

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

KTD 1 Centre of Excellence in Paediatric

Cumulative Impact

Other Infrastructure Structure Works

TKO-LTT Tunnel Construction Works

Cumulative Construction Noise Impact Including Concurrent Projects

Item No.	Construction Activity				2016				2017				2018				2019				2020																								
					D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D				
KTD 10	Centre of Excellence in Paediatric				—	55	67	67	70	70	—	—	—	55	55	55	64	69	75	74	71	66	51	—	63	73	70	74	73	70	64	62	62	61	61	63	58	53	53	53	62	64	66	66	60
					—	53	67	67	70	70	—	—	—	55	55	55	64	69	75	74	71	66	51	—	63	73	70	74	73	70	64	62	62	61	61	63	58	53	53	53	62	64	66	66	60

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

KTD 2 Centre of Excellence in Paediatric

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

KTD 2 Centre of Excellence in Paediatric

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

Cumulative Impact

Other Infrastructure Structure Works

TKO-LTT Tunnel Construction Works

Item No.	Construction Activity	SWL	NOTIONAL SOURCE LOCATION	DISTANCE	SPL	15	2016										2017										2018										2019										2020														
						D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D							
						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
N3101a	Construction Noise Impact As Per TKO-LTTEIA Report	--	--	--	--	--	0	72	72	72	63	63	63	73	73	73	73	73	61	61	61	62	61	69	69	69	70	70	70	70	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	69	61	68	70	70	69	68	65	66	60	60	58	58	58	0	0

Cumulative Construction Noise Impact Including Concurrent Projects

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

CKL 2 Tin Hau Temple

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

CKL 3 Flat 26E Cha Kwo Ling Tsuen		SWL	NOTIONAL SOURCE LOCATION	DISTANCE	SPL	2016												2017												2018												2019											
Item No.	Construction Activity					D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N
1	Contract Commencement																																																				
2	Mobilisation	109	Launching Shaft	--	--	--																																															
3	Site Investigation																																																				
3.1	Site Investigation at KTD - Suppressed Road	100	Sec B1	--	--																																																
3.1	Site Investigation at KTD - Suppressed Road	100	Sec B2	--	--																																																
3.1	Site Investigation at KTD - Suppressed Road	100	Sec B3	--	--																																																
3.1	Site Investigation at KTD - Ventilation Building	100	West Vent Bldg	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C1a	100	SEC C1a	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C1b	100	SEC C1b	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C1c	100	SEC C1c	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C1d	100	SEC C1d	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C1e	100	SEC C1e	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C1f	100	SEC C1f	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C1g	100	SEC C1g	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C2a	100	SEC C2a	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C2b	100	SEC C2b	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C2c	100	SEC C2c	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C2d	100	SEC C2d	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C2e	100	SEC C2e	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C2f	100	SEC C2f	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C2g	100	SEC C2g	--	--																																																
3.1	Site Investigation at KTD - Cut and Cover Tunnel Segment C3	100	SEC C3	--	--																																																
3.1	Site Investigation at KTD - Launching Shaft	100	Launching Shaft	--	--																																																
3.2	Site Investigation at Lam Tin - East Ventilation Building	100	East Vent Bldg	256	46																																																
3.2	Site Investigation at Lam Tin - Receiving Pit	100	Receiving Pit	323	--																																																
4	TBM Works																																																				
4.1	Design and Procurement	0	Launching Shaft	--	--																																																
4.2	Mobilisation & 1st TBM Launching	105	Launching Shaft	--	--																																																
4.3	Tunneling Works of Bore 1	107	Launching Shaft	--	--																																																
4.4	Launch of 2nd TBM	105	Launching Shaft	--	--																																																
4.5	Tunneling Works of Bore 2	107	Launching Shaft	--	--																																																
4.6	Cross passages	103	Launching Shaft	--	--																																																
4.7	Fitting out	91	Launching Shaft	--	--																																																
5	(CH659 - CH6629) Launching Shaft																																																				
5.1	Construction of Diaphragm Wall (including excavation, rebar cage installation & concreting)	108	Launching Shaft	--	--																																																
5.2	Bulk excavation & ELS installation to final tunnel formation level	107	Launching Shaft	--	--																																																
5.3	Launching Shaft Structure Construction (including rebar fixing & concreting)	107	Launching Shaft	--	--																																																
5.4	Partial soil backfilling	109	Launching Shaft	--	--																																																
5.5	Soil backfilling up to future ground formation level	109	Launching Shaft	--	--																																																
6	(CH6050 - CH6445) Cut-and-Cover Tunnel (1st Cell with ventilation adit)																																																				
6.1	Construction of Diaphragm Wall (

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

CKL 3 Flat 26E Cha Kwo Ling Tsuen

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

Cumulative Impact

Other Infrastructure Structure Works

TKO-LTT Tunnel Construction Works

Cumulative Construction Noise Impact Including Concurrent Projects

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

CKL 5 Flat 103 Cha Kwo Ling Tsuen

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

CKL 6 Kar Hing Building

Appendix 5G

CE 38/2008(HY)
Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron
Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

Appendix 5G

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Construction Noise Assessment (Mitigated Scenario)

CKL 7 Kam See Building