	43	50	0	3	-42	0	3	0	79						
VS - DIH - 41 - 4	43	70	90	3	-45	-5	3	0	87						
VS - DIH - 41 - 5	43	60	180	3	-44	-10	3	0	91						
VS - DIH - 42 - 1	43	190	90	3	-54	-5	3	0	96						
VS - DIH - 42 - 2	43	155	0	3	-52	0	3	0	89						
VS - DIH - 42 - 3	43	120	90	3	-50	-5	3	0	92						
VS - DIH - 42 - 4	43	155	0	3	-52	0	3	0	89						
VS - DIH - 42 - 5	43	155	0	3	-52	0	3	0	89						
					65										

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
Night-time	C	55	62	55	VS - DIH - 1 - 2	33	110	180	3	-49	-10	3	0	86	
					VS - DIH - 2 - 2	33	90	180	3	-47	-10	3	0	84	
					VS - DIH - 3 - 2	33	75	180	3	-46	-10	3	0	83	
					VS - DIH - 4 - 2	33	70	180	3	-45	-10	3	0	82	
					VS - DIH - 5 - 2	33	75	180	3	-46	-10	3	0	83	
					VS - DIH - 6 - 2	33	95	180	3	-48	-10	3	0	85	
					VS - DIH - 7 - 2	33	165	180	3	-52	-10	3	0	89	
					VS - DIH - 8 - 2	33	220	180	3	-55	-10	3	0	92	
					VS - DIH - 9 - 1	33	295	90	3	-57	-5	3	0	89	
					VS - DIH - 9 - 2	33	280	90	3	-57	-5	3	0	89	
					VS - DIH - 9 - 4	33	295	90	3	-57	-5	3	0	89	
					VS - DIH - 10 - 3	33	240	90	3	-56	-5	3	0	88	
					VS - DIH - 10 - 4	33	235	90	3	-55	-5	3	0	87	
					VS - DIH - 11 - 1	33	180	0	3	-53	0	3	0	80	
					VS - DIH - 11 - 2	33	200	90	3	-54	-5	3	0	86	
					VS - DIH - 11 - 3	33	220	90	3	-55	-5	3	0	87	
					VS - DIH - 11 - 4	33	200	90	3	-54	-5	3	0	86	
					VS - DIH - 26 - 5	33	155	0	3	-52	0	3	0	79	
					VS - DIH - 27 - 5	33	145	0	3	-51	0	3	0	78	
					VS - DIH - 28 - 5	33	135	0	3	-51	0	3	0	78	
					VS - DIH - 29 - 5	33	135	0	3	-51	0	3	0	78	
					VS - DIH - 30 - 5	33	130	0	3	-50	0	3	0	77	
					VS - DIH - 31 - 5	33	115	0	3	-49	0	3	0	76	
					VS - DIH - 32 - 5	33	115	0	3	-49	0	3	0	76	
					VS - DIH - 33 - 1	43	12	180	3	-30	-10	3	0	76	
					VS - DIH - 33 - 2	53	5	90	3	-22	-5	3	0	73	
					VS - DIH - 33 - 3	43	12	0	3	-30	0	3	0	66	
					VS - DIH - 33 - 4	43	10	180	3	-28	-10	3	0	75	
					VS - DIH - 34 - 5	33	35	0	3	-39	0	3	0	66	
					VS - DIH - 35 - 5	33	30	0	3	-38	0	3	0	65	
					VS - DIH - 36 - 1	33	45	180	3	-41	-10	3	0	78	
					VS - DIH - 36 - 2	33	40	90	3	-40	-5	3	0	72	
					VS - DIH - 36 - 3	33	40	0	3	-40	0	3	0	67	
					VS - DIH - 36 - 4	33	45	90	3	-41	-5	3	0	73	
					VS - DIH - 37 - 1	33	35	180	3	-39	-10	3	0	76	
					VS - DIH - 37 - 2	33	35	90	3	-39	-5	3	0	71	
					VS - DIH - 37 - 3	33	35	0	3	-39	0	3	0	66	
					VS - DIH - 37 - 4	33	40	90	3	-40	-5	3	0	72	
					VS - DIH - 38 - 1	33	45	180	3	-41	-10	3	0	78	
					VS - DIH - 38 - 2	33	45	90	3	-41	-5	3	0	73	
					VS - DIH - 38 - 3	33	40	0	3	-40	0	3	0	67	
					VS - DIH - 38 - 4	33	45	90	3	-41	-5	3	0	73	
					VS - DIH - 39 - 1	33	75	180	3	-46	-10	3	0	83	
					VS - DIH - 39 - 2	33	70	90	3	-45	-5	3	0	77	
					VS - DIH - 39 - 3	33	70	0	3	-45	0	3	0	72	
					VS - DIH - 39 - 4	33	75	90	3	-46	-5	3	0	78	
					VS - DIH - 40 - 1	33	75	180	3	-46	-10	3	0	83	
					VS - DIH - 40 - 2	33	75	90	3	-46	-5	3	0	78	
					VS - DIH - 40 - 3	33	70	0	3	-45	0	3	0	72	
					VS - DIH - 40 - 4	33	75	90	3	-46	-5	3	0	78	
					VS - DIH - 41 - 1	33	65	90	3	-44	-5	3	0	76	
					VS - DIH - 41 - 2	33	50	0	3	-42	0	3	0	69	
					VS - DIH - 41 - 3	33	50	0	3	-42	0	3	0	69	
					VS - DIH - 41 - 4	33	70	90	3	-45	-5	3	0	77	
					VS - DIH - 41 - 5	33	60	180	3	-44	-10	3	0	81	
VS - DIH - 42 - 1	33	190	90	3	-54	-5	3	0	86						
VS - DIH - 42 - 2	33	155	0	3	-52	0	3	0	79						
VS - DIH - 42 - 3	33	120	90	3	-50	-5	3	0	82						
VS - DIH - 42 - 4	33	155	0	3	-52	0	3	0	79						
VS - DIH - 42 - 5	33	155	0	3	-52	0	3	0	79						
					55										

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation			Corrections, dB(A)				Permissible SWL, dB(A)	Remarks
		ANL-S (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int		
DIH-P2-22 (Planned NSR) Daytime	C	65	69	65	VS - DIH - 1 - 2	43	125	180	3	-50	-10	3	0	97	
					VS - DIH - 2 - 2	43	105	180	3	-48	-10	3	0	95	
					VS - DIH - 3 - 2	43	90	180	3	-47	-10	3	0	94	
					VS - DIH - 4 - 2	43	85	180	3	-47	-10	3	0	94	
					VS - DIH - 5 - 2	43	85	180	3	-47	-10	3	0	94	
					VS - DIH - 6 - 2	43	95	180	3	-48	-10	3	0	95	
					VS - DIH - 7 - 2	43	155	180	3	-52	-10	3	0	99	
					VS - DIH - 8 - 2	43	210	180	3	-54	-10	3	0	101	
					VS - DIH - 9 - 1	43	280	90	3	-57	-5	3	0	99	
					VS - DIH - 9 - 2	43	265	90	3	-56	-5	3	0	98	
					VS - DIH - 9 - 3	43	300	180	3	-58	-10	3	0	105	
					VS - DIH - 9 - 4	43	280	90	3	-57	-5	3	0	99	
					VS - DIH - 9 - 5	43	295	0	3	-57	0	3	0	94	
					VS - DIH - 10 - 3	43	220	180	3	-55	-10	3	0	102	
					VS - DIH - 10 - 4	43	215	90	3	-55	-5	3	0	97	
					VS - DIH - 11 - 1	43	160	0	3	-52	0	3	0	89	
					VS - DIH - 11 - 2	43	180	0	3	-53	0	3	0	90	
					VS - DIH - 11 - 3	43	200	90	3	-54	-5	3	0	96	
					VS - DIH - 11 - 4	43	180	90	3	-53	-5	3	0	95	
					VS - DIH - 26 - 5	43	135	0	3	-51	0	3	0	88	
					VS - DIH - 27 - 5	43	125	0	3	-50	0	3	0	87	
					VS - DIH - 28 - 5	43	115	0	3	-49	0	3	0	86	
					VS - DIH - 29 - 5	43	120	0	3	-50	0	3	0	87	
					VS - DIH - 30 - 5	43	110	0	3	-49	0	3	0	86	
					VS - DIH - 31 - 5	43	100	0	3	-48	0	3	0	85	
					VS - DIH - 32 - 5	43	95	0	3	-48	0	3	0	85	
					VS - DIH - 33 - 1	43	25	180	3	-36	-10	3	0	83	
					VS - DIH - 33 - 2	53	15	90	3	-32	-5	3	0	84	
					VS - DIH - 33 - 3	63	5	0	3	-22	0	3	0	78	
					VS - DIH - 33 - 4	53	15	90	3	-32	-5	3	0	84	
					VS - DIH - 34 - 5	43	45	0	3	-41	0	3	0	78	
					VS - DIH - 35 - 5	43	40	0	3	-40	0	3	0	77	
					VS - DIH - 36 - 1	43	55	90	3	-43	-5	3	0	85	
					VS - DIH - 36 - 2	43	55	0	3	-43	0	3	0	80	
					VS - DIH - 36 - 3	43	50	0	3	-42	0	3	0	79	
					VS - DIH - 36 - 4	43	55	90	3	-43	-5	3	0	85	
					VS - DIH - 37 - 1	43	50	90	3	-42	-5	3	0	84	
					VS - DIH - 37 - 2	43	45	0	3	-41	0	3	0	78	
					VS - DIH - 37 - 3	43	45	0	3	-41	0	3	0	78	
					VS - DIH - 37 - 4	43	50	90	3	-42	-5	3	0	84	
					VS - DIH - 38 - 1	43	60	90	3	-44	-5	3	0	86	
					VS - DIH - 38 - 2	43	60	0	3	-44	0	3	0	81	
					VS - DIH - 38 - 3	43	55	0	3	-43	0	3	0	80	
					VS - DIH - 38 - 4	43	60	90	3	-44	-5	3	0	86	
					VS - DIH - 39 - 1	43	90	90	3	-47	-5	3	0	89	
					VS - DIH - 39 - 2	43	85	0	3	-47	0	3	0	84	
					VS - DIH - 39 - 3	43	85	0	3	-47	0	3	0	84	
					VS - DIH - 39 - 4	43	85	90	3	-47	-5	3	0	89	
					VS - DIH - 40 - 1	43	90	90	3	-47	-5	3	0	89	
					VS - DIH - 40 - 2	43	90	0	3	-47	0	3	0	84	
VS - DIH - 40 - 3	43	85	0	3	-47	0	3	0	84						
VS - DIH - 40 - 4	43	90	90	3	-47	-5	3	0	89						
VS - DIH - 41 - 1	43	75	90	3	-46	-5	3	0	88						
VS - DIH - 41 - 2	43	55	0	3	-43	0	3	0	80						
VS - DIH - 41 - 3	43	50	0	3	-42	0	3	0	79						
VS - DIH - 41 - 4	43	70	90	3	-45	-5	3	0	87						
VS - DIH - 41 - 5	43	60	0	3	-44	0	3	0	81						
VS - DIH - 42 - 1	43	215	180	3	-55	-10	3	0	102						
VS - DIH - 42 - 2	43	175	90	3	-53	-5	3	0	95						
VS - DIH - 42 - 3	43	135	0	3	-51	0	3	0	88						
VS - DIH - 42 - 4	43	170	90	3	-53	-5	3	0	95						
VS - DIH - 42 - 5	43	170	0	3	-53	0	3	0	90						
					65										

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-S (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
Night-time	C	55	62	55	VS - DIH - 1 - 2	33	125	180	3	-50	-10	3	0	87	
					VS - DIH - 2 - 2	33	105	180	3	-48	-10	3	0	85	
					VS - DIH - 3 - 2	33	90	180	3	-47	-10	3	0	84	
					VS - DIH - 4 - 2	33	85	180	3	-47	-10	3	0	84	
					VS - DIH - 5 - 2	33	85	180	3	-47	-10	3	0	84	
					VS - DIH - 6 - 2	33	95	180	3	-48	-10	3	0	85	
					VS - DIH - 7 - 2	33	155	180	3	-52	-10	3	0	89	
					VS - DIH - 8 - 2	33	210	180	3	-54	-10	3	0	91	
					VS - DIH - 9 - 1	33	280	90	3	-57	-5	3	0	89	
					VS - DIH - 9 - 2	33	265	90	3	-56	-5	3	0	88	
					VS - DIH - 9 - 3	33	300	180	3	-58	-10	3	0	95	
					VS - DIH - 9 - 4	33	280	90	3	-57	-5	3	0	89	
					VS - DIH - 9 - 5	33	295	0	3	-57	0	3	0	84	
					VS - DIH - 10 - 3	33	220	180	3	-55	-10	3	0	92	
					VS - DIH - 10 - 4	33	215	90	3	-55	-5	3	0	87	
					VS - DIH - 11 - 1	33	160	0	3	-52	0	3	0	79	
					VS - DIH - 11 - 2	33	180	0	3	-53	0	3	0	80	
					VS - DIH - 11 - 3	33	200	90	3	-54	-5	3	0	86	
					VS - DIH - 11 - 4	33	180	90	3	-53	-5	3	0	85	
					VS - DIH - 26 - 5	33	135	0	3	-51	0	3	0	78	
					VS - DIH - 27 - 5	33	125	0	3	-50	0	3	0	77	
					VS - DIH - 28 - 5	33	115	0	3	-49	0	3	0	76	
					VS - DIH - 29 - 5	33	120	0	3	-50	0	3	0	77	
					VS - DIH - 30 - 5	33	110	0	3	-49	0	3	0	76	
					VS - DIH - 31 - 5	33	100	0	3	-48	0	3	0	75	
					VS - DIH - 32 - 5	33	95	0	3	-48	0	3	0	75	
					VS - DIH - 33 - 1	33	25	180	3	-36	-10	3	0	73	
					VS - DIH - 33 - 2	43	15	90	3	-32	-5	3	0	74	
					VS - DIH - 33 - 3	53	5	0	3	-22	0	3	0	68	
					VS - DIH - 33 - 4	43	15	90	3	-32	-5	3	0	74	
					VS - DIH - 34 - 5	33	45	0	3	-41	0	3	0	68	
					VS - DIH - 35 - 5	33	40	0	3	-40	0	3	0	67	
					VS - DIH - 36 - 1	33	55	90	3	-43	-5	3	0	75	
					VS - DIH - 36 - 2	33	55	0	3	-43	0	3	0	70	
					VS - DIH - 36 - 3	33	50	0	3	-42	0	3	0	69	
					VS - DIH - 36 - 4	33	55	90	3	-43	-5	3	0	75	
					VS - DIH - 37 - 1	33	50	90	3	-42	-5	3	0	74	
					VS - DIH - 37 - 2	33	45	0	3	-41	0	3	0	68	
					VS - DIH - 37 - 3	33	45	0	3	-41	0	3	0	68	
					VS - DIH - 37 - 4	33	50	90	3	-42	-5	3	0	74	
					VS - DIH - 38 - 1	33	60	90	3	-44	-5	3	0	76	
					VS - DIH - 38 - 2	33	60	0	3	-44	0	3	0	71	
					VS - DIH - 38 - 3	33	55	0	3	-43	0	3	0	70	
					VS - DIH - 38 - 4	33	60	90	3	-44	-5	3	0	76	
					VS - DIH - 39 - 1	33	90	90	3	-47	-5	3	0	79	
					VS - DIH - 39 - 2	33	85	0	3	-47	0	3	0	74	
					VS - DIH - 39 - 3	33	85	0	3	-47	0	3	0	74	
					VS - DIH - 39 - 4	33	85	90	3	-47	-5	3	0	79	
					VS - DIH - 40 - 1	33	90	90	3	-47	-5	3	0	79	
					VS - DIH - 40 - 2	33	90	0	3	-47	0	3	0	74	
VS - DIH - 40 - 3	33	85	0	3	-47	0	3	0	74						
VS - DIH - 40 - 4	33	90	90	3	-47	-5	3	0	79						
VS - DIH - 41 - 1	33	75	90	3	-46	-5	3	0	78						
VS - DIH - 41 - 2	33	55	0	3	-43	0	3	0	70						
VS - DIH - 41 - 3	33	50	0	3	-42	0	3	0	69						
VS - DIH - 41 - 4	33	70	90	3	-45	-5	3	0	77						
VS - DIH - 41 - 5	33	60	0	3	-44	0	3	0	71						
VS - DIH - 42 - 1	33	215	180	3	-55	-10	3	0	92						
VS - DIH - 42 - 2	33	175	90	3	-53	-5	3	0	85						
VS - DIH - 42 - 3	33	135	0	3	-51	0	3	0	78						
VS - DIH - 42 - 4	33	170	90	3	-53	-5	3	0	85						
VS - DIH - 42 - 5	33	170	0	3	-53	0	3	0	80						
					55										

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 Title : Maximum allowable SWL for Ventilation Shaft at Diamond Hill Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-S (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
DIH-P2-23 (Planned NSR) Daytime	C	65	69	65	VS - DIH - 1 - 2	43	100	180	3	-48	-10	3	0	95	
					VS - DIH - 2 - 2	43	80	180	3	-46	-10	3	0	93	
					VS - DIH - 3 - 2	43	70	180	3	-45	-10	3	0	91	
					VS - DIH - 4 - 2	43	70	180	3	-45	-10	3	0	91	
					VS - DIH - 5 - 2	43	80	180	3	-46	-10	3	0	93	
					VS - DIH - 6 - 2	43	105	180	3	-48	-10	3	0	95	
					VS - DIH - 7 - 2	43	185	180	3	-53	-10	3	0	100	
					VS - DIH - 8 - 2	43	240	180	3	-56	-10	3	0	102	
					VS - DIH - 10 - 3	43	250	90	3	-56	-5	3	0	97	
					VS - DIH - 10 - 4	43	250	90	3	-56	-5	3	0	97	
					VS - DIH - 11 - 1	43	190	0	3	-54	0	3	0	90	
					VS - DIH - 11 - 2	43	210	0	3	-54	0	3	0	91	
					VS - DIH - 11 - 3	43	230	90	3	-55	-5	3	0	97	
					VS - DIH - 11 - 4	43	210	90	3	-54	-5	3	0	96	
					VS - DIH - 26 - 5	43	170	0	3	-53	0	3	0	89	
					VS - DIH - 27 - 5	43	160	0	3	-52	0	3	0	89	
					VS - DIH - 28 - 5	43	145	0	3	-51	0	3	0	88	
					VS - DIH - 29 - 5	43	150	0	3	-52	0	3	0	88	
					VS - DIH - 30 - 5	43	140	0	3	-51	0	3	0	87	
					VS - DIH - 31 - 5	43	130	0	3	-50	0	3	0	87	
					VS - DIH - 32 - 5	43	130	0	3	-50	0	3	0	87	
					VS - DIH - 33 - 1	63	5	0	3	-22	0	3	0	78	
					VS - DIH - 33 - 2	53	15	90	3	-32	-5	3	0	83	
					VS - DIH - 33 - 3	43	25	180	3	-36	-10	3	0	82	
					VS - DIH - 33 - 4	53	15	90	3	-32	-5	3	0	83	
					VS - DIH - 34 - 5	53	25	0	3	-36	0	3	0	83	
					VS - DIH - 35 - 5	53	20	0	3	-34	0	3	0	81	
					VS - DIH - 36 - 1	43	30	90	3	-38	-5	3	0	79	
					VS - DIH - 36 - 2	43	25	90	3	-36	-5	3	0	77	
					VS - DIH - 36 - 3	43	25	90	3	-36	-5	3	0	77	
					VS - DIH - 36 - 4	43	30	90	3	-38	-5	3	0	79	
					VS - DIH - 37 - 1	43	25	90	3	-36	-5	3	0	77	
					VS - DIH - 37 - 2	43	20	90	3	-34	-5	3	0	76	
					VS - DIH - 37 - 3	43	20	90	3	-34	-5	3	0	76	
					VS - DIH - 37 - 4	43	25	90	3	-36	-5	3	0	77	
					VS - DIH - 38 - 1	43	30	90	3	-38	-5	3	0	79	
					VS - DIH - 38 - 2	43	25	90	3	-36	-5	3	0	77	
					VS - DIH - 38 - 3	43	25	90	3	-36	-5	3	0	77	
					VS - DIH - 38 - 4	43	30	90	3	-38	-5	3	0	79	
					VS - DIH - 39 - 1	43	60	90	3	-44	-5	3	0	85	
					VS - DIH - 39 - 2	43	55	90	3	-43	-5	3	0	84	
					VS - DIH - 39 - 3	43	55	90	3	-43	-5	3	0	84	
					VS - DIH - 39 - 4	43	60	90	3	-44	-5	3	0	85	
					VS - DIH - 40 - 1	43	60	90	3	-44	-5	3	0	85	
					VS - DIH - 40 - 2	43	60	90	3	-44	-5	3	0	85	
					VS - DIH - 40 - 3	43	55	90	3	-43	-5	3	0	84	
					VS - DIH - 40 - 4	43	60	90	3	-44	-5	3	0	85	
					VS - DIH - 41 - 1	43	55	90	3	-43	-5	3	0	84	
					VS - DIH - 41 - 2	43	40	90	3	-40	-5	3	0	82	
					VS - DIH - 41 - 3	43	45	90	3	-41	-5	3	0	83	
					VS - DIH - 41 - 4	43	60	90	3	-44	-5	3	0	85	
					VS - DIH - 41 - 5	43	50	0	3	-42	0	3	0	78	
					VS - DIH - 42 - 1	43	180	180	3	-53	-10	3	0	100	
					VS - DIH - 42 - 2	43	145	90	3	-51	-5	3	0	93	
					VS - DIH - 42 - 3	43	105	90	3	-48	-5	3	0	90	
VS - DIH - 42 - 4	43	140	90	3	-51	-5	3	0	92						
VS - DIH - 42 - 5	43	140	0	3	-51	0	3	0	87						
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 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
Night-time	C	55	62	55	VS - DIH - 1 - 2	33	100	180	3	-48	-10	3	0	85	
					VS - DIH - 2 - 2	33	80	180	3	-46	-10	3	0	83	
					VS - DIH - 3 - 2	33	70	180	3	-45	-10	3	0	81	
					VS - DIH - 4 - 2	33	70	180	3	-45	-10	3	0	81	
					VS - DIH - 5 - 2	33	80	180	3	-46	-10	3	0	83	
					VS - DIH - 6 - 2	33	105	180	3	-48	-10	3	0	85	
					VS - DIH - 7 - 2	33	185	180	3	-53	-10	3	0	90	
					VS - DIH - 8 - 2	33	240	180	3	-56	-10	3	0	92	
					VS - DIH - 10 - 3	33	250	90	3	-56	-5	3	0	87	
					VS - DIH - 10 - 4	33	250	90	3	-56	-5	3	0	87	
					VS - DIH - 11 - 1	33	190	0	3	-54	0	3	0	80	
					VS - DIH - 11 - 2	33	210	0	3	-54	0	3	0	81	
					VS - DIH - 11 - 3	33	230	90	3	-55	-5	3	0	87	
					VS - DIH - 11 - 4	33	210	90	3	-54	-5	3	0	86	
					VS - DIH - 26 - 5	33	170	0	3	-53	0	3	0	79	
					VS - DIH - 27 - 5	33	160	0	3	-52	0	3	0	79	
					VS - DIH - 28 - 5	33	145	0	3	-51	0	3	0	78	
					VS - DIH - 29 - 5	33	150	0	3	-52	0	3	0	78	
					VS - DIH - 30 - 5	33	140	0	3	-51	0	3	0	77	
					VS - DIH - 31 - 5	33	130	0	3	-50	0	3	0	77	
					VS - DIH - 32 - 5	33	130	0	3	-50	0	3	0	77	
					VS - DIH - 33 - 1	53	5	0	3	-22	0	3	0	68	
					VS - DIH - 33 - 2	43	15	90	3	-32	-5	3	0	73	
					VS - DIH - 33 - 3	33	25	180	3	-36	-10	3	0	72	
					VS - DIH - 33 - 4	43	15	90	3	-32	-5	3	0	73	
					VS - DIH - 34 - 5	43	25	0	3	-36	0	3	0	73	
					VS - DIH - 35 - 5	43	20	0	3	-34	0	3	0	71	
					VS - DIH - 36 - 1	33	30	90	3	-38	-5	3	0	69	
					VS - DIH - 36 - 2	33	25	90	3	-36	-5	3	0	67	
					VS - DIH - 36 - 3	33	25	90	3	-36	-5	3	0	67	
					VS - DIH - 36 - 4	33	30	90	3	-38	-5	3	0	69	
					VS - DIH - 37 - 1	33	25	90	3	-36	-5	3	0	67	
					VS - DIH - 37 - 2	33	20	90	3	-34	-5	3	0	66	
					VS - DIH - 37 - 3	33	20	90	3	-34	-5	3	0	66	
					VS - DIH - 37 - 4	33	25	90	3	-36	-5	3	0	67	
					VS - DIH - 38 - 1	33	30	90	3	-38	-5	3	0	69	
					VS - DIH - 38 - 2	33	25	90	3	-36	-5	3	0	67	
					VS - DIH - 38 - 3	33	25	90	3	-36	-5	3	0	67	
					VS - DIH - 38 - 4	33	30	90	3	-38	-5	3	0	69	
					VS - DIH - 39 - 1	33	60	90	3	-44	-5	3	0	75	
					VS - DIH - 39 - 2	33	55	90	3	-43	-5	3	0	74	
					VS - DIH - 39 - 3	33	55	90	3	-43	-5	3	0	74	
					VS - DIH - 39 - 4	33	60	90	3	-44	-5	3	0	75	
					VS - DIH - 40 - 1	33	60	90	3	-44	-5	3	0	75	
					VS - DIH - 40 - 2	33	60	90	3	-44	-5	3	0	75	
					VS - DIH - 40 - 3	33	55	90	3	-43	-5	3	0	74	
					VS - DIH - 40 - 4	33	60	90	3	-44	-5	3	0	75	
					VS - DIH - 41 - 1	33	55	90	3	-43	-5	3	0	74	
					VS - DIH - 41 - 2	33	40	90	3	-40	-5	3	0	72	
					VS - DIH - 41 - 3	33	45	90	3	-41	-5	3	0	73	
					VS - DIH - 41 - 4	33	60	90	3	-44	-5	3	0	75	
					VS - DIH - 41 - 5	33	50	0	3	-42	0	3	0	68	
					VS - DIH - 42 - 1	33	180	180	3	-53	-10	3	0	90	
					VS - DIH - 42 - 2	33	145	90	3	-51	-5	3	0	83	
					VS - DIH - 42 - 3	33	105	90	3	-48	-5	3	0	80	
VS - DIH - 42 - 4	33	140	90	3	-51	-5	3	0	82						
VS - DIH - 42 - 5	33	140	0	3	-51	0	3	0	77						
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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
DIH-P2-24 (Planned NSR) Daytime	C	65	69	65	VS - DIH - 1 - 2	45	75	180	3	-46	-10	3	0	95	
					VS - DIH - 2 - 2	45	65	180	3	-44	-10	3	0	93	
					VS - DIH - 3 - 2	45	65	180	3	-44	-10	3	0	93	
					VS - DIH - 4 - 2	45	80	180	3	-46	-10	3	0	95	
					VS - DIH - 5 - 2	45	95	180	3	-48	-10	3	0	97	
					VS - DIH - 6 - 2	45	125	180	3	-50	-10	3	0	99	
					VS - DIH - 7 - 2	45	260	90	3	-56	-5	3	0	100	
					VS - DIH - 8 - 2	45	265	90	3	-56	-5	3	0	100	
					VS - DIH - 10 - 3	45	280	90	3	-57	-5	3	0	101	
					VS - DIH - 10 - 4	45	275	90	3	-57	-5	3	0	101	
					VS - DIH - 11 - 1	45	220	0	3	-55	0	3	0	94	
					VS - DIH - 11 - 2	45	240	0	3	-56	0	3	0	95	
					VS - DIH - 11 - 3	45	260	90	3	-56	-5	3	0	100	
					VS - DIH - 11 - 4	45	240	90	3	-56	-5	3	0	100	
					VS - DIH - 26 - 5	45	200	0	3	-54	0	3	0	93	
					VS - DIH - 27 - 5	45	185	0	3	-53	0	3	0	92	
					VS - DIH - 28 - 5	45	175	0	3	-53	0	3	0	92	
					VS - DIH - 29 - 5	45	180	0	3	-53	0	3	0	92	
					VS - DIH - 30 - 5	45	170	0	3	-53	0	3	0	92	
					VS - DIH - 31 - 5	45	165	0	3	-52	0	3	0	91	
					VS - DIH - 32 - 5	45	155	0	3	-52	0	3	0	91	
					VS - DIH - 33 - 1	45	40	90	3	-40	-5	3	0	84	
					VS - DIH - 33 - 2	45	45	90	3	-41	-5	3	0	85	
					VS - DIH - 33 - 3	45	55	180	3	-43	-10	3	0	92	
					VS - DIH - 33 - 4	45	45	90	3	-41	-5	3	0	85	
					VS - DIH - 34 - 5	45	35	0	3	-39	0	3	0	78	
					VS - DIH - 35 - 5	45	30	0	3	-38	0	3	0	77	
					VS - DIH - 36 - 1	45	25	90	3	-36	-5	3	0	80	
					VS - DIH - 36 - 2	45	25	0	3	-36	0	3	0	75	
					VS - DIH - 36 - 3	45	25	90	3	-36	-5	3	0	80	
					VS - DIH - 36 - 4	45	25	180	3	-36	-10	3	0	85	
					VS - DIH - 37 - 1	55	18	90	3	-33	-5	3	0	87	
					VS - DIH - 37 - 2	55	18	0	3	-33	0	3	0	82	
					VS - DIH - 37 - 3	45	21	90	3	-34	-5	3	0	78	
					VS - DIH - 37 - 4	45	20	180	3	-34	-10	3	0	83	
					VS - DIH - 38 - 1	55	12	90	3	-30	-5	3	0	84	
					VS - DIH - 38 - 2	55	12	0	3	-30	0	3	0	79	
					VS - DIH - 38 - 3	55	14	90	3	-31	-5	3	0	85	
					VS - DIH - 38 - 4	55	14	180	3	-31	-10	3	0	90	
					VS - DIH - 39 - 1	45	31	90	3	-38	-5	3	0	82	
					VS - DIH - 39 - 2	45	27	0	3	-37	0	3	0	76	
					VS - DIH - 39 - 3	45	29	90	3	-37	-5	3	0	81	
					VS - DIH - 39 - 4	45	32	180	3	-38	-10	3	0	87	
					VS - DIH - 40 - 1	45	33	90	3	-38	-5	3	0	82	
					VS - DIH - 40 - 2	45	30	0	3	-38	0	3	0	77	
					VS - DIH - 40 - 3	45	30	90	3	-38	-5	3	0	82	
					VS - DIH - 40 - 4	45	33	180	3	-38	-10	3	0	87	
					VS - DIH - 41 - 1	45	50	90	3	-42	-5	3	0	86	
					VS - DIH - 41 - 2	45	40	0	3	-40	0	3	0	79	
					VS - DIH - 41 - 3	45	55	90	3	-43	-5	3	0	87	
					VS - DIH - 41 - 4	45	60	180	3	-44	-10	3	0	93	
					VS - DIH - 41 - 5	45	50	0	3	-42	0	3	0	81	
					VS - DIH - 42 - 1	45	150	180	3	-52	-10	3	0	101	
					VS - DIH - 42 - 2	45	115	180	3	-49	-10	3	0	98	
					VS - DIH - 42 - 3	45	80	180	3	-46	-10	3	0	95	
VS - DIH - 42 - 4	45	115	180	3	-49	-10	3	0	98						
VS - DIH - 42 - 5	45	115	0	3	-49	0	3	0	88						
					65										

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-S (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
Night-time	C	55	62	55	VS - DIH - 1 - 2	35	75	180	3	-46	-10	3	0	85	
					VS - DIH - 2 - 2	35	65	180	3	-44	-10	3	0	83	
					VS - DIH - 3 - 2	35	65	180	3	-44	-10	3	0	83	
					VS - DIH - 4 - 2	35	80	180	3	-46	-10	3	0	85	
					VS - DIH - 5 - 2	35	95	180	3	-48	-10	3	0	87	
					VS - DIH - 6 - 2	35	125	180	3	-50	-10	3	0	89	
					VS - DIH - 7 - 2	35	260	90	3	-56	-5	3	0	90	
					VS - DIH - 8 - 2	35	265	90	3	-56	-5	3	0	90	
					VS - DIH - 10 - 3	35	280	90	3	-57	-5	3	0	91	
					VS - DIH - 10 - 4	35	275	90	3	-57	-5	3	0	91	
					VS - DIH - 11 - 1	35	220	0	3	-55	0	3	0	84	
					VS - DIH - 11 - 2	35	240	0	3	-56	0	3	0	85	
					VS - DIH - 11 - 3	35	260	90	3	-56	-5	3	0	90	
					VS - DIH - 11 - 4	35	240	90	3	-56	-5	3	0	90	
					VS - DIH - 26 - 5	35	200	0	3	-54	0	3	0	83	
					VS - DIH - 27 - 5	35	185	0	3	-53	0	3	0	82	
					VS - DIH - 28 - 5	35	175	0	3	-53	0	3	0	82	
					VS - DIH - 29 - 5	35	180	0	3	-53	0	3	0	82	
					VS - DIH - 30 - 5	35	170	0	3	-53	0	3	0	82	
					VS - DIH - 31 - 5	35	165	0	3	-52	0	3	0	81	
					VS - DIH - 32 - 5	35	155	0	3	-52	0	3	0	81	
					VS - DIH - 33 - 1	35	40	90	3	-40	-5	3	0	74	
					VS - DIH - 33 - 2	35	45	90	3	-41	-5	3	0	75	
					VS - DIH - 33 - 3	35	55	180	3	-43	-10	3	0	82	
					VS - DIH - 33 - 4	35	45	90	3	-41	-5	3	0	75	
					VS - DIH - 34 - 5	35	35	0	3	-39	0	3	0	68	
					VS - DIH - 35 - 5	35	30	0	3	-38	0	3	0	67	
					VS - DIH - 36 - 1	35	25	90	3	-36	-5	3	0	70	
					VS - DIH - 36 - 2	35	25	0	3	-36	0	3	0	65	
					VS - DIH - 36 - 3	35	25	90	3	-36	-5	3	0	70	
					VS - DIH - 36 - 4	35	25	180	3	-36	-10	3	0	75	
					VS - DIH - 37 - 1	45	18	90	3	-33	-5	3	0	77	
					VS - DIH - 37 - 2	45	18	0	3	-33	0	3	0	72	
					VS - DIH - 37 - 3	35	21	90	3	-34	-5	3	0	68	
					VS - DIH - 37 - 4	35	20	180	3	-34	-10	3	0	73	
					VS - DIH - 38 - 1	45	12	90	3	-30	-5	3	0	74	
					VS - DIH - 38 - 2	45	12	0	3	-30	0	3	0	69	
					VS - DIH - 38 - 3	45	14	90	3	-31	-5	3	0	75	
					VS - DIH - 38 - 4	45	14	180	3	-31	-10	3	0	80	
					VS - DIH - 39 - 1	35	31	90	3	-38	-5	3	0	72	
					VS - DIH - 39 - 2	35	27	0	3	-37	0	3	0	66	
					VS - DIH - 39 - 3	35	29	90	3	-37	-5	3	0	71	
					VS - DIH - 39 - 4	35	32	180	3	-38	-10	3	0	77	
					VS - DIH - 40 - 1	35	33	90	3	-38	-5	3	0	72	
					VS - DIH - 40 - 2	35	30	0	3	-38	0	3	0	67	
					VS - DIH - 40 - 3	35	30	90	3	-38	-5	3	0	72	
					VS - DIH - 40 - 4	35	33	180	3	-38	-10	3	0	77	
					VS - DIH - 41 - 1	35	50	90	3	-42	-5	3	0	76	
					VS - DIH - 41 - 2	35	40	0	3	-40	0	3	0	69	
					VS - DIH - 41 - 3	35	55	90	3	-43	-5	3	0	77	
					VS - DIH - 41 - 4	35	60	180	3	-44	-10	3	0	83	
					VS - DIH - 41 - 5	35	50	0	3	-42	0	3	0	71	
					VS - DIH - 42 - 1	35	150	180	3	-52	-10	3	0	91	
					VS - DIH - 42 - 2	35	115	180	3	-49	-10	3	0	88	
					VS - DIH - 42 - 3	35	80	180	3	-46	-10	3	0	85	
VS - DIH - 42 - 4	35	115	180	3	-49	-10	3	0	88						
VS - DIH - 42 - 5	35	115	0	3	-49	0	3	0	78						
					55										

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Noise Sources	Daytime	Night-time
VS - DIH - 1 - 2	85	75
VS - DIH - 2 - 2	89	79
VS - DIH - 3 - 2	89	79
VS - DIH - 4 - 2	91	81
VS - DIH - 5 - 2	87	77
VS - DIH - 6 - 2	84	74
VS - DIH - 7 - 2	90	80
VS - DIH - 8 - 2	88	78
VS - DIH - 9 - 1	79	69
VS - DIH - 9 - 2	80	70
VS - DIH - 9 - 3	84	75
VS - DIH - 9 - 4	82	72
VS - DIH - 9 - 5	77	67
VS - DIH - 10 - 3	79	69
VS - DIH - 10 - 4	81	71
VS - DIH - 11 - 1	79	69
VS - DIH - 11 - 2	78	68
VS - DIH - 11 - 3	75	65
VS - DIH - 11 - 4	78	68
VS - DIH - 26 - 5	73	63
VS - DIH - 27 - 5	76	66
VS - DIH - 28 - 5	78	68
VS - DIH - 29 - 5	75	65
VS - DIH - 30 - 5	75	65
VS - DIH - 31 - 5	77	67
VS - DIH - 32 - 5	75	65
VS - DIH - 33 - 1	78	68
VS - DIH - 33 - 2	83	73
VS - DIH - 33 - 3	76	66
VS - DIH - 33 - 4	83	73
VS - DIH - 34 - 5	76	66
VS - DIH - 35 - 5	75	65
VS - DIH - 36 - 1	79	69
VS - DIH - 36 - 2	75	65
VS - DIH - 36 - 3	77	67
VS - DIH - 36 - 4	79	69
VS - DIH - 37 - 1	77	67
VS - DIH - 37 - 2	76	66
VS - DIH - 37 - 3	76	66
VS - DIH - 37 - 4	77	67
VS - DIH - 38 - 1	79	69
VS - DIH - 38 - 2	77	67
VS - DIH - 38 - 3	77	67
VS - DIH - 38 - 4	79	69
VS - DIH - 39 - 1	81	71
VS - DIH - 39 - 2	76	66
VS - DIH - 39 - 3	81	71
VS - DIH - 39 - 4	85	75
VS - DIH - 40 - 1	80	70
VS - DIH - 40 - 2	77	67
VS - DIH - 40 - 3	82	72
VS - DIH - 40 - 4	85	75
VS - DIH - 41 - 1	75	65
VS - DIH - 41 - 2	79	69
VS - DIH - 41 - 3	79	69
VS - DIH - 41 - 4	85	75
VS - DIH - 41 - 5	78	68
VS - DIH - 42 - 1	86	76
VS - DIH - 42 - 2	82	72
VS - DIH - 42 - 3	77	67
VS - DIH - 42 - 4	83	73
VS - DIH - 42 - 5	77	67

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)					Permissible SWL, dB(A)	Remarks							
		ANL-5	Prevailing	Design			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int									
		(a)	(b)	(c) = min of (a) & (b)																		
KAT-P1-1 (Planned NSR)	Daytime	B	60	70	60	VS - KAT - 1 - 1	47	205	0	3	-54	0	3	0	95							
						VS - KAT - 1 - 4	47	210	90	3	-54	-5	3	0	100							
						VS - KAT - 1 - 5	47	205	0	3	-54	0	3	0	95							
						VS - KAT - 2 - 1	47	195	0	3	-54	0	3	0	94							
						VS - KAT - 2 - 2	47	190	0	3	-54	0	3	0	94							
						VS - KAT - 2 - 3	47	190	180	3	-54	-10	3	0	104							
						VS - KAT - 2 - 4	47	185	90	3	-53	-5	3	0	99							
						VS - KAT - 2 - 5	47	185	0	3	-53	0	3	0	94							
						VS - KAT - 3 - 5	47	115	0	3	-49	0	3	0	90							
						VS - KAT - 4 - 5	47	110	0	3	-49	0	3	0	89							
						VS - KAT - 5 - 1	47	105	0	3	-48	0	3	0	89							
						VS - KAT - 5 - 2	47	100	0	3	-48	0	3	0	89							
						VS - KAT - 5 - 3	47	105	90	3	-48	-5	3	0	94							
						VS - KAT - 5 - 5	47	105	0	3	-48	0	3	0	89							
						VS - KAT - 6 - 1	47	105	0	3	-48	0	3	0	89							
						VS - KAT - 6 - 3	47	105	90	3	-48	-5	3	0	94							
						VS - KAT - 6 - 4	47	105	180	3	-48	-10	3	0	99							
						VS - KAT - 6 - 5	47	105	0	3	-48	0	3	0	89							
						VS - KAT - 7 - 1	47	95	0	3	-48	0	3	0	88							
						VS - KAT - 7 - 2	47	115	0	3	-49	0	3	0	90							
						VS - KAT - 7 - 3	47	140	90	3	-51	-5	3	0	96							
						VS - KAT - 7 - 4	47	120	180	3	-50	-10	3	0	100							
						VS - KAT - 7 - 5	47	115	0	3	-49	0	3	0	90							
											60											
						Night-time	B	50	56	50	VS - KAT - 1 - 1	37	205	0	3	-54	0	3	0	85		
											VS - KAT - 1 - 4	37	210	90	3	-54	-5	3	0	90		
											VS - KAT - 1 - 5	37	205	0	3	-54	0	3	0	85		
											VS - KAT - 2 - 1	37	195	0	3	-54	0	3	0	84		
	VS - KAT - 2 - 2	37	190	0	3						-54	0	3	0	84							
	VS - KAT - 2 - 3	37	190	180	3						-54	-10	3	0	94							
	VS - KAT - 2 - 4	37	185	90	3						-53	-5	3	0	89							
	VS - KAT - 2 - 5	37	185	0	3						-53	0	3	0	84							
	VS - KAT - 3 - 5	37	115	0	3						-49	0	3	0	80							
	VS - KAT - 4 - 5	37	110	0	3						-49	0	3	0	79							
	VS - KAT - 5 - 1	37	105	0	3						-48	0	3	0	79							
	VS - KAT - 5 - 2	37	100	0	3						-48	0	3	0	79							
	VS - KAT - 5 - 3	37	105	90	3						-48	-5	3	0	84							
	VS - KAT - 5 - 5	37	105	0	3						-48	0	3	0	79							
	VS - KAT - 6 - 1	37	105	0	3						-48	0	3	0	79							
	VS - KAT - 6 - 3	37	105	90	3						-48	-5	3	0	84							
	VS - KAT - 6 - 4	37	105	180	3						-48	-10	3	0	89							
	VS - KAT - 6 - 5	37	105	0	3						-48	0	3	0	79							
	VS - KAT - 7 - 1	37	95	0	3						-48	0	3	0	78							
	VS - KAT - 7 - 2	37	115	0	3						-49	0	3	0	80							
	VS - KAT - 7 - 3	37	140	90	3						-51	-5	3	0	86							
	VS - KAT - 7 - 4	37	120	180	3	-50	-10	3	0	90												
	VS - KAT - 7 - 5	37	115	0	3	-49	0	3	0	80												
						50																

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 Title : Maximum allowable SWL for Ventilation Shaft at Kai Tak Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int
KAT-P1-3 (Planned NSR)	Daytime	B	60	70	60	47	205	180	3	-54	-10	3	0	105	
							210	90	3	-54	-5	3	0	100	
							205	0	3	-54	0	3	0	95	
							195	180	3	-54	-10	3	0	104	
							190	0	3	-54	0	3	0	94	
							190	0	3	-54	0	3	0	94	
							185	90	3	-53	-5	3	0	99	
							185	0	3	-53	0	3	0	94	
							115	0	3	-49	0	3	0	90	
							110	0	3	-49	0	3	0	89	
							105	180	3	-48	-10	3	0	99	
							100	90	3	-48	-5	3	0	94	
							105	0	3	-48	0	3	0	89	
							105	0	3	-48	0	3	0	89	
							105	180	3	-48	-10	3	0	99	
							105	0	3	-48	0	3	0	89	
							105	90	3	-48	-5	3	0	94	
	105	0	3	-48	0	3	0	89							
	225	180	3	-55	-10	3	0	106							
	195	0	3	-54	0	3	0	94							
	170	0	3	-53	0	3	0	93							
	200	90	3	-54	-5	3	0	100							
	200	0	3	-54	0	3	0	95							
						60									
	Night-time	B	50	56	50	37	205	180	3	-54	-10	3	0	95	
							210	90	3	-54	-5	3	0	90	
							205	0	3	-54	0	3	0	85	
							195	180	3	-54	-10	3	0	94	
							190	0	3	-54	0	3	0	84	
							190	0	3	-54	0	3	0	84	
							185	90	3	-53	-5	3	0	89	
							185	0	3	-53	0	3	0	84	
							115	0	3	-49	0	3	0	80	
							110	0	3	-49	0	3	0	79	
							105	180	3	-48	-10	3	0	89	
100							90	3	-48	-5	3	0	84		
105							0	3	-48	0	3	0	79		
105							0	3	-48	0	3	0	79		
105							180	3	-48	-10	3	0	89		
105							0	3	-48	0	3	0	79		
105							90	3	-48	-5	3	0	84		
105							0	3	-48	0	3	0	79		
225	180	3	-55	-10	3	0	96								
195	0	3	-54	0	3	0	84								
170	0	3	-53	0	3	0	83								
200	90	3	-54	-5	3	0	90								
200	0	3	-54	0	3	0	85								
					50										

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks																										
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int																									
KAT-P1-4 (Planned NSR)	Daytime	B	60	70	60	47	205	90	3	-54	-5	3	0	100																										
																VS - KAT - 1 - 4	47	210	0	3	-54	0	3	0	95															
																VS - KAT - 1 - 5	47	205	0	3	-54	0	3	0	95															
																VS - KAT - 2 - 1	47	195	90	3	-54	-5	3	0	99															
																VS - KAT - 2 - 2	47	190	180	3	-54	-10	3	0	104															
																VS - KAT - 2 - 3	47	190	90	3	-54	-5	3	0	99															
																VS - KAT - 2 - 4	47	185	0	3	-53	0	3	0	94															
																VS - KAT - 2 - 5	47	185	0	3	-53	0	3	0	94															
																VS - KAT - 3 - 5	47	115	0	3	-49	0	3	0	90															
																VS - KAT - 4 - 5	47	110	0	3	-49	0	3	0	89															
																VS - KAT - 5 - 1	47	105	180	3	-48	-10	3	0	99															
																VS - KAT - 5 - 2	47	100	90	3	-48	-5	3	0	94															
																VS - KAT - 5 - 3	47	105	0	3	-48	0	3	0	89															
																VS - KAT - 5 - 5	47	105	0	3	-48	0	3	0	89															
																VS - KAT - 6 - 1	47	105	180	3	-48	-10	3	0	99															
																VS - KAT - 6 - 3	47	105	0	3	-48	0	3	0	89															
																VS - KAT - 6 - 4	47	105	0	3	-48	0	3	0	89															
																VS - KAT - 6 - 5	47	105	0	3	-48	0	3	0	89															
																VS - KAT - 7 - 1	47	155	90	3	-52	-5	3	0	97															
																VS - KAT - 7 - 2	47	135	180	3	-51	-10	3	0	101															
																VS - KAT - 7 - 3	47	115	0	3	-49	0	3	0	90															
																VS - KAT - 7 - 4	47	125	0	3	-50	0	3	0	90															
																VS - KAT - 7 - 5	47	135	0	3	-51	0	3	0	91															
																					60																			
																Night-time	B	50	56	50	37	205	90	3	-54	-5	3	0	90											
																															VS - KAT - 1 - 4	37	210	0	3	-54	0	3	0	85
																															VS - KAT - 1 - 5	37	205	0	3	-54	0	3	0	85
																															VS - KAT - 2 - 1	37	195	90	3	-54	-5	3	0	89
	VS - KAT - 2 - 2	37	190	180	3	-54	-10	3	0	94																														
	VS - KAT - 2 - 3	37	190	90	3	-54	-5	3	0	89																														
	VS - KAT - 2 - 4	37	185	0	3	-53	0	3	0	84																														
	VS - KAT - 2 - 5	37	185	0	3	-53	0	3	0	84																														
	VS - KAT - 3 - 5	37	115	0	3	-49	0	3	0	80																														
	VS - KAT - 4 - 5	37	110	0	3	-49	0	3	0	79																														
	VS - KAT - 5 - 1	37	105	180	3	-48	-10	3	0	89																														
	VS - KAT - 5 - 2	37	100	90	3	-48	-5	3	0	84																														
	VS - KAT - 5 - 3	37	105	0	3	-48	0	3	0	79																														
	VS - KAT - 5 - 5	37	105	0	3	-48	0	3	0	79																														
	VS - KAT - 6 - 1	37	105	180	3	-48	-10	3	0	89																														
	VS - KAT - 6 - 3	37	105	0	3	-48	0	3	0	79																														
	VS - KAT - 6 - 4	37	105	0	3	-48	0	3	0	79																														
	VS - KAT - 6 - 5	37	105	0	3	-48	0	3	0	79																														
	VS - KAT - 7 - 1	37	155	90	3	-52	-5	3	0	87																														
	VS - KAT - 7 - 2	37	135	180	3	-51	-10	3	0	91																														
	VS - KAT - 7 - 3	37	115	0	3	-49	0	3	0	80																														
	VS - KAT - 7 - 4	37	125	0	3	-50	0	3	0	80																														
	VS - KAT - 7 - 5	37	135	0	3	-51	0	3	0	81																														
						50																																		

Noise Sources	Daytime	Night-time
VS - KAT - 1 - 1	95	85
VS - KAT - 1 - 4	95	85
VS - KAT - 1 - 5	95	85
VS - KAT - 2 - 1	94	84
VS - KAT - 2 - 2	94	84
VS - KAT - 2 - 3	94	84
VS - KAT - 2 - 4	94	84
VS - KAT - 2 - 5	94	84
VS - KAT - 3 - 5	90	80
VS - KAT - 4 - 5	89	79
VS - KAT - 5 - 1	89	79
VS - KAT - 5 - 2	89	79
VS - KAT - 5 - 3	89	79
VS - KAT - 5 - 5	89	79
VS - KAT - 6 - 1	89	79
VS - KAT - 6 - 3	89	79
VS - KAT - 6 - 4	89	79
VS - KAT - 6 - 5	89	79
VS - KAT - 7 - 1	88	78
VS - KAT - 7 - 2	84	74
VS - KAT - 7 - 3	90	80
VS - KAT - 7 - 4	90	80
VS - KAT - 7 - 5	85	75

Project : SCL - Tai Wai to Hung Hom Section
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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)					Permissible SWL, dB(A)	Remarks	
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int			
MTW-19-1 (Church)	Daytime	C	65	66	65	VS - TKW - 2 - 2	55	125	180	3	-50	-10	3	0	109	
						VS - TKW - 2 - 4	55	115	0	3	-49	0	3	0	98	
						VS - TKW - 3 - 2	55	120	180	3	-50	-10	3	0	109	
						VS - TKW - 3 - 4	55	110	0	3	-49	0	3	0	98	
						VS - TKW - 3 - 5	55	115	0	3	-49	0	3	0	98	
						VS - TKW - 4 - 1	55	170	180	3	-53	-10	3	0	112	
						VS - TKW - 4 - 2	55	165	90	3	-52	-5	3	0	106	
						VS - TKW - 4 - 3	55	160	0	3	-52	0	3	0	101	
						VS - TKW - 4 - 4	55	165	90	3	-52	-5	3	0	106	
						VS - TKW - 4 - 5	55	165	0	3	-52	0	3	0	101	
						65										
	Night-time	C	55	61	55	VS - TKW - 2 - 2	45	125	180	3	-50	-10	3	0	99	No activities during night-time
						VS - TKW - 2 - 4	45	115	0	3	-49	0	3	0	88	No activities during night-time
						VS - TKW - 3 - 2	45	120	180	3	-50	-10	3	0	99	No activities during night-time
						VS - TKW - 3 - 4	45	110	0	3	-49	0	3	0	88	No activities during night-time
						VS - TKW - 3 - 5	45	115	0	3	-49	0	3	0	88	No activities during night-time
						VS - TKW - 4 - 1	45	170	180	3	-53	-10	3	0	102	No activities during night-time
						VS - TKW - 4 - 2	45	165	90	3	-52	-5	3	0	96	No activities during night-time
						VS - TKW - 4 - 3	45	160	0	3	-52	0	3	0	91	No activities during night-time
						VS - TKW - 4 - 4	45	165	90	3	-52	-5	3	0	96	No activities during night-time
VS - TKW - 4 - 5						45	165	0	3	-52	0	3	0	91	No activities during night-time	
					55											
TKW-1-1 (Residential Building)	Daytime	C	65	66	65	VS - TKW - 2 - 2	58	190	90	3	-54	-5	3	0	111	
						VS - TKW - 2 - 4	58	190	90	3	-54	-5	3	0	111	
						VS - TKW - 3 - 2	58	165	90	3	-52	-5	3	0	109	
						VS - TKW - 3 - 4	58	165	90	3	-52	-5	3	0	109	
						VS - TKW - 3 - 5	58	165	0	3	-52	0	3	0	104	
						65										
	Night-time	C	55	61	55	VS - TKW - 2 - 2	48	190	90	3	-54	-5	3	0	101	
						VS - TKW - 2 - 4	48	190	90	3	-54	-5	3	0	101	
						VS - TKW - 3 - 2	48	165	90	3	-52	-5	3	0	99	
						VS - TKW - 3 - 4	48	165	90	3	-52	-5	3	0	99	
VS - TKW - 3 - 5						48	165	0	3	-52	0	3	0	94		
					55											
TKW-P1-1 (Planned NSR)	Daytime	B	60	66	60	VS - TKW - 1 - 1	53	45	90	3	-41	-5	3	0	93	
						VS - TKW - 1 - 2	53	30	0	3	-38	0	3	0	85	
						VS - TKW - 1 - 3	53	50	90	3	-42	-5	3	0	94	
						VS - TKW - 1 - 4	53	65	180	3	-44	-10	3	0	101	
						VS - TKW - 1 - 5	53	45	0	3	-41	0	3	0	88	
						60										
	Night-time	B	50	61	50	VS - TKW - 1 - 1	43	45	90	3	-41	-5	3	0	83	
						VS - TKW - 1 - 2	43	30	0	3	-38	0	3	0	75	
						VS - TKW - 1 - 3	43	50	90	3	-42	-5	3	0	84	
						VS - TKW - 1 - 4	43	65	180	3	-44	-10	3	0	91	
VS - TKW - 1 - 5						43	45	0	3	-41	0	3	0	78		
					50											
MTW-6-1 (Residential Building)	Daytime	C	65	66	65	VS - TKW - 2 - 2	58	205	90	3	-54	-5	3	0	111	
						VS - TKW - 2 - 4	58	200	0	3	-54	0	3	0	106	
						VS - TKW - 3 - 2	58	185	90	3	-53	-5	3	0	110	
						VS - TKW - 3 - 4	58	185	0	3	-53	0	3	0	105	
						VS - TKW - 3 - 5	58	185	0	3	-53	0	3	0	105	
						65										
	Night-time	C	55	61	55	VS - TKW - 2 - 2	48	205	90	3	-54	-5	3	0	101	
						VS - TKW - 2 - 4	48	200	0	3	-54	0	3	0	96	
						VS - TKW - 3 - 2	48	185	90	3	-53	-5	3	0	100	
						VS - TKW - 3 - 4	48	185	0	3	-53	0	3	0	95	
VS - TKW - 3 - 5						48	185	0	3	-53	0	3	0	95		
					55											
TKW-3-2 (Residential Building)	Daytime	B	60	67	60	VS - TKW - 4 - 1	53	100	0	3	-48	0	3	0	95	
						VS - TKW - 4 - 2	53	105	90	3	-48	-5	3	0	100	
						VS - TKW - 4 - 3	53	110	90	3	-49	-5	3	0	101	
						VS - TKW - 4 - 4	53	100	0	3	-48	0	3	0	95	
						VS - TKW - 4 - 5	53	105	0	3	-48	0	3	0	95	
						60										
	Night-time	B	50	61	50	VS - TKW - 4 - 1	43	100	0	3	-48	0	3	0	85	
						VS - TKW - 4 - 2	43	105	90	3	-48	-5	3	0	90	
						VS - TKW - 4 - 3	43	110	90	3	-49	-5	3	0	91	
						VS - TKW - 4 - 4	43	100	0	3	-48	0	3	0	85	
VS - TKW - 4 - 5						43	105	0	3	-48	0	3	0	85		
					50											

Project : SCL - Tai Wai to Hung Hom Section
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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks			
		ANL-5 (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int		
TKW-3-1 (Residential Building)	Daytime	B	60	67	60	VS - TKW - 4 - 1	53	140	0	3	-51	0	3	0	98		
						VS - TKW - 4 - 2	53	145	90	3	-51	-5	3	0	103		
						VS - TKW - 4 - 3	53	155	180	3	-52	-10	3	0	109		
						VS - TKW - 4 - 4	53	150	90	3	-52	-5	3	0	104		
						VS - TKW - 4 - 5	53	150	0	3	-52	0	3	0	99		
	Night-time	B	50	61	50		60										
						VS - TKW - 4 - 1	43	140	0	3	-51	0	3	0	88		
						VS - TKW - 4 - 2	43	145	90	3	-51	-5	3	0	93		
						VS - TKW - 4 - 3	43	155	180	3	-52	-10	3	0	99		
						VS - TKW - 4 - 4	43	150	90	3	-52	-5	3	0	94		
					43	150	0	3	-52	0	3	0	89				
					50												

Noise Sources	Daytime	Night-time
VS - TKW - 1 - 1	93	83
VS - TKW - 1 - 2	85	75
VS - TKW - 1 - 3	94	84
VS - TKW - 1 - 4	101	91
VS - TKW - 1 - 5	88	78
VS - TKW - 2 - 2	109	101
VS - TKW - 2 - 4	98	96
VS - TKW - 3 - 2	109	99
VS - TKW - 3 - 4	98	95
VS - TKW - 3 - 5	98	94
VS - TKW - 4 - 1	95	85
VS - TKW - 4 - 2	100	90
VS - TKW - 4 - 3	101	91
VS - TKW - 4 - 4	95	85
VS - TKW - 4 - 5	95	85

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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation			Corrections, dB(A)				Permissible SWL, dB(A)	Remarks	
		ANL-S (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int			
MTW-16-1 (Educational Building)	Daytime	B	60	69	60	VS - MTW - 1 - 1	49	50	0	3	-42	0	3	0	85	
						VS - MTW - 1 - 2	49	55	90	3	-43	-5	3	0	91	
						VS - MTW - 1 - 3	49	60	180	3	-44	-10	3	0	97	
						VS - MTW - 1 - 4	49	50	0	3	-42	0	3	0	85	
						VS - MTW - 1 - 5	49	55	0	3	-43	0	3	0	86	
						VS - MTW - 2 - 1	49	270	0	3	-57	0	3	0	100	
						VS - MTW - 2 - 2	49	275	90	3	-57	-5	3	0	105	
						VS - MTW - 2 - 3	49	280	180	3	-57	-10	3	0	110	
						VS - MTW - 2 - 4	49	275	90	3	-57	-5	3	0	105	
						VS - MTW - 2 - 5	49	280	0	3	-57	0	3	0	100	
						VS - MTW - 3 - 1	49	290	0	3	-57	0	3	0	100	
						VS - MTW - 3 - 2	49	295	90	3	-57	-5	3	0	105	
						VS - MTW - 3 - 3	49	300	180	3	-58	-10	3	0	111	
						VS - MTW - 3 - 4	49	295	90	3	-57	-5	3	0	105	
						60										
	Night-time	B	50	56	50	VS - MTW - 1 - 1	39	50	0	3	-42	0	3	0	75	No school activities during night-time
						VS - MTW - 1 - 2	39	55	90	3	-43	-5	3	0	81	No school activities during night-time
						VS - MTW - 1 - 3	39	60	180	3	-44	-10	3	0	87	No school activities during night-time
						VS - MTW - 1 - 4	39	50	0	3	-42	0	3	0	75	No school activities during night-time
						VS - MTW - 1 - 5	39	55	0	3	-43	0	3	0	76	No school activities during night-time
						VS - MTW - 2 - 1	39	270	0	3	-57	0	3	0	90	No school activities during night-time
						VS - MTW - 2 - 2	39	275	90	3	-57	-5	3	0	95	No school activities during night-time
						VS - MTW - 2 - 3	39	280	180	3	-57	-10	3	0	100	No school activities during night-time
						VS - MTW - 2 - 4	39	275	90	3	-57	-5	3	0	95	No school activities during night-time
						VS - MTW - 2 - 5	39	280	0	3	-57	0	3	0	90	No school activities during night-time
						VS - MTW - 3 - 1	39	290	0	3	-57	0	3	0	90	No school activities during night-time
VS - MTW - 3 - 2						39	295	90	3	-57	-5	3	0	95	No school activities during night-time	
VS - MTW - 3 - 3	39	300	180	3	-58	-10	3	0	101	No school activities during night-time						
VS - MTW - 3 - 4	39	295	90	3	-57	-5	3	0	95	No school activities during night-time						
					50											
MTW-12-3 (Residential Building)	Daytime	B	60	69	60	VS - MTW - 1 - 1	53	85	90	3	-47	-5	3	0	98	
						VS - MTW - 1 - 2	53	95	180	3	-48	-10	3	0	104	
						VS - MTW - 1 - 3	53	90	90	3	-47	-5	3	0	99	
						VS - MTW - 1 - 4	53	80	0	3	-46	0	3	0	93	
						VS - MTW - 1 - 5	53	90	0	3	-47	0	3	0	94	
						VS - MTW - 2 - 1	53	295	0	3	-57	0	3	0	104	
											60					
	Night-time	B	50	56	50	VS - MTW - 1 - 1	43	85	90	3	-47	-5	3	0	88	
						VS - MTW - 1 - 2	43	95	180	3	-48	-10	3	0	94	
						VS - MTW - 1 - 3	43	90	90	3	-47	-5	3	0	89	
						VS - MTW - 1 - 4	43	80	0	3	-46	0	3	0	83	
						VS - MTW - 1 - 5	43	90	0	3	-47	0	3	0	84	
						VS - MTW - 2 - 1	43	295	0	3	-57	0	3	0	94	
											50					
MTW-12-4 (Residential Building)	Daytime	B	60	69	60	VS - MTW - 1 - 1	49	55	90	3	-43	-5	3	0	91	
						VS - MTW - 1 - 2	49	65	180	3	-44	-10	3	0	97	
						VS - MTW - 1 - 3	49	60	90	3	-44	-5	3	0	92	
						VS - MTW - 1 - 4	49	50	0	3	-42	0	3	0	85	
						VS - MTW - 1 - 5	49	55	0	3	-43	0	3	0	86	
						VS - MTW - 2 - 1	49	255	0	3	-56	0	3	0	99	
						VS - MTW - 2 - 2	49	265	90	3	-56	-5	3	0	104	
						VS - MTW - 2 - 3	49	270	90	3	-57	-5	3	0	105	
						VS - MTW - 2 - 4	49	260	0	3	-56	0	3	0	99	
						VS - MTW - 2 - 5	49	265	0	3	-56	0	3	0	99	
						VS - MTW - 3 - 1	49	275	0	3	-57	0	3	0	100	
						VS - MTW - 3 - 2	49	285	90	3	-57	-5	3	0	105	
						VS - MTW - 3 - 3	49	290	90	3	-57	-5	3	0	105	
						VS - MTW - 3 - 4	49	280	0	3	-57	0	3	0	100	
						60										
	Night-time	B	50	56	50	VS - MTW - 1 - 1	39	55	90	3	-43	-5	3	0	81	
						VS - MTW - 1 - 2	39	65	180	3	-44	-10	3	0	87	
						VS - MTW - 1 - 3	39	60	90	3	-44	-5	3	0	82	
						VS - MTW - 1 - 4	39	50	0	3	-42	0	3	0	75	
						VS - MTW - 1 - 5	39	55	0	3	-43	0	3	0	76	
						VS - MTW - 2 - 1	39	255	0	3	-56	0	3	0	89	
						VS - MTW - 2 - 2	39	265	90	3	-56	-5	3	0	94	
						VS - MTW - 2 - 3	39	270	90	3	-57	-5	3	0	95	
						VS - MTW - 2 - 4	39	260	0	3	-56	0	3	0	89	
						VS - MTW - 2 - 5	39	265	0	3	-56	0	3	0	89	
						VS - MTW - 3 - 1	39	275	0	3	-57	0	3	0	90	
VS - MTW - 3 - 2						39	285	90	3	-57	-5	3	0	95		
VS - MTW - 3 - 3	39	290	90	3	-57	-5	3	0	95							
VS - MTW - 3 - 4	39	280	0	3	-57	0	3	0	90							
					50											

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Ma Tau Wai Station
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Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation		Corrections, dB(A)				Permissible SWL, dB(A)	Remarks		
		ANL-S (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton			Int	
MTW-12-10 (Residential Building) Kiang Su Street Facade	Daytime	B	60	69	60	VS - MTW - 1 - 1	49	140	180	3	-51	-10	3	0	104	
						VS - MTW - 1 - 2	49	135	90	3	-51	-5	3	0	99	
						VS - MTW - 1 - 3	49	125	0	3	-50	0	3	0	93	
						VS - MTW - 1 - 4	49	135	90	3	-51	-5	3	0	99	
						VS - MTW - 1 - 5	49	130	0	3	-50	0	3	0	93	
						VS - MTW - 2 - 1	49	105	0	3	-48	0	3	0	91	
						VS - MTW - 2 - 2	49	110	90	3	-49	-5	3	0	97	
						VS - MTW - 2 - 3	49	115	180	3	-49	-10	3	0	102	
						VS - MTW - 2 - 4	49	105	90	3	-48	-5	3	0	96	
						VS - MTW - 2 - 5	49	110	0	3	-49	0	3	0	92	
	VS - MTW - 3 - 1	49	120	0	3	-50	0	3	0	93						
	VS - MTW - 3 - 2	49	130	90	3	-50	-5	3	0	98						
	VS - MTW - 3 - 3	49	135	180	3	-51	-10	3	0	104						
	VS - MTW - 3 - 4	49	125	90	3	-50	-5	3	0	98						
						60										
	Night-time	B	50	56	50	VS - MTW - 1 - 1	39	140	180	3	-51	-10	3	0	94	
						VS - MTW - 1 - 2	39	135	90	3	-51	-5	3	0	89	
						VS - MTW - 1 - 3	39	125	0	3	-50	0	3	0	83	
						VS - MTW - 1 - 4	39	135	90	3	-51	-5	3	0	89	
						VS - MTW - 1 - 5	39	130	0	3	-50	0	3	0	83	
VS - MTW - 2 - 1						39	105	0	3	-48	0	3	0	81		
VS - MTW - 2 - 2						39	110	90	3	-49	-5	3	0	87		
VS - MTW - 2 - 3						39	115	180	3	-49	-10	3	0	92		
VS - MTW - 2 - 4						39	105	90	3	-48	-5	3	0	86		
VS - MTW - 2 - 5						39	110	0	3	-49	0	3	0	82		
VS - MTW - 3 - 1	39	120	0	3	-50	0	3	0	83							
VS - MTW - 3 - 2	39	130	90	3	-50	-5	3	0	88							
VS - MTW - 3 - 3	39	135	180	3	-51	-10	3	0	94							
VS - MTW - 3 - 4	39	125	90	3	-50	-5	3	0	88							
					50											
MTW-12-5 (Residential Building)	Daytime	B	60	70	60	VS - MTW - 1 - 1	49	225	180	3	-55	-10	3	0	108	
						VS - MTW - 1 - 2	49	215	90	3	-55	-5	3	0	103	
						VS - MTW - 1 - 3	49	210	0	3	-54	0	3	0	97	
						VS - MTW - 1 - 4	49	220	90	3	-55	-5	3	0	103	
						VS - MTW - 1 - 5	49	215	0	3	-55	0	3	0	98	
						VS - MTW - 2 - 1	49	50	90	3	-42	-5	3	0	90	
						VS - MTW - 2 - 2	49	55	180	3	-43	-10	3	0	96	
						VS - MTW - 2 - 3	49	50	90	3	-42	-5	3	0	90	
						VS - MTW - 2 - 4	49	45	0	3	-41	0	3	0	84	
						VS - MTW - 2 - 5	49	50	0	3	-42	0	3	0	85	
	VS - MTW - 3 - 1	49	55	0	3	-43	0	3	0	86						
	VS - MTW - 3 - 2	49	60	90	3	-44	-5	3	0	92						
	VS - MTW - 3 - 3	49	60	90	3	-44	-5	3	0	92						
	VS - MTW - 3 - 4	49	55	0	3	-43	0	3	0	86						
						60										
	Night-time	B	50	65	50	VS - MTW - 1 - 1	39	225	180	3	-55	-10	3	0	98	
						VS - MTW - 1 - 2	39	215	90	3	-55	-5	3	0	93	
						VS - MTW - 1 - 3	39	210	0	3	-54	0	3	0	87	
						VS - MTW - 1 - 4	39	220	90	3	-55	-5	3	0	93	
						VS - MTW - 1 - 5	39	215	0	3	-55	0	3	0	88	
VS - MTW - 2 - 1						39	50	90	3	-42	-5	3	0	80		
VS - MTW - 2 - 2						39	55	180	3	-43	-10	3	0	86		
VS - MTW - 2 - 3						39	50	90	3	-42	-5	3	0	80		
VS - MTW - 2 - 4						39	45	0	3	-41	0	3	0	74		
VS - MTW - 2 - 5						39	50	0	3	-42	0	3	0	75		
VS - MTW - 3 - 1	39	55	0	3	-43	0	3	0	76							
VS - MTW - 3 - 2	39	60	90	3	-44	-5	3	0	82							
VS - MTW - 3 - 3	39	60	90	3	-44	-5	3	0	82							
VS - MTW - 3 - 4	39	55	0	3	-43	0	3	0	76							
					50											
MTW-12-10 (Residential Building) Braemar Facade	Daytime	B	60	69	60	VS - MTW - 1 - 1	49	95	180	3	-48	-10	3	0	101	
						VS - MTW - 1 - 2	49	90	90	3	-47	-5	3	0	95	
						VS - MTW - 1 - 3	49	85	0	3	-47	0	3	0	90	
						VS - MTW - 1 - 4	49	90	90	3	-47	-5	3	0	95	
						VS - MTW - 1 - 5	49	90	0	3	-47	0	3	0	90	
						VS - MTW - 2 - 1	49	150	0	3	-52	0	3	0	95	
						VS - MTW - 2 - 2	49	155	90	3	-52	-5	3	0	100	
						VS - MTW - 2 - 3	49	160	90	3	-52	-5	3	0	100	
						VS - MTW - 2 - 4	49	155	0	3	-52	0	3	0	95	
						VS - MTW - 2 - 5	49	155	0	3	-52	0	3	0	95	
	VS - MTW - 3 - 1	49	165	0	3	-52	0	3	0	95						
	VS - MTW - 3 - 2	49	175	90	3	-53	-5	3	0	101						
	VS - MTW - 3 - 3	49	180	90	3	-53	-5	3	0	101						
	VS - MTW - 3 - 4	49	175	0	3	-53	0	3	0	96						
						60										
	Night-time	B	50	56	50	VS - MTW - 1 - 1	39	95	180	3	-48	-10	3	0	91	
						VS - MTW - 1 - 2	39	90	90	3	-47	-5	3	0	85	
						VS - MTW - 1 - 3	39	85	0	3	-47	0	3	0	80	
						VS - MTW - 1 - 4	39	90	90	3	-47	-5	3	0	85	
						VS - MTW - 1 - 5	39	90	0	3	-47	0	3	0	80	
VS - MTW - 2 - 1						39	150	0	3	-52	0	3	0	85		
VS - MTW - 2 - 2						39	155	90	3	-52	-5	3	0	90		
VS - MTW - 2 - 3						39	160	90	3	-52	-5	3	0	90		
VS - MTW - 2 - 4						39	155	0	3	-52	0	3	0	85		
VS - MTW - 2 - 5						39	155	0	3	-52	0	3	0	85		
VS - MTW - 3 - 1	39	165	0	3	-52	0	3	0	85							
VS - MTW - 3 - 2	39	175	90	3	-53	-5	3	0	91							
VS - MTW - 3 - 3	39	180	90	3	-53	-5	3	0	91							
VS - MTW - 3 - 4	39	175	0	3	-53	0	3	0	86							
					50											

Project : SCL - Tai Wai to Hung Hom Section
 Title : Maximum allowable SWL for Ventilation Shaft at Ma Tau Wai Station
 Date : 05 Jan 2011

Receiver	ASR	Noise Levels / Criteria, dB(A)			Contributing Noise Sources	Apportioned Criteria, dB(A) (d) - All adds up to (c)	Propagation			Corrections, dB(A)				Permissible SWL, dB(A)	Remarks					
		ANL-S (a)	Prevailing (b)	Design (c) = min of (a) & (b)			Dist, m	Dir, deg	Facade	Dist	Dir	Ton	Int							
MTW-17-1 (Residential Building) Daytime	B	60	70	60	VS - MTW - 1 - 1	49	275	90	3	-57	-5	3	0	105						
					VS - MTW - 1 - 2	49	265	90	3	-56	-5	3	0	104						
					VS - MTW - 1 - 3	49	260	0	3	-56	0	3	0	99						
					VS - MTW - 1 - 4	49	270	90	3	-57	-5	3	0	105						
					VS - MTW - 1 - 5	49	265	0	3	-56	0	3	0	99						
					VS - MTW - 2 - 1	49	70	90	3	-45	-5	3	0	93						
					VS - MTW - 2 - 2	49	70	180	3	-45	-10	3	0	98						
					VS - MTW - 2 - 3	49	60	0	3	-44	0	3	0	87						
					VS - MTW - 2 - 4	49	60	0	3	-44	0	3	0	87						
					VS - MTW - 2 - 5	49	65	0	3	-44	0	3	0	87						
					VS - MTW - 3 - 1	49	55	90	3	-43	-5	3	0	91						
					VS - MTW - 3 - 2	49	60	180	3	-44	-10	3	0	97						
					VS - MTW - 3 - 3	49	55	90	3	-43	-5	3	0	91						
					VS - MTW - 3 - 4	49	50	0	3	-42	0	3	0	85						
										60										
					MTW-17-1 (Residential Building) Night-time	B	50	65	50	VS - MTW - 1 - 1	39	275	90	3	-57	-5	3	0	95	
										VS - MTW - 1 - 2	39	265	90	3	-56	-5	3	0	94	
										VS - MTW - 1 - 3	39	260	0	3	-56	0	3	0	89	
										VS - MTW - 1 - 4	39	270	90	3	-57	-5	3	0	95	
										VS - MTW - 1 - 5	39	265	0	3	-56	0	3	0	89	
										VS - MTW - 2 - 1	39	70	90	3	-45	-5	3	0	83	
										VS - MTW - 2 - 2	39	70	180	3	-45	-10	3	0	88	
										VS - MTW - 2 - 3	39	60	0	3	-44	0	3	0	77	
										VS - MTW - 2 - 4	39	60	0	3	-44	0	3	0	77	
										VS - MTW - 2 - 5	39	65	0	3	-44	0	3	0	77	
										VS - MTW - 3 - 1	39	55	90	3	-43	-5	3	0	81	
										VS - MTW - 3 - 2	39	60	180	3	-44	-10	3	0	87	
										VS - MTW - 3 - 3	39	55	90	3	-43	-5	3	0	81	
VS - MTW - 3 - 4	39	50	0	3						-42	0	3	0	75						
										50										
MTW-18-1 (Residential Building) Daytime	B	60	70	60						VS - MTW - 1 - 1	41	205	90	3	-54	-5	3	0	94	
										VS - MTW - 1 - 2	41	200	0	3	-54	0	3	0	89	
										VS - MTW - 1 - 3	41	195	0	3	-54	0	3	0	89	
										VS - MTW - 1 - 4	41	205	90	3	-54	-5	3	0	94	
										VS - MTW - 1 - 5	41	200	0	3	-54	0	3	0	89	
										VS - MTW - 2 - 1	51	22	0	3	-35	0	3	0	80	
										VS - MTW - 2 - 2	51	25	0	3	-36	0	3	0	81	
										VS - MTW - 2 - 3	51	33	90	3	-38	-5	3	0	88	
										VS - MTW - 2 - 4	51	31	90	3	-38	-5	3	0	88	
										VS - MTW - 2 - 5	51	27	0	3	-37	0	3	0	82	
										VS - MTW - 3 - 1	51	40	0	3	-40	0	3	0	85	
										VS - MTW - 3 - 2	51	45	0	3	-41	0	3	0	86	
										VS - MTW - 3 - 3	41	50	90	3	-42	-5	3	0	82	
					VS - MTW - 3 - 4	51	45	90	3	-41	-5	3	0	91						
										60										
					MTW-18-1 (Residential Building) Night-time	B	50	65	50	VS - MTW - 1 - 1	31	205	90	3	-54	-5	3	0	84	
										VS - MTW - 1 - 2	31	200	0	3	-54	0	3	0	79	
										VS - MTW - 1 - 3	31	195	0	3	-54	0	3	0	79	
										VS - MTW - 1 - 4	31	205	90	3	-54	-5	3	0	84	
										VS - MTW - 1 - 5	31	200	0	3	-54	0	3	0	79	
										VS - MTW - 2 - 1	41	22	0	3	-35	0	3	0	70	
										VS - MTW - 2 - 2	41	25	0	3	-36	0	3	0	71	
										VS - MTW - 2 - 3	41	33	90	3	-38	-5	3	0	78	
										VS - MTW - 2 - 4	41	31	90	3	-38	-5	3	0	78	
										VS - MTW - 2 - 5	41	27	0	3	-37	0	3	0	72	
										VS - MTW - 3 - 1	41	40	0	3	-40	0	3	0	75	
										VS - MTW - 3 - 2	41	45	0	3	-41	0	3	0	76	
										VS - MTW - 3 - 3	31	50	90	3	-42	-5	3	0	72	
VS - MTW - 3 - 4	41	45	90	3						-41	-5	3	0	81						
										50										

Noise Sources	Daytime	Night-time
VS - MTW - 1 - 1	85	81
VS - MTW - 1 - 2	89	79
VS - MTW - 1 - 3	89	79
VS - MTW - 1 - 4	85	75
VS - MTW - 1 - 5	86	76
VS - MTW - 2 - 1	80	70
VS - MTW - 2 - 2	81	71
VS - MTW - 2 - 3	87	77
VS - MTW - 2 - 4	84	74
VS - MTW - 2 - 5	82	72
VS - MTW - 3 - 1	85	75
VS - MTW - 3 - 2	86	76
VS - MTW - 3 - 3	82	72
VS - MTW - 3 - 4	85	75