

Project : SCL - Tai Wai to Hung Hom Section
 Title : Construction Noise Calculation
 Subtitle : DHS + EEP at Wong Tai Sin + C&C + Retrieval Shafts + Work shaft + Tsz Wan Shan Pedestrian Link (Cumulative)

Table 1 - Notional Distance from Construction Sites to NSRs, m

NSRs	Work Site																										
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S23	S24	S25	S26	
DIH-7-1						250					215																
DIH-14-5			295	240	180			270	165	90			165	95	45	23	60	25	22	45							275
DIH-9-1	230	265				70	175	290			170											275	285				
DIH-10-1	235	265				70	170	280														290					
DIH-11-1	90	110	145	190	245	150	125	170	240		115	115									23	35	150	205			
DIH-12-1	220	210	200	200	210		260	235	245		180	165										170	170	175	215		
DIH-13-1	280					120	220				225																
DIH-14-1				290					215	140				60	35	70	40	75	70	95						285	
DIH-14-4			265	225	190			220	150	120	260	290		200	155	115	170	120	120	130						165	
DIH-15-1										240				100	130	165	110	165	165	190							
DIH-15-2														155	255		220										
DIH-15-2-A										240				75	150	210	125	195	205	225							
DIH-5-1													80													295	
DIH-12-2	180	185	200	230	265	260	220	235	280		215	165										95	105	75	125		
DIH-17-1													75														
DIH-3-4													70														
KAT-P1-5-A														230													
DIH-14-3										295				180	230	250	235	255	250	270						295	195

Table 2 - Distance Attenuation and Facade Correction, dB(A)

NSRs	Work Site																										
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S23	S24	S25	S26	
DIH-7-1						-53					-52																
DIH-14-5			-54	-53	-50			-54	-49	-44				-45	-38	-32	-41	-33	-32	-38							-54
DIH-9-1	-52	-53				-42	-50	-54			-50											-54	-54				
DIH-10-1	-52	-53				-42	-50	-54														-54					
DIH-11-1	-44	-46	-48	-51	-53	-49	-47	-50	-53		-46											-32	-36	-49	-51		
DIH-12-1	-52	-51	-51	-51	-51		-53	-52	-53		-50												-50	-50	-50	-52	
DIH-13-1	-54					-47	-52				-52																
DIH-14-1				-54					-52	-48				-41	-36	-42	-37	-43	-42	-45						-54	
DIH-14-4			-53	-52	-51			-52	-49	-47	-53			-51	-49	-46	-50	-47	-47	-47						-49	
DIH-15-1										-53				-45	-47	-49	-46	-49	-49	-51							
DIH-15-2														-49	-53		-52										
DIH-15-2-A										-53				-43	-49	-51	-47	-51	-51	-52							
DIH-5-1													-43														
DIH-12-2	-50	-50	-51	-52	-53	-53	-52	-52	-54		-52	-49.35										-45	-45	-43	-47		
DIH-17-1													-43														
DIH-3-4													-42														
KAT-P1-5-A														-52													
DIH-14-3										-54				-50	-52	-53	-52	-53	-53	-54						-54	-51

Table 3 - Screening Between Construction Sites and NSRs, dB(A)

NSRs	Work Site																										
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S23	S24	S25	S26	
DIH-7-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-14-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-9-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-10-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-11-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-12-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-13-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-14-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-14-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-15-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-15-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-15-2-A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-5-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-12-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-17-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-3-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KAT-P1-5-A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-14-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0