Calculations of Composite Idling Emission Factors

Estimated Engine Type Distribution

Assessmen Year : **2022**

FirstRegYear	Age	Estimated engine type distribution													
		HGV(7) 5.5-15t		HGV(8) >15t		NFB(6) <=6.4t		NFB(7) 6.4-15t		NFB(8) >15t		LGV (4) diesel		LGV (6) diesel	
		Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type
2036	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2035	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2034	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2033	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2032	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2031	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2030	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2029	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2028	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2027	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2026	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2025	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2024	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2023	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-	Euro VI	-
2022	1	Euro VI	6.85%	Euro VI	7.10%	Euro VI	5.26%	Euro VI	6.81%	Euro VI	11.13%	Euro VI	6.67%	Euro VI	3.87%
2021	2	Euro VI	3.34%	Euro VI	2.31%	Euro VI	5.01%	Euro VI	4.95%	Euro VI	9.68%	Euro VI	4.07%	Euro VI	2.52%
2020	3	Euro VI	6.79%	Euro VI	6.02%	Euro VI	7.03%	Euro VI	10.33%	Euro VI	10.20%	Euro VI	9.18%	Euro VI	4.80%
2019	4	Euro VI	5.29%	Euro VI	5.02%	Euro VI	5.91%	Euro VI	6.68%	Euro VI	8.49%	Euro VI	7.71%	Euro VI	4.22%
2018	5	Euro VI	5.14%	Euro VI	5.21%	Euro VI	5.51%	Euro VI	7.38%	Euro VI	8.15%	Euro VI	7.52%	Euro VI	4.46%
2017	6	Euro VI	5.43%	Euro VI	5.31%	Euro VI	4.63%	Euro VI	6.68%	Euro VI	9.81%	Euro VI	7.14%	Euro VI	4.50%
2016	7	Euro V	5.08%	Euro V	6.30%	Euro V	6.22%	Euro V	5.12%	Euro V	7.04%	Euro V	5.18%	Euro V	4.95%
2015	8	Euro V	3.28%	Euro V	4.48%	Euro V	9.46%	Euro V	5.60%	Euro V	6.95%	Euro V	3.67%	Euro V	4.16%
2014	9	Euro V	5.08%	Euro V	5.09%	Euro V	11.73%	Euro V	6.03%	Euro V	7.17%	Euro V	4.07%	Euro V	5.37%
2013	10	Euro V	3.95%	Euro V	4.93%	Euro V	12.53%	Euro V	10.07%	Euro V	5.76%	Euro V	4.74%	Euro V	6.00%
2012	11	Euro IV	4.62%	Euro IV	7.07%	Euro IV	8.93%	Euro IV	6.42%	Euro IV	3.24%	Euro IV	5.28%	Euro IV	6.91%
2011	12	Euro IV	4.23%	Euro IV	4.23%	Euro IV	6.50%	Euro IV	7.20%	Euro IV	3.11%	Euro IV	5.31%	Euro IV	5.08%
2010	13	Euro IV	3.80%	Euro IV	4.09%	Euro IV	4.17%	Euro IV	5.42%	Euro IV	2.56%	Euro IV	5.93%	Euro IV	5.22%
2009	14	Euro IV	5.53%	Euro IV	6.10%	Euro IV	3.58%	Euro IV	3.99%	Euro IV	0.90%	Euro IV	6.38%	Euro IV	7.73%
2008	15	Euro IV	3.20%	Euro IV	3.98%	Euro IV	1.65%	Euro IV	2.52%	Euro IV	0.90%	Euro IV	3.53%	Euro IV	5.67%
2007	16	Euro IV	3.72%	Euro IV	3.40%	Euro IV	0.87%	Euro IV	1.82%	Euro IV	0.81%	Euro IV	3.04%	Euro IV	4.72%
2006	17	Euro IV	1.13%	Euro IV	0.97%	Euro IV	0.04%	Euro IV	0.18%	Euro IV	0.03%	-	-	Euro IV	1.27%
2006	17	Euro III	3.85%	Euro III	3.06%	Euro III	0.27%	Euro III	0.82%	Euro III	0.06%	Euro III	3.50%	Euro III	4.10%
2005	18	Euro III	6.10%	Euro III	3.93%	Euro III	0.53%	Euro III	0.30%	Euro III	0.43%	Euro III	3.46%	Euro III	5.65%
2004	19	Euro III	6.44%	Euro III	4.47%	Euro III	0.09%	Euro III	0.26%	Euro III	1.75%	Euro III	2.33%	Euro III	4.93%
2003	20	Euro III	3.60%	Euro III	2.59%	Euro III	0.00%	Euro III	0.26%	Euro III	1.28%	Euro III	0.74%	Euro III	1.57%
2002	21	Euro III	1.25%	Euro III	1.57%	Euro III	0.00%	Euro III	0.74%	Euro III	0.00%	Euro III	0.37%	Euro III	0.96%
2001	22	Euro III	0.23%	Euro III	0.19%	Euro III	0.00%	Euro III	0.10%	Euro III	0.00%	-	-	Euro III	0.14%
2001	22	Euro II	0.69%	Euro II	1.05%	Euro II	0.00%	Euro II	0.21%	Euro II	0.00%	Euro II	0.09%	Euro II	0.54%
2000	23	Euro II	0.83%	Euro II	0.72%	Euro II	0.00%	Euro II	0.09%	Euro II	0.00%	Euro II	0.05%	Euro II	0.40%
1999	24	Euro II	0.36%	Euro II	0.52%	Euro II	0.00%	Euro II	0.04%	Euro II	0.13%	Euro II	0.01%	Euro II	0.15%
1998	25	Euro II	0.09%	Euro II	0.14%	Euro II	0.00%	Euro II	0.00%	Euro II	0.04%	Euro II	0.00%	Euro II	0.08%
1998	25	-	-	-	-	-	-	-	-	-	-	Euro I	0.00%	-	-
1997	26	Euro II	0.04%	Euro II	0.12%	Euro II	0.00%	Euro II	0.00%	Euro II	0.00%	Euro I	0.00%	Euro II	0.01%
1997	26	Euro I	0.01%	Euro I	0.03%	Euro I	0.00%	Euro I	0.00%	Euro I	0.00%	-	-	Euro I	0.00%
1996	27	Euro I	0.04%	Euro I	0.01%	Euro I	0.00%	Euro I	0.00%	Euro I	0.21%	Euro I	0.00%	Euro I	0.00%
1995	28	Euro I	0.00%	Euro I	0.00%	Euro I	0.00%	Euro I	0.00%	Euro I	0.07%	Euro I	0.00%	Euro I	0.00%
1995	28	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.02%	pre-Euro	0.00%	pre-Euro	0.00%
1994	29	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1993	30	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.03%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.01%
1992	31	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1991	32	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1990	33	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.04%	pre-Euro	0.00%	pre-Euro	0.00%
1989	34	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1988	35	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1987	36	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1986	37	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%

FirstRegYear	Age	Estimated engine type distribution													
		HGV(7) 5.5-15t		HGV(8) >15t		NFB(6) <=6.4t		NFB(7) 6.4-15t		NFB(8) >15t		LGV (4) diesel		LGV (6) diesel	
		Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type	Euro Standard	% of vehicle of same Euro type
1985	38	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1984	39	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.04%	pre-Euro	0.00%	pre-Euro	0.00%
1983	40	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.03%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1982	41	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1981	42	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1980	43	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1979	44	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%	pre-Euro	0.00%
1978	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-
1977	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-
1976	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-
1975	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-
1974	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-
1973	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-	pre-Euro	-
	Total		**100.00%**		**100.00%**		**100.00%**		**100.00%**		**100.00%**		**100.00%**		**100.00%**

Basic Idling Emission Factors

Euro Standard	LDV		Truck/bus	
	Nox (g/h)	PM (g/h)	Nox (g/h)	PM (g/h)
pre-Euro	13.63	2.58	119.6	14.7
Euro I	13.42	3	99.41	11.05
Euro II	14.03	2.85	97.84	1.81
Euro III	8.81	1.35	98.52	1.72
Euro IV	8.33	1.07	52.42	0.86
Euro V	6.27	0.11	36.37	0.86
Euro VI	2.77	0.09	36.37	0.86

Source : Road tunnels: Vehicle emission and air demand for ventilation, PIARC, 2012

A conversion factor between PM in g and turbidity 1g = 6.25m^2 is assumed

Mass Factors for HGV

Pollutant	Mass Factor		
	15t	23t	32t
Nox	0.7	1	1.9
PM	0.7	1	1.9

Source : Road tunnels: Vehicle emission and air demand for ventilation, PIARC, 2012

Composite Idling Emission Factors

Euro Standard	Idling Emission Factor (g/h)							
	PC	HGV(7) 5.5-15t	HGV(8) >15t	NFB(6) <=6.4t	NFB(7) 6.4-15t	NFB(8) >15t	LGV (4) diesel	LGV (6) diesel
PM								
pre-Euro	-	0.000	0.001	0.014	0.000	0.015	0.000	0.000
Euro I	-	0.004	0.005	0.000	0.000	0.031	0.000	0.000
Euro II	-	0.026	0.046	0.000	0.006	0.003	0.004	0.034
Euro III	-	0.259	0.272	0.015	0.043	0.060	0.141	0.234
Euro IV	-	0.158	0.256	0.221	0.237	0.099	0.315	0.392
Euro V	-	0.105	0.179	0.343	0.231	0.232	0.019	0.023
Euro VI	-	0.198	0.266	0.287	0.368	0.494	0.038	0.022
Composite Emission Factors	***negligible***	***0.973***	***1.333***	***1.145***	***1.150***	***1.215***	***0.673***	***0.916***

Based on 2003 X' boundary vehicle population, about 99.7% of private car is powered by petrol. It is reasonable to assume in future assessment years that all PC is petrc

For conservative analysis, a emission factor of 0.2g/NOx/min as extracted from the Consultation Paper - A Proposal to Ban Idling Vehicles with Running Engines is assumed for all PC

Mass influence factor for 23t is assumed for HGV (8) and NFB (8) for conservative assessment

Mass influence factor for 15t is assumed for HGV(7), NFB(6) and NFB(7) for conservative assessment.

An A/C loading factor of 1.3 has been included.

Example Calculations of Idling Emission at Kiosks / Loading Bays / Unloading Bays (during Peak Hour) - for Construction Dust Assessment

RSP / FSP

Bound	Vehicle Type	Total Peak Traffic Flow	Veh Type (EmFAC)	% Vehicle	Traffic Flow	Idling Emission Factor	Kiosk Processing Time	Kiosk Emission Rate	Unloading Bay Processing Time	Unloading Bay Emission Rate	Loading Bay Processing Time	Loading Bay Emission Rate
		(veh/hr)			(veh/hr)	(g/veh/hr)	(min/veh)	(g/hr)	(min/veh)	(g/hr)	(min/veh)	(g/hr)
In	**Car**	295	PC	100%	295	0.000	1.7	**0.0**	-	-	-	-
	LGV	162	LGV (4)	10.4%	17	0.673	0.9	0.2	-	-	-	-
			LGV (6)	89.6%	145	0.916	0.7	1.6	-	-	-	-
				sub-total	**162**	-	**-**	**1.7**	**-**	**-**	**-**	**-**
	MHGV	294	HGV (7)	11.3%	33	0.973	0.9	0.5	-	-	-	-
			HGV (8)	88.7%	261	1.333	0.7	4.1	-	-	-	-
				sub-total	**294**			**4.5**	-	-	-	-
	Coach	58	NFB (6)	5.4%	3	1.145	0.8	0.0	0.3	0.0	1.9	0.1
			NFB (7)	21.3%	12	1.150	0.8	0.2	0.3	0.1	1.9	0.4
			NFB (8)	73.3%	43	1.215	0.8	0.7	0.3	0.3	1.9	1.6
				sub-total	**58**	-	**-**	**0.9**	**-**	**0.3**	**-**	**2.2**
Out	**Car**	618	PC	100%	618	0.000	2.4	**0.0**	-	-	-	-
	LGV	223	LGV (4)	10.4%	23	0.673	1.2	0.3	-	-	-	-
			LGV (6)	89.6%	200	0.916	1.2	3.7	-	-	-	-
				sub-total	**223**	-	**-**	**4.0**	**-**	**-**	**-**	**-**
	MHGV	404	HGV (7)	11.3%	46	0.973	1.2	0.9	-	-	-	-
			HGV (8)	88.7%	358	1.333	1.2	9.6	-	-	-	-
				sub-total	**404**			**10.4**	-	-	-	-
	Coach	120	NFB (6)	5.4%	6	1.145	0.8	0.1	0.6	0.1	4.9	0.6
			NFB (7)	21.3%	26	1.150	0.8	0.4	0.6	0.3	4.9	2.4
			NFB (8)	73.3%	88	1.215	0.8	1.4	0.6	1.1	4.9	8.7
				sub-total	**120**	-	**-**	**1.8**	**-**	**1.4**	**-**	**11.7**

Note:

1. All private cars are assumed to be powered by petrol
2. Information on the vehicle breakdown of LGV / MHGV / Coach are referenced from the approved EIA Study "Expansion of Hong Kong Airport into aThree-Runway System" (AEIAR-185/2014).
3. Information on the processing time at kiosks / loading bay / unloading bay are provided by the Traffic Engineer.

Hourly Idling Vehicular Emission Factor (for Construction Dust Assessment)

RSP / FSP

Description	Link ID	X1	Y1	X2	Y2	Length	Hr 00		Hr 01		Hr 02		Hr 03		Hr 04		Hr 05		Hr 06		Hr 07		Hr 08		Hr 09		Hr 10		Hr 11		Hr 12		Hr 13		Hr 14		Hr 15		Hr 16		Hr 17		Hr 18		Hr 19		Hr 20		Hr 21		Hr 22		Hr 23	
		(m)	(m)	(m)	(m)	(m)	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
Buses-Kiosk (In-Bound)	L1	812865	819958	812871	819978	21	6	1.166	3	1.166	2	1.166	2	1.166	2	1.166	4	1.166	7	1.166	13	1.166	15	1.166	12	1.166	10	1.166	11	1.166	12	1.166	12	1.166	12	1.166	11	1.166	11	1.166	12	1.166	12	1.166	10	1.166	9	1.166	9	1.166	9	1.166	8	1.166
	L2	812871	819955	812877	819976	21	6	1.166	3	1.166	2	1.166	2	1.166	2	1.166	4	1.166	7	1.166	13	1.166	15	1.166	12	1.166	10	1.166	11	1.166	12	1.166	12	1.166	12	1.166	11	1.166	11	1.166	12	1.166	12	1.166	10	1.166	9	1.166	9	1.166	9	1.166	8	1.166
	L3	812877	819953	812883	819974	21	6	1.166	3	1.166	2	1.166	2	1.166	2	1.166	4	1.166	7	1.166	13	1.166	15	1.166	12	1.166	10	1.166	11	1.166	12	1.166	12	1.166	12	1.166	11	1.166	11	1.166	12	1.166	12	1.166	10	1.166	9	1.166	9	1.166	9	1.166	8	1.166
	L4	812883	819951	812889	819972	21	6	1.166	3	1.166	2	1.166	2	1.166	2	1.166	4	1.166	7	1.166	13	1.166	15	1.166	12	1.166	10	1.166	11	1.166	12	1.166	12	1.166	12	1.166	11	1.166	11	1.166	12	1.166	12	1.166	10	1.166	9	1.166	9	1.166	9	1.166	8	1.166
GV-Kiosk (In-Bound)	L5	813467	819805	813458	819777	30	22	0.742	13	0.742	8	0.742	7	0.742	9	0.742	16	0.742	29	0.742	50	0.742	57	0.742	46	0.742	41	0.742	43	0.742	49	0.742	48	0.742	48	0.742	42	0.742	44	0.742	49	0.742	45	0.742	39	0.742	35	0.742	34	0.742	34	0.742	31	0.742
	L6	813473	819803	813464	819774	30	22	0.742	13	0.742	8	0.742	7	0.742	9	0.742	16	0.742	29	0.742	50	0.742	57	0.742	46	0.742	41	0.742	43	0.742	49	0.742	48	0.742	48	0.742	42	0.742	44	0.742	49	0.742	45	0.742	39	0.742	35	0.742	34	0.742	34	0.742	31	0.742
	L7	813480	819801	813471	819772	30	22	0.742	13	0.742	8	0.742	7	0.742	9	0.742	16	0.742	29	0.742	50	0.742	57	0.742	46	0.742	41	0.742	43	0.742	49	0.742	48	0.742	48	0.742	42	0.742	44	0.742	49	0.742	45	0.742	39	0.742	35	0.742	34	0.742	34	0.742	31	0.742
	L8	813486	819799	813478	819771	30	22	0.742	13	0.742	8	0.742	7	0.742	9	0.742	16	0.742	29	0.742	50	0.742	57	0.742	46	0.742	41	0.742	43	0.742	49	0.742	48	0.742	48	0.742	42	0.742	44	0.742	49	0.742	45	0.742	39	0.742	35	0.742	34	0.742	34	0.742	31	0.742
	L9	813493	819797	813484	819769	30	22	0.742	13	0.742	8	0.742	7	0.742	9	0.742	16	0.742	29	0.742	50	0.742	57	0.742	46	0.742	41	0.742	43	0.742	49	0.742	48	0.742	48	0.742	42	0.742	44	0.742	49	0.742	45	0.742	39	0.742	35	0.742	34	0.742	34	0.742	31	0.742
	L10	813499	819795	813490	819767	30	22	0.742	13	0.742	8	0.742	7	0.742	9	0.742	16	0.742	29	0.742	50	0.742	57	0.742	46	0.742	41	0.742	43	0.742	49	0.742	48	0.742	48	0.742	42	0.742	44	0.742	49	0.742	45	0.742	39	0.742	35	0.742	34	0.742	34	0.742	31	0.742
	L11	813505	819793	813496	819765	30	22	0.742	13	0.742	8	0.742	7	0.742	9	0.742	16	0.742	29	0.742	50	0.742	57	0.742	46	0.742	41	0.742	43	0.742	49	0.742	48	0.742	48	0.742	42	0.742	44	0.742	49	0.742	45	0.742	39	0.742	35	0.742	34	0.742	34	0.742	31	0.742
	L12	813512	819792	813503	819763	30	22	0.742	13	0.742	8	0.742	7	0.742	9	0.742	16	0.742	29	0.742	50	0.742	57	0.742	46	0.742	41	0.742	43	0.742	49	0.742	48	0.742	48	0.742	42	0.742	44	0.742	49	0.742	45	0.742	39	0.742	35	0.742	34	0.742	34	0.742	31	0.742
PC-Kiosk (In-Bound)	L13	813276	819861	813267	819833	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L14	813270	819863	813261	819835	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L15	813282	819860	813273	819831	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L16	813287	819858	813278	819829	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L17	813293	819856	813284	819828	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L18	813299	819854	813290	819826	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L19	813304	819853	813296	819824	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L20	813310	819851	813301	819823	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L21	813316	819850	813307	819821	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L22	813321	819848	813313	819820	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L23	813327	819846	813318	819818	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L24	813332	819845	813324	819816	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L25	813338	819843	813329	819815	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L26	813344	819841	813335	819813	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L27	813350	819840	813341	819811	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L28	813355	819838	813347	819810	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L29	813361	819836	813352	819808	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L30	813367	819835	813358	819806	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L31	813372	819833	813363	819804	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L32	813378	819831	813369	819803	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L33	813383	819829	813375	819801	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L34	813389	819827	813380	819799	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L35	813395	819826	813386	819798	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L36	813401	819824	813392	819796	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L37	813406	819823	813397	819794	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L38	813412	819821	813403	819793	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L39	813418	819819	813409	819791	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L40	813423	819818	813414	819790	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L41	813429	819816	813420	819788	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L42	813435	819814	813426	819786	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L43	813441	819812	813433	819784	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L44	813448	819810	813439	819782	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L45	813454	819809	813445	819780	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
	L46	813461	819807	813452	819779	30	3	0.000	2	0.000	1	0.000	1	0.000	1	0.000	2	0.000	4	0.000	8	0.000	9	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	7	0.000	6	0.000	7	0.000	7	0.000	7	0.000	6	0.000	5	0.000	5	0.000	5	0.000	5	0.000
Buses / Coaches L/UL (Out-bound)	L47	813008	820230	812979	820134	101	6	1.754	3	1.754	2	1.754	2	1.754	2	1.754	4	1.754	8	1.754	13	1.754	15	1.754	12	1.754	11	1.754	11	1.754	13	1.754	13	1.754	13	1.754	11	1.754	12	1.754	13	1.754	12	1.754	10	1.754	9	1.754	9	1.754	9	1.754	8	1.754
	L48	813020	820227	812991	820131	101	6	1.754	3	1.754	2	1.754	2	1.754	2	1.754	4	1.754	8	1.754	13	1.754	15	1.754	12	1.754	11	1.754	11	1.754	13	1.754	13	1.754	13	1.754	11	1.754	12	1.754	13	1.754	12	1.754	10	1.754	9	1.754	9	1.754	9	1.754	8	1.754
	L49	813048	820217	813019	820120	101	6	1.754	3	1.754	2	1.754	2	1.754	2	1.754	4	1.754	8	1.754	13	1.754	15	1.754	12	1.754	11	1.754	11	1.754	13	1.754	13	1.754	13	1.754	11	1.754	12	1.754	13	1.754	12	1.754	10	1.754	9	1.754	9	1.754	9	1.754	8	1.754
	L50	813058	820215	813029	820118	101	6	1.754	3	1.754	2	1.754	2	1.754	2	1.754	4	1.754	8	1.754	13	1.754	15	1.754	12	1.754	11	1.754	11	1.754	13	1.754	13	1.754	13	1.754	11	1.754	12	1.754	13	1.754	12	1.754	10	1.754	9	1.754	9	1.754	9	1.754	8	1.754
	L51	813088	820204	813059	820108	101	6	1.754	3	1.754	2	1.754	2	1.754	2	1.754	4	1.754	8	1.754	13	1.754	15	1.754	12	1.754	11	1.754	11	1.754	13	1.754	13	1.754	13	1.754	11	1.754	12	1.754	13	1.754	12	1.754	10	1.754	9	1.754	9	1.754	9	1.754	8	1.754
	L52	813098	820202	813069	820106	101	6	1.754	3	1.754	2	1.754	2	1.754	2	1.754	4	1.754	8	1.754	13	1.754	15	1.754	12	1.754	11	1.754	11	1.754	13	1.754	13	1.754	13	1.754	11	1.754	12	1.754	13	1.754	12	1.754	10	1.754	9	1.754	9	1.754	9	1.754	8	1.754
	L53	813129	820181	813107	820099	85	6	2.081	3	2.081	2	2.081	2	2.081	2	2.081	4	2.081	8	2.081	13	2.081	15	2.081	12	2.081	11	2.081	11	2.081	13	2.081	13	2.081	13	2.081	11	2.081	12	2.081	13	2.081	12	2.081	10	2.081	9	2.081	9	2.081	9	2.081	8	2.081
	L54	813169	820171	813147	820089	85	6	2.081	3	2.081	2	2.081	2	2.081	2	2.081	4	2.081	8	2.081	13	2.081	15	2.081	12	2.081	11	2.081	11	2.081	13	2.081	13	2.081	13	2.081	11	2.081	12	2.081	13	2.081	12	2.081	10	2.081	9	2.081	9	2.081	9	2.081	8	2.081
	L55	813207	820153	813185	820071	85	6	2.081	3	2.081	2	2.081	2	2.081	2	2.081	4	2.081	8	2.081	13	2.081	15	2.081	12	2.081	11	2.081	11	2.081	13	2.081	13	2.081	13	2.081	11	2.081	12	2.081	13	2.081	12	2.081	10	2.081	9	2.081	9	2.081	9	2.081	8	2.081
Buses / Coaches L/UL (In-bound)	L56	812953	819757	812917	819632	130	4	0.541	2	0.541	1	0.541	1	0.541	2	0.541	3	0.541	5	0.541	9	0.541	10	0.541	8	0.541	7	0.541	7	0.541	8	0.541	8	0.541	8	0.541	7	0.541	8	0.541	8	0.541	8	0.541	7	0.541	6	0.541	6	0.541	6	0.541	5	0.541
	L57	812966	819760	812930	819635	130	4	0.541	2	0.541	1	0.541	1	0.541	2	0.541	3	0.541	5	0.541	9	0.541	10	0.541	8	0.541	7	0.541	7	0.541	8	0.541	8	0.541	8	0.541	7	0.541	8	0.541	8	0.541	8	0.541	7	0.541	6	0.541	6	0.541	6	0.541	5	0.541
	L58	812996	819747	812960	819622	130	4	0.541	2	0.541	1	0.541	1	0.541	2	0.541	3	0.541	5	0.541	9	0.541	10	0.541	8	0.541	7	0.541	7	0.541	8	0.541	8	0.541	8	0.541	7	0.541	8	0.541	8	0.541	8	0.541	7	0.541	6	0.541	6	0.541	6	0.541	5	0.541
	L59	813006	819748	812970	819623	130	4	0.541	2	0.541	1	0.541	1	0.541	2	0.541	3	0.541	5	0.541	9	0.541	10	0.541	8	0.541	7	0.541	7	0.541	8	0.541	8	0.541	8	0.541	7	0.541	8	0.541	8	0.541	8	0.541	7	0.541	6	0.541	6	0.541	6	0.541	5	0.541
	L60	812880	819778	812846	819667	115	4	0.612	2	0.612	1	0.612	1	0.612	2	0.612	3	0.612	5	0.612	9	0.612	10	0.612	8	0.612	7	0.612	7	0.612	8	0.612	8	0.612	8	0.612	7	0.612	8	0.612	8	0.612	8	0.612	7	0.612	6	0.612	6	0.612	6	0.612	5	0.612
	L61	812920	819769	812886	819659	115	4	0.612	2	0.612	1	0.612	1	0.612	2	0.612	3	0.612	5	0.612	9	0.612	10	0.612	8	0.612	7	0.612	7	0.612	8	0.612	8	0.612	8	0.612	7	0.612	8	0.612	8	0.612	8	0.612	7	0.612	6	0.612	6	0.612	6	0.612	5	0.612
Buses-Kiosk (Out-Bound)	L62	813199	819852	813205	819872	21	11	1.166	7	1.166	4	1.166	4	1.166	5	1.166	8	1.166	15	1.166	26	1.166	30	1.166	24	1.166	22	1.166	23	1.166	26	1.166	25	1.166	25	1.166	22	1.166	23	1.166	26	1.166	24	1.166	21	1.166	19	1.166	18	1.166	18	1.166	16	1.166
	L63	813206	819850	813212	819870	21	11	1.166	7	1.166	4	1.166	4	1.166	5	1.166	8	1.166	15	1.166	26	1.166	30	1.166	24	1.166	22	1.166	23	1.166	26	1.166	25	1.166	25	1.166	22	1.166	23	1.166	26	1.166	24	1.166	21	1.166	19	1.166	18	1.166	18	1.166	16	1.166
	L64	813212	819847	813218	819867	21	11	1.166	7	1.166	4	1.166	4	1.166	5	1.166	8	1.166	15	1.166	26	1.166	30	1.166	24	1.166	22	1.166	23	1.166	26	1.166	25	1.166	25	1.166	22	1.166	23	1.166	26	1.166	24	1.166	21	1.166	19	1.166	18	1.166	18	1.166	16	1.166
	L65	813219	819846	813225	819866	21	11	1.166	7	1.166	4	1.166	4	1.166	5	1.166	8	1.166	15	1.166	26	1.166	30	1.166	24	1.166	22	1.166	23	1.166	26	1.166	25	1.166	25	1.166	22	1.166	23	1.166	26	1.166	24	1.166	21	1.166	19	1.166	18	1.166	18	1.166	16	1.166
GV-Kiosk (Out-Bound)	L66	813589	819762	813580	819734	30	30	1.242	17	1.242	12	1.242	9	1.242	13	1.242	22	1.242	39	1.242	69	1.242	78	1.242	63	1.242	56	1.242	59	1.242	67	1.242	66	1.242	66	1.242	58	1.242	61	1.242	67	1.242	62	1.242	54	1.242	48	1.242	47	1.242	46	1.242	43	1.242
	L67	813595	819760	813587	819732	30	30	1.242	17	1.242	12	1.242	9	1.242	13	1.242	22	1.242	39	1.242	69	1.242	78	1.242	63	1.242	56	1.242	59	1.242	67	1.242	66	1.242	66	1.242	58	1.242	61	1.242	67	1.242	62	1.242	54	1.242	48	1.242	47	1.242	46	1.242	43	1.242
	L68	813602	819758	813593	819730	30	30	1.242	17	1.242	12	1.242	9	1.242	13	1.242	22	1.242	39	1.242	69	1.242	78	1.242	63	1.242	56	1.242	59	1.242	67	1.242	66	1.242	66	1.242	58	1.242	61	1.242	67	1.242	62	1.242	54	1.242	48	1.242	47	1.242	46	1.242	43	1.242
	L69	813608	819756	813599	819728	30	30	1.242	17	1.242	12	1.242	9	1.242	13	1.242	22	1.242	39	1.242	69	1.242	78	1.242	63	1.242	56	1.242	59	1.242	67	1.242	66	1.242	66	1.242	58	1.242	61	1.242	67	1.242	62	1.242	54	1.242	48	1.242	47	1.242	46	1.242	43	1.242
	L70	813614	819755	813606	819726	30	30	1.242	17	1.242	12	1.242	9	1.242	13	1.242	22	1.242	39	1.242	69	1.242	78	1.242	63	1.242	56	1.242	59	1.242	67	1.242	66	1.242	66	1.242	58	1.242	61	1.242	67	1.242	62	1.242	54	1.242	48	1.242	47	1.242	46	1.242	43	1.242
	L71	813621	819753	813612	819724	30	30	1.242	17	1.242	12	1.242	9	1.242	13	1.242	22	1.242	39	1.242	69	1.242	78	1.242	63	1.242	56	1.242	59	1.242	67	1.242	66	1.242	66	1.242	58	1.242	61	1.242	67	1.242	62	1.242	54	1.242	48	1.242	47	1.242	46	1.242	43	1.242
	L72	813628	819751	813619	819723	30	30	1.242	17	1.242	12	1.242	9	1.242	13	1.242	22	1.242	39	1.242	69	1.242	78	1.242	63	1.242	56	1.242	59	1.242	67	1.242	66	1.242	66	1.242	58	1.242	61	1.242	67	1.242	62	1.242	54	1.242	48	1.242	47	1.242	46	1.242	43	1.242
	L73	813634	819749	813625	819720	30	30	1.242	17	1.242	12	1.242	9	1.242	13	1.242	22	1.242	39	1.242	69	1.242	78	1.242	63	1.242	56	1.242	59	1.242	67	1.242	66	1.242	66	1.242	58	1.242	61	1.242	67	1.242	62	1.242	54	1.242	48	1.242	47	1.242	46	1.242	43	1.242
PC-Kiosk (Out-Bound)	L74	813672	819738	813663	819709	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L75	813683	819734	813675	819705	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L76	813678	819736	813669	819707	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L77	813689	819733	813680	819704	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L78	813695	819731	813686	819703	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L79	813701	819730	813692	819701	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L80	813706	819728	813697	819699	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L81	813712	819726	813703	819698	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L82	813718	819725	813709	819696	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L83	813723	819723	813714	819694	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L84	813728	819721	813720	819693	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L85	813734	819720	813726	819691	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L86	813740	819717	813731	819689	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L87	813746	819716	813737	819688	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L88	813751	819714	813742	819686	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L89	813757	819713	813748	819684	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L90	813762	819711	813753	819682	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L91	813768	819710	813759	819681	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L92	813774	819708	813765	819679	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L93	813779	819706	813771	819677	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L94	813785	819704	813776	819676	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L95	813791	819702	813782	819674	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L96	813796	819701	813787	819672	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L97	813802	819699	813793	819671	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L98	813808	819697	813799	819669	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L99	813813	819697	813805	819668	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L100	813819	819694	813811	819666	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L101	813825	819692	813816	819664	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L102	813830	819690	813821	819662	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L103	813640	819747	813631	819719	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L104	813647	819745	813638	819717	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L105	813654	819743	813645	819715	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L106	813659	819741	813651	819713	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000
	L107	813666	819739	813657	819711	30	7	0.000	4	0.000	3	0.000	2	0.000	3	0.000	5	0.000	9	0.000	16	0.000	18	0.000	15	0.000	13	0.000	14	0.000	16	0.000	15	0.000	15	0.000	13	0.000	14	0.000	16	0.000	14	0.000	13	0.000	11	0.000	11	0.000	11	0.000	10	0.000

Note :

1. The 24-hour traffic profile is provided by Traffic Engineer.

Sample Calcuation of Portal Emission and Emission from Ventilation Buildings at Hour 07 - for Construction Dust Assessment

RSP Emission

Tunnel Section	Tunnel / Road	Portal / Vent Bld	Tunnel Length	Tunnel Length	Traffic Flow	Emission Factor	Total Emission	Total Emission	Emission Split		Portal Emission		Remark
									to Vent Bld	to Portal	first 50m	second 50m	
			(m)	(mile)	(veh/hr)	(g/mile-veh)	(g/hr)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	
HAT	HKBCF to Airport Tunnel	SB	882	0.548	1135	0.049	30	0.008	-	0.008	0.006	0.003	
SHT	Scenic Hill Tunnel	EB	1110	0.690	892	0.078	48	0.013	-	0.004	0.003	0.001	According to the approved EIA Study for HKLR (AEIAR-144/2009), 30%/70% portal/VB split is adopted.
		WB	1110	0.690	1504	0.073	76	0.021	-	0.006	0.004	0.002	
		VB	-	-	-	-	-	-	0.024	-	-	-	
HZMB	Hong Kong-Zhuhai-Macau Bridge Tunnel	EB	7000	4.351	892	0.082	318	0.088	-	0.027	0.018	0.009	According to the approved EIA Study for HKLR (AEIAR-144/2009), 30%/70% portal/VB split is adopted. And the total emission ventilated to VB will be equally emitted by VB (HK) and VB (PRC).
		WB	7000	4.351	1504	0.076	497	0.138	-	0.041	0.028	0.014	
		VB (HK)	-	-	-	-	-	-	0.079	-	-	-	
		VB (PRC)	-	-	-	-	-	-	0.079	-	-	-	
TMCLKL	Tuen Mun - Chek Lap Kok Link	SB	5400	3.356	2350	0.064	505	0.140	-	0.014	0.009	0.005	According to the approved EIA Study for TMCLKL (AEIAR-146/2009), 10%/90% portal/VB split is adopted.
		SBVB	-	-	-	-	-	-	0.126	-	-	-	

FSP Emission

Tunnel Section	Tunnel / Road	Portal / Vent Bld	Tunnel Length	Tunnel Length	Traffic Flow	Emission Factor	Total Emission	Total Emission	Emission Split		Portal Emission		Remark
									to Vent Bld	to Portal	first 50m	second 50m	
			(m)	(mile)	(veh/hr)	(g/mile-veh)	(g/hr)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	
HAT	HKBCF to Airport Tunnel	SB	882	0.548	1135	0.046	29	0.008	-	0.008	0.005	0.003	
SHT	Scenic Hill Tunnel	EB	1110	0.690	892	0.072	44	0.012	-	0.004	0.002	0.001	According to the approved EIA Study for HKLR (AEIAR-144/2009), 30%/70% portal/VB split is adopted.
		WB	1110	0.690	1504	0.067	70	0.019	-	0.006	0.004	0.002	
		VB	-	-	-	-	-	-	0.022	-	-	-	
HZMB	Hong Kong-Zhuhai-Macau Bridge Tunnel	EB	7000	4.351	892	0.075	291	0.081	-	0.024	0.016	0.008	According to the approved EIA Study for HKLR (AEIAR-144/2009), 30%/70% portal/VB split is adopted. And the total emission ventilated to VB will be equally emitted by VB (HK) and VB (PRC).
		WB	7000	4.351	1504	0.070	458	0.127	-	0.038	0.025	0.013	
		VB (HK)	-	-	-	-	-	-	0.073	-	-	-	
		VB (PRC)	-	-	-	-	-	-	0.073	-	-	-	
TMCLKL	Tuen Mun - Chek Lap Kok Link	SB	5400	3.356	2350	0.059	465	0.129	-	0.013	0.009	0.004	According to the approved EIA Study for TMCLKL (AEIAR-146/2009), 10%/90% portal/VB split is adopted.
		SBVB	-	-	-	-	-	-	0.116	-	-	-	

Emission Inventory for Tunnel Portal and Ventilation Building (RSP) - for Construction Dust Assessment

				Location			Point Source			Volume Source																							
Tunnel Section	**Source**	**Source ID**	**Type**	**X**	**Y**	**Release Height**	**Exit Temperature**	**Exit velocity**	**Internal diameter**	**Lateral Dim. (Sy)**	**Vertical Dim. (Sz)**	**Hourly RSP Emission Rate (g/s)**																							
				(m)	**(m)**	**(m)**	**(K)**	**(m/s)**	**(m)**	**(m)**	**(m)**	**Hr 00**	**Hr 01**	**Hr 02**	**Hr 03**	**Hr 04**	**Hr 05**	**Hr 06**	**Hr 07**	**Hr 08**	**Hr 09**	**Hr 10**	**Hr 11**	**Hr 12**	**Hr 13**	**Hr 14**	**Hr 15**	**Hr 16**	**Hr 17**	**Hr 18**	**Hr 19**	**Hr 20**	**Hr 21**	**Hr 22**	**Hr 23**
SHT	**Scenic Hill Tunnel Portal (WB)**	SHTW01	VOLUME	811107	817114	2.925	-	-	-	5.58	2.72	2.53E-04	1.56E-04	1.11E-04	9.34E-05	1.56E-04	3.64E-04	6.86E-04	8.42E-04	7.64E-04	8.11E-04	8.26E-04	8.57E-04	9.20E-04	9.04E-04	8.89E-04	8.89E-04	9.20E-04	9.04E-04	8.57E-04	7.32E-04	7.79E-04	7.79E-04	6.86E-04	4.27E-04
		SHTW02	VOLUME	811092	817107	2.925	-	-	-	5.58	2.72	2.53E-04	1.56E-04	1.11E-04	9.34E-05	1.56E-04	3.64E-04	6.86E-04	8.42E-04	7.64E-04	8.11E-04	8.26E-04	8.57E-04	9.20E-04	9.04E-04	8.89E-04	8.89E-04	9.20E-04	9.04E-04	8.57E-04	7.32E-04	7.79E-04	7.79E-04	6.86E-04	4.27E-04
		SHTW03	VOLUME	811079	817100	2.925	-	-	-	5.58	2.72	2.53E-04	1.56E-04	1.11E-04	9.34E-05	1.56E-04	3.64E-04	6.86E-04	8.42E-04	7.64E-04	8.11E-04	8.26E-04	8.57E-04	9.20E-04	9.04E-04	8.89E-04	8.89E-04	9.20E-04	9.04E-04	8.57E-04	7.32E-04	7.79E-04	7.79E-04	6.86E-04	4.27E-04
		SHTW04	VOLUME	811065	817093	2.925	-	-	-	5.58	2.72	2.53E-04	1.56E-04	1.11E-04	9.34E-05	1.56E-04	3.64E-04	6.86E-04	8.42E-04	7.64E-04	8.11E-04	8.26E-04	8.57E-04	9.20E-04	9.04E-04	8.89E-04	8.89E-04	9.20E-04	9.04E-04	8.57E-04	7.32E-04	7.79E-04	7.79E-04	6.86E-04	4.27E-04
		SHTW05	VOLUME	811051	817087	2.925	-	-	-	5.58	2.72	2.53E-04	1.56E-04	1.11E-04	9.34E-05	1.56E-04	3.64E-04	6.86E-04	8.42E-04	7.64E-04	8.11E-04	8.26E-04	8.57E-04	9.20E-04	9.04E-04	8.89E-04	8.89E-04	9.20E-04	9.04E-04	8.57E-04	7.32E-04	7.79E-04	7.79E-04	6.86E-04	4.27E-04
		SHTW06	VOLUME	811037	817080	2.925	-	-	-	5.58	2.72	1.26E-04	7.80E-05	5.54E-05	4.68E-05	7.80E-05	1.82E-04	3.43E-04	4.21E-04	3.82E-04	4.05E-04	4.13E-04	4.29E-04	4.60E-04	4.52E-04	4.44E-04	4.44E-04	4.60E-04	4.52E-04	4.29E-04	3.66E-04	3.90E-04	3.90E-04	3.43E-04	2.13E-04
		SHTW07	VOLUME	811023	817073	2.925	-	-	-	5.58	2.72	1.26E-04	7.80E-05	5.54E-05	4.68E-05	7.80E-05	1.82E-04	3.43E-04	4.21E-04	3.82E-04	4.05E-04	4.13E-04	4.29E-04	4.60E-04	4.52E-04	4.44E-04	4.44E-04	4.60E-04	4.52E-04	4.29E-04	3.66E-04	3.90E-04	3.90E-04	3.43E-04	2.13E-04
		SHTW08	VOLUME	811009	817066	2.925	-	-	-	5.58	2.72	1.26E-04	7.80E-05	5.54E-05	4.68E-05	7.80E-05	1.82E-04	3.43E-04	4.21E-04	3.82E-04	4.05E-04	4.13E-04	4.29E-04	4.60E-04	4.52E-04	4.44E-04	4.44E-04	4.60E-04	4.52E-04	4.29E-04	3.66E-04	3.90E-04	3.90E-04	3.43E-04	2.13E-04
		SHTW09	VOLUME	810995	817059	2.925	-	-	-	5.58	2.72	1.26E-04	7.80E-05	5.54E-05	4.68E-05	7.80E-05	1.82E-04	3.43E-04	4.21E-04	3.82E-04	4.05E-04	4.13E-04	4.29E-04	4.60E-04	4.52E-04	4.44E-04	4.44E-04	4.60E-04	4.52E-04	4.29E-04	3.66E-04	3.90E-04	3.90E-04	3.43E-04	2.13E-04
		SHTW10	VOLUME	810981	817052	2.925	-	-	-	5.58	2.72	1.26E-04	7.80E-05	5.54E-05	4.68E-05	7.80E-05	1.82E-04	3.43E-04	4.21E-04	3.82E-04	4.05E-04	4.13E-04	4.29E-04	4.60E-04	4.52E-04	4.44E-04	4.44E-04	4.60E-04	4.52E-04	4.29E-04	3.66E-04	3.90E-04	3.90E-04	3.43E-04	2.13E-04
	Scenic Hill Tunnel Portal (EB)	SHTE01	VOLUME	811705	817969	2.925	-	-	-	7.26	2.72	1.62E-04	1.02E-04	6.84E-05	6.00E-05	1.02E-04	2.30E-04	4.34E-04	5.33E-04	4.84E-04	5.14E-04	5.23E-04	5.43E-04	5.82E-04	5.73E-04	5.63E-04	5.63E-04	5.82E-04	5.73E-04	5.43E-04	4.70E-04	4.94E-04	4.94E-04	4.34E-04	2.70E-04
		SHTE02	VOLUME	811711	817979	2.925	-	-	-	7.26	2.72	1.62E-04	1.02E-04	6.84E-05	6.00E-05	1.02E-04	2.30E-04	4.34E-04	5.33E-04	4.84E-04	5.14E-04	5.23E-04	5.43E-04	5.82E-04	5.73E-04	5.63E-04	5.63E-04	5.82E-04	5.73E-04	5.43E-04	4.70E-04	4.94E-04	4.94E-04	4.34E-04	2.70E-04
		SHTE03	VOLUME	811718	817988	2.925	-	-	-	7.26	2.72	1.62E-04	1.02E-04	6.84E-05	6.00E-05	1.02E-04	2.30E-04	4.34E-04	5.33E-04	4.84E-04	5.14E-04	5.23E-04	5.43E-04	5.82E-04	5.73E-04	5.63E-04	5.63E-04	5.82E-04	5.73E-04	5.43E-04	4.70E-04	4.94E-04	4.94E-04	4.34E-04	2.70E-04
		SHTE04	VOLUME	811725	817998	2.925	-	-	-	7.26	2.72	1.62E-04	1.02E-04	6.84E-05	6.00E-05	1.02E-04	2.30E-04	4.34E-04	5.33E-04	4.84E-04	5.14E-04	5.23E-04	5.43E-04	5.82E-04	5.73E-04	5.63E-04	5.63E-04	5.82E-04	5.73E-04	5.43E-04	4.70E-04	4.94E-04	4.94E-04	4.34E-04	2.70E-04
		SHTE05	VOLUME	811732	818008	2.925	-	-	-	7.26	2.72	1.62E-04	1.02E-04	6.84E-05	6.00E-05	1.02E-04	2.30E-04	4.34E-04	5.33E-04	4.84E-04	5.14E-04	5.23E-04	5.43E-04	5.82E-04	5.73E-04	5.63E-04	5.63E-04	5.82E-04	5.73E-04	5.43E-04	4.70E-04	4.94E-04	4.94E-04	4.34E-04	2.70E-04
		SHTE06	VOLUME	811739	818018	2.925	-	-	-	7.26	2.72	8.10E-05	5.12E-05	3.42E-05	3.00E-05	5.12E-05	1.15E-04	2.17E-04	2.67E-04	2.42E-04	2.57E-04	2.62E-04	2.71E-04	2.91E-04	2.86E-04	2.81E-04	2.81E-04	2.91E-04	2.86E-04	2.71E-04	2.35E-04	2.47E-04	2.47E-04	2.17E-04	1.35E-04
		SHTE07	VOLUME	811745	818028	2.925	-	-	-	7.26	2.72	8.10E-05	5.12E-05	3.42E-05	3.00E-05	5.12E-05	1.15E-04	2.17E-04	2.67E-04	2.42E-04	2.57E-04	2.62E-04	2.71E-04	2.91E-04	2.86E-04	2.81E-04	2.81E-04	2.91E-04	2.86E-04	2.71E-04	2.35E-04	2.47E-04	2.47E-04	2.17E-04	1.35E-04
		SHTE08	VOLUME	811752	818038	2.925	-	-	-	7.26	2.72	8.10E-05	5.12E-05	3.42E-05	3.00E-05	5.12E-05	1.15E-04	2.17E-04	2.67E-04	2.42E-04	2.57E-04	2.62E-04	2.71E-04	2.91E-04	2.86E-04	2.81E-04	2.81E-04	2.91E-04	2.86E-04	2.71E-04	2.35E-04	2.47E-04	2.47E-04	2.17E-04	1.35E-04
		SHTE09	VOLUME	811759	818048	2.925	-	-	-	7.26	2.72	8.10E-05	5.12E-05	3.42E-05	3.00E-05	5.12E-05	1.15E-04	2.17E-04	2.67E-04	2.42E-04	2.57E-04	2.62E-04	2.71E-04	2.91E-04	2.86E-04	2.81E-04	2.81E-04	2.91E-04	2.86E-04	2.71E-04	2.35E-04	2.47E-04	2.47E-04	2.17E-04	1.35E-04
		SHTE10	VOLUME	811766	818058	2.925	-	-	-	7.26	2.72	8.10E-05	5.12E-05	3.42E-05	3.00E-05	5.12E-05	1.15E-04	2.17E-04	2.67E-04	2.42E-04	2.57E-04	2.62E-04	2.71E-04	2.91E-04	2.86E-04	2.81E-04	2.81E-04	2.91E-04	2.86E-04	2.71E-04	2.35E-04	2.47E-04	2.47E-04	2.17E-04	1.35E-04
	Scenic Hill Tunnel Ventilation Building (VB)	SHTVB	POINT	811065	817078	5	298	5	5.80	-	-	7.26E-03	4.52E-03	3.13E-03	2.68E-03	4.52E-03	1.04E-02	1.96E-02	2.41E-02	2.18E-02	2.32E-02	2.36E-02	2.45E-02	2.63E-02	2.58E-02	2.54E-02	2.54E-02	2.63E-02	2.58E-02	2.45E-02	2.10E-02	2.23E-02	2.23E-02	1.96E-02	1.22E-02
HAT	**HKBCF to Airport Tunnel Portal**	HAT01	VOLUME	811579	818758	3.5	-	-	-	5.26	3.30	4.79E-04	2.77E-04	1.84E-04	1.41E-04	1.98E-04	3.50E-04	6.27E-04	1.13E-03	1.31E-03	1.03E-03	9.22E-04	9.60E-04	1.09E-03	1.07E-03	1.07E-03	9.41E-04	9.97E-04	1.09E-03	1.02E-03	8.84E-04	7.74E-04	7.55E-04	7.52E-04	6.96E-04
		HAT02	VOLUME	811580	818769	3.5	-	-	-	5.26	3.30	4.79E-04	2.77E-04	1.84E-04	1.41E-04	1.98E-04	3.50E-04	6.27E-04	1.13E-03	1.31E-03	1.03E-03	9.22E-04	9.60E-04	1.09E-03	1.07E-03	1.07E-03	9.41E-04	9.97E-04	1.09E-03	1.02E-03	8.84E-04	7.74E-04	7.55E-04	7.52E-04	6.96E-04
		HAT03	VOLUME	811582	818780	3.50	-	-	-	5.26	3.30	4.79E-04	2.77E-04	1.84E-04	1.41E-04	1.98E-04	3.50E-04	6.27E-04	1.13E-03	1.31E-03	1.03E-03	9.22E-04	9.60E-04	1.09E-03	1.07E-03	1.07E-03	9.41E-04	9.97E-04	1.09E-03	1.02E-03	8.84E-04	7.74E-04	7.55E-04	7.52E-04	6.96E-04
		HAT04	VOLUME	811584	818791	3.50	-	-	-	5.26	3.30	4.79E-04	2.77E-04	1.84E-04	1.41E-04	1.98E-04	3.50E-04	6.27E-04	1.13E-03	1.31E-03	1.03E-03	9.22E-04	9.60E-04	1.09E-03	1.07E-03	1.07E-03	9.41E-04	9.97E-04	1.09E-03	1.02E-03	8.84E-04	7.74E-04	7.55E-04	7.52E-04	6.96E-04
		HAT05	VOLUME	811586	818802	3.50	-	-	-	5.26	3.30	4.79E-04	2.77E-04	1.84E-04	1.41E-04	1.98E-04	3.50E-04	6.27E-04	1.13E-03	1.31E-03	1.03E-03	9.22E-04	9.60E-04	1.09E-03	1.07E-03	1.07E-03	9.41E-04	9.97E-04	1.09E-03	1.02E-03	8.84E-04	7.74E-04	7.55E-04	7.52E-04	6.96E-04
		HAT06	VOLUME	811587	818813	3.50	-	-	-	5.26	3.30	2.40E-04	1.38E-04	9.20E-05	7.06E-05	9.92E-05	1.75E-04	3.13E-04	5.65E-04	6.53E-04	5.17E-04	4.61E-04	4.80E-04	5.46E-04	5.36E-04	5.36E-04	4.71E-04	4.98E-04	5.46E-04	5.08E-04	4.42E-04	3.87E-04	3.78E-04	3.76E-04	3.48E-04
		HAT07	VOLUME	811589	818825	3.50	-	-	-	5.26	3.30	2.40E-04	1.38E-04	9.20E-05	7.06E-05	9.92E-05	1.75E-04	3.13E-04	5.65E-04	6.53E-04	5.17E-04	4.61E-04	4.80E-04	5.46E-04	5.36E-04	5.36E-04	4.71E-04	4.98E-04	5.46E-04	5.08E-04	4.42E-04	3.87E-04	3.78E-04	3.76E-04	3.48E-04
		HAT08	VOLUME	811591	818836	3.50	-	-	-	5.26	3.30	2.40E-04	1.38E-04	9.20E-05	7.06E-05	9.92E-05	1.75E-04	3.13E-04	5.65E-04	6.53E-04	5.17E-04	4.61E-04	4.80E-04	5.46E-04	5.36E-04	5.36E-04	4.71E-04	4.98E-04	5.46E-04	5.08E-04	4.42E-04	3.87E-04	3.78E-04	3.76E-04	3.48E-04
		HAT09	VOLUME	811593	818847	3.50	-	-	-	5.26	3.30	2.40E-04	1.38E-04	9.20E-05	7.06E-05	9.92E-05	1.75E-04	3.13E-04	5.65E-04	6.53E-04	5.17E-04	4.61E-04	4.80E-04	5.46E-04	5.36E-04	5.36E-04	4.71E-04	4.98E-04	5.46E-04	5.08E-04	4.42E-04	3.87E-04	3.78E-04	3.76E-04	3.48E-04
		HAT10	VOLUME	811595	818858	3.50	-	-	-	5.26	3.30	2.40E-04	1.38E-04	9.20E-05	7.06E-05	9.92E-05	1.75E-04	3.13E-04	5.65E-04	6.53E-04	5.17E-04	4.61E-04	4.80E-04	5.46E-04	5.36E-04	5.36E-04	4.71E-04	4.98E-04	5.46E-04	5.08E-04	4.42E-04	3.87E-04	3.78E-04	3.76E-04	3.48E-04
HZMB	**Hong Kong-Zhuhai-Macau Bridge Tunnel Portal (EB)**	HZMBE01	VOLUME	802300	815913	2.925	-	-	-	5.58	2.72	1.06E-03	6.62E-04	4.43E-04	3.92E-04	6.62E-04	1.51E-03	2.84E-03	3.54E-03	3.21E-03	3.41E-03	3.47E-03	3.60E-03	3.86E-03	3.80E-03	3.73E-03	3.73E-03	3.86E-03	3.80E-03	3.60E-03	3.08E-03	3.27E-03	3.27E-03	2.84E-03	1.77E-03
		HZMBE02	VOLUME	802312	815909	2.925	-	-	-	5.58	2.72	1.06E-03	6.62E-04	4.43E-04	3.92E-04	6.62E-04	1.51E-03	2.84E-03	3.54E-03	3.21E-03	3.41E-03	3.47E-03	3.60E-03	3.86E-03	3.80E-03	3.73E-03	3.73E-03	3.86E-03	3.80E-03	3.60E-03	3.08E-03	3.27E-03	3.27E-03	2.84E-03	1.77E-03
		HZMBE03	VOLUME	802323	815905	2.925	-	-	-	5.58	2.72	1.06E-03	6.62E-04	4.43E-04	3.92E-04	6.62E-04	1.51E-03	2.84E-03	3.54E-03	3.21E-03	3.41E-03	3.47E-03	3.60E-03	3.86E-03	3.80E-03	3.73E-03	3.73E-03	3.86E-03	3.80E-03	3.60E-03	3.08E-03	3.27E-03	3.27E-03	2.84E-03	1.77E-03
		HZMBE04	VOLUME	802334	815902	2.925	-	-	-	5.58	2.72	1.06E-03	6.62E-04	4.43E-04	3.92E-04	6.62E-04	1.51E-03	2.84E-03	3.54E-03	3.21E-03	3.41E-03	3.47E-03	3.60E-03	3.86E-03	3.80E-03	3.73E-03	3.73E-03	3.86E-03	3.80E-03	3.60E-03	3.08E-03	3.27E-03	3.27E-03	2.84E-03	1.77E-03
		HZMBE05	VOLUME	802346	815898	2.925	-	-	-	5.58	2.72	1.06E-03	6.62E-04	4.43E-04	3.92E-04	6.62E-04	1.51E-03	2.84E-03	3.54E-03	3.21E-03	3.41E-03	3.47E-03	3.60E-03	3.86E-03	3.80E-03	3.73E-03	3.73E-03	3.86E-03	3.80E-03	3.60E-03	3.08E-03	3.27E-03	3.27E-03	2.84E-03	1.77E-03
		HZMBE06	VOLUME	802357	815895	2.925	-	-	-	5.58	2.72	5.30E-04	3.31E-04	2.21E-04	1.96E-04	3.31E-04	7.53E-04	1.42E-03	1.77E-03	1.60E-03	1.70E-03	1.73E-03	1.80E-03	1.93E-03	1.90E-03	1.87E-03	1.87E-03	1.93E-03	1.90E-03	1.80E-03	1.54E-03	1.64E-03	1.64E-03	1.42E-03	8.84E-04
		HZMBE07	VOLUME	802369	815891	2.925	-	-	-	5.58	2.72	5.30E-04	3.31E-04	2.21E-04	1.96E-04	3.31E-04	7.53E-04	1.42E-03	1.77E-03	1.60E-03	1.70E-03	1.73E-03	1.80E-03	1.93E-03	1.90E-03	1.87E-03	1.87E-03	1.93E-03	1.90E-03	1.80E-03	1.54E-03	1.64E-03	1.64E-03	1.42E-03	8.84E-04
		HZMBE08	VOLUME	802380	815887	2.925	-	-	-	5.58	2.72	5.30E-04	3.31E-04	2.21E-04	1.96E-04	3.31E-04	7.53E-04	1.42E-03	1.77E-03	1.60E-03	1.70E-03	1.73E-03	1.80E-03	1.93E-03	1.90E-03	1.87E-03	1.87E-03	1.93E-03	1.90E-03	1.80E-03	1.54E-03	1.64E-03	1.64E-03	1.42E-03	8.84E-04
		HZMBE09	VOLUME	802392	815884	2.925	-	-	-	5.58	2.72	5.30E-04	3.31E-04	2.21E-04	1.96E-04	3.31E-04	7.53E-04	1.42E-03	1.77E-03	1.60E-03	1.70E-03	1.73E-03	1.80E-03	1.93E-03	1.90E-03	1.87E-03	1.87E-03	1.93E-03	1.90E-03	1.80E-03	1.54E-03	1.64E-03	1.64E-03	1.42E-03	8.84E-04
		HZMBE10	VOLUME	802403	815880	2.925	-	-	-	5.58	2.72	5.30E-04	3.31E-04	2.21E-04	1.96E-04	3.31E-04	7.53E-04	1.42E-03	1.77E-03	1.60E-03	1.70E-03	1.73E-03	1.80E-03	1.93E-03	1.90E-03	1.87E-03	1.87E-03	1.93E-03	1.90E-03	1.80E-03	1.54E-03	1.64E-03	1.64E-03	1.42E-03	8.84E-04
	Hong Kong-Zhuhai-Macau Bridge Tunnel Portal (WB)	HZMBW01	VOLUME	795611	816073	2.925	-	-	-	7.26	2.72	1.64E-03	1.01E-03	7.16E-04	6.05E-04	1.01E-03	2.35E-03	4.50E-03	5.53E-03	5.01E-03	5.32E-03	5.42E-03	5.63E-03	6.04E-03	5.94E-03	5.83E-03	5.83E-03	6.04E-03	5.94E-03	5.63E-03	4.81E-03	5.12E-03	5.12E-03	4.50E-03	2.76E-03
		HZMBW02	VOLUME	795596	816073	2.925	-	-	-	7.26	2.72	1.64E-03	1.01E-03	7.16E-04	6.05E-04	1.01E-03	2.35E-03	4.50E-03	5.53E-03	5.01E-03	5.32E-03	5.42E-03	5.63E-03	6.04E-03	5.94E-03	5.83E-03	5.83E-03	6.04E-03	5.94E-03	5.63E-03	4.81E-03	5.12E-03	5.12E-03	4.50E-03	2.76E-03
		HZMBW03	VOLUME	795580	816073	2.925	-	-	-	7.26	2.72	1.64E-03	1.01E-03	7.16E-04	6.05E-04	1.01E-03	2.35E-03	4.50E-03	5.53E-03	5.01E-03	5.32E-03	5.42E-03	5.63E-03	6.04E-03	5.94E-03	5.83E-03	5.83E-03	6.04E-03	5.94E-03	5.63E-03	4.81E-03	5.12E-03	5.12E-03	4.50E-03	2.76E-03
		HZMBW04	VOLUME	795564	816073	2.925	-	-	-	7.26	2.72	1.64E-03	1.01E-03	7.16E-04	6.05E-04	1.01E-03	2.35E-03	4.50E-03	5.53E-03	5.01E-03	5.32E-03	5.42E-03	5.63E-03	6.04E-03	5.94E-03	5.83E-03	5.83E-03	6.04E-03	5.94E-03	5.63E-03	4.81E-03	5.12E-03	5.12E-03	4.50E-03	2.76E-03
		HZMBW05	VOLUME	795549	816073	2.925	-	-	-	7.26	2.72	1.64E-03	1.01E-03	7.16E-04	6.05E-04	1.01E-03	2.35E-03	4.50E-03	5.53E-03	5.01E-03	5.32E-03	5.42E-03	5.63E-03	6.04E-03	5.94E-03	5.83E-03	5.83E-03	6.04E-03	5.94E-03	5.63E-03	4.81E-03	5.12E-03	5.12E-03	4.50E-03	2.76E-03
		HZMBW06	VOLUME	795533	816073	2.925	-	-	-	7.26	2.72	8.19E-04	5.06E-04	3.58E-04	3.03E-04	5.06E-04	1.18E-03	2.25E-03	2.76E-03	2.51E-03	2.66E-03	2.71E-03	2.81E-03	3.02E-03	2.97E-03	2.92E-03	2.92E-03	3.02E-03	2.97E-03	2.81E-03	2.40E-03	2.56E-03	2.56E-03	2.25E-03	1.38E-03
		HZMBW07	VOLUME	795518	816073	2.925	-	-	-	7.26	2.72	8.19E-04	5.06E-04	3.58E-04	3.03E-04	5.06E-04	1.18E-03	2.25E-03	2.76E-03	2.51E-03	2.66E-03	2.71E-03	2.81E-03	3.02E-03	2.97E-03	2.92E-03	2.92E-03	3.02E-03	2.97E-03	2.81E-03	2.40E-03	2.56E-03	2.56E-03	2.25E-03	1.38E-03
		HZMBW08	VOLUME	795502	816073	2.925	-	-	-	7.26	2.72	8.19E-04	5.06E-04	3.58E-04	3.03E-04	5.06E-04	1.18E-03	2.25E-03	2.76E-03	2.51E-03	2.66E-03	2.71E-03	2.81E-03	3.02E-03	2.97E-03	2.92E-03	2.92E-03	3.02E-03	2.97E-03	2.81E-03	2.40E-03	2.56E-03	2.56E-03	2.25E-03	1.38E-03
		HZMBW09	VOLUME	795486	816073	2.925	-	-	-	7.26	2.72	8.19E-04	5.06E-04	3.58E-04	3.03E-04	5.06E-04	1.18E-03	2.25E-03	2.76E-03	2.51E-03	2.66E-03	2.71E-03	2.81E-03	3.02E-03	2.97E-03	2.92E-03	2.92E-03	3.02E-03	2.97E-03	2.81E-03	2.40E-03	2.56E-03	2.56E-03	2.25E-03	1.38E-03
		HZMBW10	VOLUME	795471	816073	2.925	-	-	-	7.26	2.72	8.19E-04	5.06E-04	3.58E-04	3.03E-04	5.06E-04	1.18E-03	2.25E-03	2.76E-03	2.51E-03	2.66E-03	2.71E-03	2.81E-03	3.02E-03	2.97E-03	2.92E-03	2.92E-03	3.02E-03	2.97E-03	2.81E-03	2.40E-03	2.56E-03	2.56E-03	2.25E-03	1.38E-03
	Hong Kong-Zhuhai-Macau Bridge Tunnel Ventilation Building (VB (HK))	HZMBEVB	POINT	802290	815901	5	298	5	5.80	-	-	2.36E-02	1.46E-02	1.01E-02	8.73E-03	1.46E-02	3.38E-02	6.43E-02	7.93E-02	7.19E-02	7.64E-02	7.78E-02	8.07E-02	8.66E-02	8.52E-02	8.37E-02	8.37E-02	8.66E-02	8.52E-02	8.07E-02	6.90E-02	7.34E-02	7.34E-02	6.43E-02	3.96E-02
	Hong Kong-Zhuhai-Macau Bridge Tunnel Ventilation Building (VB (PRC))	HZMBWVB	POINT	795624	816083	5	298	5	5.80	-	-	2.36E-02	1.46E-02	1.01E-02	8.73E-03	1.46E-02	3.38E-02	6.43E-02	7.93E-02	7.19E-02	7.64E-02	7.78E-02	8.07E-02	8.66E-02	8.52E-02	8.37E-02	8.37E-02	8.66E-02	8.52E-02	8.07E-02	6.90E-02	7.34E-02	7.34E-02	6.43E-02	3.96E-02
TMCLKL	**Tuen Mun - Chek Lap Kok Link Portal (SB)**	TMS01	VOLUME	813928	819656	2.6	-	-	-	5.40	2.42	7.03E-04	4.39E-04	3.03E-04	2.68E-04	4.39E-04	1.01E-03	1.90E-03	2.34E-03	2.12E-03	2.25E-03	2.29E-03	2.38E-03	2.55E-03	2.51E-03	2.47E-03	2.47E-03	2.55E-03	2.51E-03	2.38E-03	2.03E-03	2.16E-03	2.16E-03	1.90E-03	1.19E-03
		TMS02	VOLUME	813924	819644	2.6	-	-	-	5.40	2.42	7.03E-04	4.39E-04	3.03E-04	2.68E-04	4.39E-04	1.01E-03	1.90E-03	2.34E-03	2.12E-03	2.25E-03	2.29E-03	2.38E-03	2.55E-03	2.51E-03	2.47E-03	2.47E-03	2.55E-03	2.51E-03	2.38E-03	2.03E-03	2.16E-03	2.16E-03	1.90E-03	1.19E-03
		TMS03	VOLUME	813920	819632	2.6	-	-	-	5.40	2.42	7.03E-04	4.39E-04	3.03E-04	2.68E-04	4.39E-04	1.01E-03	1.90E-03	2.34E-03	2.12E-03	2.25E-03	2.29E-03	2.38E-03	2.55E-03	2.51E-03	2.47E-03	2.47E-03	2.55E-03	2.51E-03	2.38E-03	2.03E-03	2.16E-03	2.16E-03	1.90E-03	1.19E-03
		TMS04	VOLUME	813916	819620	2.6	-	-	-	5.40	2.42	7.03E-04	4.39E-04	3.03E-04	2.68E-04	4.39E-04	1.01E-03	1.90E-03	2.34E-03	2.12E-03	2.25E-03	2.29E-03	2.38E-03	2.55E-03	2.51E-03	2.47E-03	2.47E-03	2.55E-03	2.51E-03	2.38E-03	2.03E-03	2.16E-03	2.16E-03	1.90E-03	1.19E-03
		TMS05	VOLUME	813913	819608	2.6	-	-	-	5.40	2.42	3.52E-04	2.20E-04	1.52E-04	1.34E-04	2.20E-04	5.06E-04	9.52E-04	1.17E-03	1.06E-03	1.13E-03	1.15E-03	1.19E-03	1.28E-03	1.26E-03	1.23E-03	1.23E-03	1.28E-03	1.26E-03	1.19E-03	1.02E-03	1.08E-03	1.08E-03	9.52E-04	5.93E-04
		TMS06	VOLUME	813909	819596	2.6	-	-	-	5.40	2.42	3.52E-04	2.20E-04	1.52E-04	1.34E-04	2.20E-04	5.06E-04	9.52E-04	1.17E-03	1.06E-03	1.13E-03	1.15E-03	1.19E-03	1.28E-03	1.26E-03	1.23E-03	1.23E-03	1.28E-03	1.26E-03	1.19E-03	1.02E-03	1.08E-03	1.08E-03	9.52E-04	5.93E-04
		TMS07	VOLUME	813905	819584	2.6	-	-	-	5.40	2.42	3.52E-04	2.20E-04	1.52E-04	1.34E-04	2.20E-04	5.06E-04	9.52E-04	1.17E-03	1.06E-03	1.13E-03	1.15E-03	1.19E-03	1.28E-03	1.26E-03	1.23E-03	1.23E-03	1.28E-03	1.26E-03	1.19E-03	1.02E-03	1.08E-03	1.08E-03	9.52E-04	5.93E-04
		TMS09	VOLUME	813901	819572	2.6	-	-	-	5.40	2.42	3.52E-04	2.20E-04	1.52E-04	1.34E-04	2.20E-04	5.06E-04	9.52E-04	1.17E-03	1.06E-03	1.13E-03	1.15E-03	1.19E-03	1.28E-03	1.26E-03	1.23E-03	1.23E-03	1.28E-03	1.26E-03	1.19E-03	1.02E-03	1.08E-03	1.08E-03	9.52E-04	5.93E-04
	Tuen Mun - Chek Lap Kok Link Ventilation Building (SBVB) - Lantau side	TMSVB	POINT	814066	820429	18	298	5.7	8.06	-	-	3.80E-02	2.37E-02	1.64E-02	1.45E-02	2.37E-02	5.46E-02	1.03E-01	1.26E-01	1.14E-01	1.22E-01	1.24E-01	1.28E-01	1.38E-01	1.36E-01	1.33E-01	1.33E-01	1.38E-01	1.36E-01	1.28E-01	1.10E-01	1.17E-01	1.17E-01	1.03E-01	6.41E-02

Emission Inventory for Tunnel Portal and Ventilation Building (FSP) - for Construction Dust Assessment

				Location			Point Source			Volume Source																									
Tunnel Section	Source	Source ID	Type	X	Y	Release Height	Exit Temperature	Exit velocity	Internal diameter	Lateral Dim. (Sy)	Vertical Dim. (Sz)	Hourly FSP Emission Rate (g/s)																							
				(m)	(m)	(m)	(K)	(m/s)	(m)	(m)	(m)	Hr 00	Hr 01	Hr 02	Hr 03	Hr 04	Hr 05	Hr 06	Hr 07	Hr 08	Hr 09	Hr 10	Hr 11	Hr 12	Hr 13	Hr 14	Hr 15	Hr 16	Hr 17	Hr 18	Hr 19	Hr 20	Hr 21	Hr 22	Hr 23
SHT	Scenic Hill Tunnel Portal (WB)	SHTW01	VOLUME	811107	817114	2.925	-	-	-	5.58	2.72	2.32E-04	1.43E-04	1.02E-04	8.58E-05	1.43E-04	3.34E-04	6.39E-04	7.72E-04	7.01E-04	7.44E-04	7.58E-04	7.87E-04	8.44E-04	8.30E-04	8.16E-04	8.16E-04	8.44E-04	8.30E-04	7.87E-04	6.72E-04	7.15E-04	7.15E-04	6.39E-04	3.92E-04
		SHTW02	VOLUME	811092	817107	2.925	-	-	-	5.58	2.72	2.32E-04	1.43E-04	1.02E-04	8.58E-05	1.43E-04	3.34E-04	6.39E-04	7.72E-04	7.01E-04	7.44E-04	7.58E-04	7.87E-04	8.44E-04	8.30E-04	8.16E-04	8.16E-04	8.44E-04	8.30E-04	7.87E-04	6.72E-04	7.15E-04	7.15E-04	6.39E-04	3.92E-04
		SHTW03	VOLUME	811079	817100	2.925	-	-	-	5.58	2.72	2.32E-04	1.43E-04	1.02E-04	8.58E-05	1.43E-04	3.34E-04	6.39E-04	7.72E-04	7.01E-04	7.44E-04	7.58E-04	7.87E-04	8.44E-04	8.30E-04	8.16E-04	8.16E-04	8.44E-04	8.30E-04	7.87E-04	6.72E-04	7.15E-04	7.15E-04	6.39E-04	3.92E-04
		SHTW04	VOLUME	811065	817093	2.925	-	-	-	5.58	2.72	2.32E-04	1.43E-04	1.02E-04	8.58E-05	1.43E-04	3.34E-04	6.39E-04	7.72E-04	7.01E-04	7.44E-04	7.58E-04	7.87E-04	8.44E-04	8.30E-04	8.16E-04	8.16E-04	8.44E-04	8.30E-04	7.87E-04	6.72E-04	7.15E-04	7.15E-04	6.39E-04	3.92E-04
		SHTW05	VOLUME	811051	817087	2.925	-	-	-	5.58	2.72	2.32E-04	1.43E-04	1.02E-04	8.58E-05	1.43E-04	3.34E-04	6.39E-04	7.72E-04	7.01E-04	7.44E-04	7.58E-04	7.87E-04	8.44E-04	8.30E-04	8.16E-04	8.16E-04	8.44E-04	8.30E-04	7.87E-04	6.72E-04	7.15E-04	7.15E-04	6.39E-04	3.92E-04
		SHTW06	VOLUME	811037	817080	2.925	-	-	-	5.58	2.72	1.16E-04	7.16E-05	5.08E-05	4.28E-05	7.16E-05	1.67E-04	3.20E-04	3.86E-04	3.51E-04	3.72E-04	3.79E-04	3.93E-04	4.22E-04	4.15E-04	4.08E-04	4.08E-04	4.22E-04	4.15E-04	3.93E-04	3.36E-04	3.58E-04	3.58E-04	3.20E-04	1.96E-04
		SHTW07	VOLUME	811023	817073	2.925	-	-	-	5.58	2.72	1.16E-04	7.16E-05	5.08E-05	4.28E-05	7.16E-05	1.67E-04	3.20E-04	3.86E-04	3.51E-04	3.72E-04	3.79E-04	3.93E-04	4.22E-04	4.15E-04	4.08E-04	4.08E-04	4.22E-04	4.15E-04	3.93E-04	3.36E-04	3.58E-04	3.58E-04	3.20E-04	1.96E-04
		SHTW08	VOLUME	811009	817066	2.925	-	-	-	5.58	2.72	1.16E-04	7.16E-05	5.08E-05	4.28E-05	7.16E-05	1.67E-04	3.20E-04	3.86E-04	3.51E-04	3.72E-04	3.79E-04	3.93E-04	4.22E-04	4.15E-04	4.08E-04	4.08E-04	4.22E-04	4.15E-04	3.93E-04	3.36E-04	3.58E-04	3.58E-04	3.20E-04	1.96E-04
		SHTW09	VOLUME	810995	817059	2.925	-	-	-	5.58	2.72	1.16E-04	7.16E-05	5.08E-05	4.28E-05	7.16E-05	1.67E-04	3.20E-04	3.86E-04	3.51E-04	3.72E-04	3.79E-04	3.93E-04	4.22E-04	4.15E-04	4.08E-04	4.08E-04	4.22E-04	4.15E-04	3.93E-04	3.36E-04	3.58E-04	3.58E-04	3.20E-04	1.96E-04
		SHTW10	VOLUME	810981	817052	2.925	-	-	-	5.58	2.72	1.16E-04	7.16E-05	5.08E-05	4.28E-05	7.16E-05	1.67E-04	3.20E-04	3.86E-04	3.51E-04	3.72E-04	3.79E-04	3.93E-04	4.22E-04	4.15E-04	4.08E-04	4.08E-04	4.22E-04	4.15E-04	3.93E-04	3.36E-04	3.58E-04	3.58E-04	3.20E-04	1.96E-04
	Scenic Hill Tunnel Portal (EB)	SHTE01	VOLUME	811705	817969	2.925	-	-	-	7.26	2.72	1.50E-04	9.36E-05	6.32E-05	5.54E-05	9.36E-05	2.13E-04	4.01E-04	4.92E-04	4.46E-04	4.74E-04	4.83E-04	5.01E-04	5.38E-04	5.29E-04	5.19E-04	5.19E-04	5.38E-04	5.29E-04	5.01E-04	4.28E-04	4.56E-04	4.56E-04	4.01E-04	2.50E-04
		SHTE02	VOLUME	811711	817979	2.925	-	-	-	7.26	2.72	1.50E-04	9.36E-05	6.32E-05	5.54E-05	9.36E-05	2.13E-04	4.01E-04	4.92E-04	4.46E-04	4.74E-04	4.83E-04	5.01E-04	5.38E-04	5.29E-04	5.19E-04	5.19E-04	5.38E-04	5.29E-04	5.01E-04	4.28E-04	4.56E-04	4.56E-04	4.01E-04	2.50E-04
		SHTE03	VOLUME	811718	817988	2.925	-	-	-	7.26	2.72	1.50E-04	9.36E-05	6.32E-05	5.54E-05	9.36E-05	2.13E-04	4.01E-04	4.92E-04	4.46E-04	4.74E-04	4.83E-04	5.01E-04	5.38E-04	5.29E-04	5.19E-04	5.19E-04	5.38E-04	5.29E-04	5.01E-04	4.28E-04	4.56E-04	4.56E-04	4.01E-04	2.50E-04
		SHTE04	VOLUME	811725	817998	2.925	-	-	-	7.26	2.72	1.50E-04	9.36E-05	6.32E-05	5.54E-05	9.36E-05	2.13E-04	4.01E-04	4.92E-04	4.46E-04	4.74E-04	4.83E-04	5.01E-04	5.38E-04	5.29E-04	5.19E-04	5.19E-04	5.38E-04	5.29E-04	5.01E-04	4.28E-04	4.56E-04	4.56E-04	4.01E-04	2.50E-04
		SHTE05	VOLUME	811732	818008	2.925	-	-	-	7.26	2.72	1.50E-04	9.36E-05	6.32E-05	5.54E-05	9.36E-05	2.13E-04	4.01E-04	4.92E-04	4.46E-04	4.74E-04	4.83E-04	5.01E-04	5.38E-04	5.29E-04	5.19E-04	5.19E-04	5.38E-04	5.29E-04	5.01E-04	4.28E-04	4.56E-04	4.56E-04	4.01E-04	2.50E-04
		SHTE06	VOLUME	811739	818018	2.925	-	-	-	7.26	2.72	7.48E-05	4.68E-05	3.16E-05	2.76E-05	4.68E-05	1.06E-04	2.00E-04	2.46E-04	2.23E-04	2.37E-04	2.41E-04	2.51E-04	2.69E-04	2.64E-04	2.60E-04	2.60E-04	2.69E-04	2.64E-04	2.51E-04	2.14E-04	2.28E-04	2.28E-04	2.00E-04	1.25E-04
		SHTE07	VOLUME	811745	818028	2.925	-	-	-	7.26	2.72	7.48E-05	4.68E-05	3.16E-05	2.76E-05	4.68E-05	1.06E-04	2.00E-04	2.46E-04	2.23E-04	2.37E-04	2.41E-04	2.51E-04	2.69E-04	2.64E-04	2.60E-04	2.60E-04	2.69E-04	2.64E-04	2.51E-04	2.14E-04	2.28E-04	2.28E-04	2.00E-04	1.25E-04
		SHTE08	VOLUME	811752	818038	2.925	-	-	-	7.26	2.72	7.48E-05	4.68E-05	3.16E-05	2.76E-05	4.68E-05	1.06E-04	2.00E-04	2.46E-04	2.23E-04	2.37E-04	2.41E-04	2.51E-04	2.69E-04	2.64E-04	2.60E-04	2.60E-04	2.69E-04	2.64E-04	2.51E-04	2.14E-04	2.28E-04	2.28E-04	2.00E-04	1.25E-04
		SHTE09	VOLUME	811759	818048	2.925	-	-	-	7.26	2.72	7.48E-05	4.68E-05	3.16E-05	2.76E-05	4.68E-05	1.06E-04	2.00E-04	2.46E-04	2.23E-04	2.37E-04	2.41E-04	2.51E-04	2.69E-04	2.64E-04	2.60E-04	2.60E-04	2.69E-04	2.64E-04	2.51E-04	2.14E-04	2.28E-04	2.28E-04	2.00E-04	1.25E-04
		SHTE10	VOLUME	811766	818058	2.925	-	-	-	7.26	2.72	7.48E-05	4.68E-05	3.16E-05	2.76E-05	4.68E-05	1.06E-04	2.00E-04	2.46E-04	2.23E-04	2.37E-04	2.41E-04	2.51E-04	2.69E-04	2.64E-04	2.60E-04	2.60E-04	2.69E-04	2.64E-04	2.51E-04	2.14E-04	2.28E-04	2.28E-04	2.00E-04	1.25E-04
	Scenic Hill Tunnel Ventilation Building (VB)	SHTVB	POINT	811065	817078	5	298	5	5.80	-	-	6.69E-03	4.15E-03	2.88E-03	2.47E-03	4.15E-03	9.57E-03	1.82E-02	2.21E-02	2.01E-02	2.13E-02	2.17E-02	2.25E-02	2.42E-02	2.38E-02	2.34E-02	2.34E-02	2.42E-02	2.38E-02	2.25E-02	1.93E-02	2.05E-02	2.05E-02	1.82E-02	1.12E-02
HAT	HKBCF to Airport Tunnel Portal	HAT01	VOLUME	811579	818758	3.5	-	-	-	5.26	3.30	4.40E-04	2.54E-04	1.73E-04	1.29E-04	1.82E-04	3.21E-04	5.74E-04	1.06E-03	1.20E-03	9.50E-04	8.47E-04	8.82E-04	1.00E-03	9.85E-04	9.85E-04	8.64E-04	9.15E-04	1.00E-03	9.33E-04	8.12E-04	7.25E-04	7.08E-04	6.91E-04	6.40E-04
		HAT02	VOLUME	811580	818769	3.5	-	-	-	5.26	3.30	4.40E-04	2.54E-04	1.73E-04	1.29E-04	1.82E-04	3.21E-04	5.74E-04	1.06E-03	1.20E-03	9.50E-04	8.47E-04	8.82E-04	1.00E-03	9.85E-04	9.85E-04	8.64E-04	9.15E-04	1.00E-03	9.33E-04	8.12E-04	7.25E-04	7.08E-04	6.91E-04	6.40E-04
		HAT03	VOLUME	811582	818780	3.50	-	-	-	5.26	3.30	4.40E-04	2.54E-04	1.73E-04	1.29E-04	1.82E-04	3.21E-04	5.74E-04	1.06E-03	1.20E-03	9.50E-04	8.47E-04	8.82E-04	1.00E-03	9.85E-04	9.85E-04	8.64E-04	9.15E-04	1.00E-03	9.33E-04	8.12E-04	7.25E-04	7.08E-04	6.91E-04	6.40E-04
		HAT04	VOLUME	811584	818791	3.50	-	-	-	5.26	3.30	4.40E-04	2.54E-04	1.73E-04	1.29E-04	1.82E-04	3.21E-04	5.74E-04	1.06E-03	1.20E-03	9.50E-04	8.47E-04	8.82E-04	1.00E-03	9.85E-04	9.85E-04	8.64E-04	9.15E-04	1.00E-03	9.33E-04	8.12E-04	7.25E-04	7.08E-04	6.91E-04	6.40E-04
		HAT05	VOLUME	811586	818802	3.50	-	-	-	5.26	3.30	4.40E-04	2.54E-04	1.73E-04	1.29E-04	1.82E-04	3.21E-04	5.74E-04	1.06E-03	1.20E-03	9.50E-04	8.47E-04	8.82E-04	1.00E-03	9.85E-04	9.85E-04	8.64E-04	9.15E-04	1.00E-03	9.33E-04	8.12E-04	7.25E-04	7.08E-04	6.91E-04	6.40E-04
		HAT06	VOLUME	811587	818813	3.50	-	-	-	5.26	3.30	2.20E-04	1.27E-04	8.64E-05	6.44E-05	9.08E-05	1.60E-04	2.87E-04	5.30E-04	6.01E-04	4.75E-04	4.23E-04	4.41E-04	5.01E-04	4.92E-04	4.92E-04	4.32E-04	4.58E-04	5.01E-04	4.66E-04	4.06E-04	3.63E-04	3.54E-04	3.45E-04	3.20E-04
		HAT07	VOLUME	811589	818825	3.50	-	-	-	5.26	3.30	2.20E-04	1.27E-04	8.64E-05	6.44E-05	9.08E-05	1.60E-04	2.87E-04	5.30E-04	6.01E-04	4.75E-04	4.23E-04	4.41E-04	5.01E-04	4.92E-04	4.92E-04	4.32E-04	4.58E-04	5.01E-04	4.66E-04	4.06E-04	3.63E-04	3.54E-04	3.45E-04	3.20E-04
		HAT08	VOLUME	811591	818836	3.50	-	-	-	5.26	3.30	2.20E-04	1.27E-04	8.64E-05	6.44E-05	9.08E-05	1.60E-04	2.87E-04	5.30E-04	6.01E-04	4.75E-04	4.23E-04	4.41E-04	5.01E-04	4.92E-04	4.92E-04	4.32E-04	4.58E-04	5.01E-04	4.66E-04	4.06E-04	3.63E-04	3.54E-04	3.45E-04	3.20E-04
		HAT09	VOLUME	811593	818847	3.50	-	-	-	5.26	3.30	2.20E-04	1.27E-04	8.64E-05	6.44E-05	9.08E-05	1.60E-04	2.87E-04	5.30E-04	6.01E-04	4.75E-04	4.23E-04	4.41E-04	5.01E-04	4.92E-04	4.92E-04	4.32E-04	4.58E-04	5.01E-04	4.66E-04	4.06E-04	3.63E-04	3.54E-04	3.45E-04	3.20E-04
		HAT10	VOLUME	811595	818858	3.50	-	-	-	5.26	3.30	2.20E-04	1.27E-04	8.64E-05	6.44E-05	9.08E-05	1.60E-04	2.87E-04	5.30E-04	6.01E-04	4.75E-04	4.23E-04	4.41E-04	5.01E-04	4.92E-04	4.92E-04	4.32E-04	4.58E-04	5.01E-04	4.66E-04	4.06E-04	3.63E-04	3.54E-04	3.45E-04	3.20E-04
HZMB	Hong Kong-Zhuhai-Macau Bridge Tunnel Portal (EB)	HZMBE01	VOLUME	802300	815913	2.925	-	-	-	5.58	2.72	9.70E-04	6.14E-04	4.09E-04	3.59E-04	6.14E-04	1.38E-03	2.63E-03	3.23E-03	2.93E-03	3.11E-03	3.17E-03	3.29E-03	3.53E-03	3.47E-03	3.41E-03	3.41E-03	3.53E-03	3.47E-03	3.29E-03	2.81E-03	2.99E-03	2.99E-03	2.63E-03	1.62E-03
		HZMBE02	VOLUME	802312	815909	2.925	-	-	-	5.58	2.72	9.70E-04	6.14E-04	4.09E-04	3.59E-04	6.14E-04	1.38E-03	2.63E-03	3.23E-03	2.93E-03	3.11E-03	3.17E-03	3.29E-03	3.53E-03	3.47E-03	3.41E-03	3.41E-03	3.53E-03	3.47E-03	3.29E-03	2.81E-03	2.99E-03	2.99E-03	2.63E-03	1.62E-03
		HZMBE03	VOLUME	802323	815905	2.925	-	-	-	5.58	2.72	9.70E-04	6.14E-04	4.09E-04	3.59E-04	6.14E-04	1.38E-03	2.63E-03	3.23E-03	2.93E-03	3.11E-03	3.17E-03	3.29E-03	3.53E-03	3.47E-03	3.41E-03	3.41E-03	3.53E-03	3.47E-03	3.29E-03	2.81E-03	2.99E-03	2.99E-03	2.63E-03	1.62E-03
		HZMBE04	VOLUME	802334	815902	2.925	-	-	-	5.58	2.72	9.70E-04	6.14E-04	4.09E-04	3.59E-04	6.14E-04	1.38E-03	2.63E-03	3.23E-03	2.93E-03	3.11E-03	3.17E-03	3.29E-03	3.53E-03	3.47E-03	3.41E-03	3.41E-03	3.53E-03	3.47E-03	3.29E-03	2.81E-03	2.99E-03	2.99E-03	2.63E-03	1.62E-03
		HZMBE05	VOLUME	802346	815898	2.925	-	-	-	5.58	2.72	9.70E-04	6.14E-04	4.09E-04	3.59E-04	6.14E-04	1.38E-03	2.63E-03	3.23E-03	2.93E-03	3.11E-03	3.17E-03	3.29E-03	3.53E-03	3.47E-03	3.41E-03	3.41E-03	3.53E-03	3.47E-03	3.29E-03	2.81E-03	2.99E-03	2.99E-03	2.63E-03	1.62E-03
		HZMBE06	VOLUME	802357	815895	2.925	-	-	-	5.58	2.72	4.85E-04	3.07E-04	2.05E-04	1.79E-04	3.07E-04	6.89E-04	1.32E-03	1.62E-03	1.47E-03	1.56E-03	1.59E-03	1.65E-03	1.77E-03	1.74E-03	1.71E-03	1.71E-03	1.77E-03	1.74E-03	1.65E-03	1.41E-03	1.50E-03	1.50E-03	1.32E-03	8.08E-04
		HZMBE07	VOLUME	802369	815891	2.925	-	-	-	5.58	2.72	4.85E-04	3.07E-04	2.05E-04	1.79E-04	3.07E-04	6.89E-04	1.32E-03	1.62E-03	1.47E-03	1.56E-03	1.59E-03	1.65E-03	1.77E-03	1.74E-03	1.71E-03	1.71E-03	1.77E-03	1.74E-03	1.65E-03	1.41E-03	1.50E-03	1.50E-03	1.32E-03	8.08E-04
		HZMBE08	VOLUME	802380	815887	2.925	-	-	-	5.58	2.72	4.85E-04	3.07E-04	2.05E-04	1.79E-04	3.07E-04	6.89E-04	1.32E-03	1.62E-03	1.47E-03	1.56E-03	1.59E-03	1.65E-03	1.77E-03	1.74E-03	1.71E-03	1.71E-03	1.77E-03	1.74E-03	1.65E-03	1.41E-03	1.50E-03	1.50E-03	1.32E-03	8.08E-04
		HZMBE09	VOLUME	802392	815884	2.925	-	-	-	5.58	2.72	4.85E-04	3.07E-04	2.05E-04	1.79E-04	3.07E-04	6.89E-04	1.32E-03	1.62E-03	1.47E-03	1.56E-03	1.59E-03	1.65E-03	1.77E-03	1.74E-03	1.71E-03	1.71E-03	1.77E-03	1.74E-03	1.65E-03	1.41E-03	1.50E-03	1.50E-03	1.32E-03	8.08E-04
		HZMBE10	VOLUME	802403	815880	2.925	-	-	-	5.58	2.72	4.85E-04	3.07E-04	2.05E-04	1.79E-04	3.07E-04	6.89E-04	1.32E-03	1.62E-03	1.47E-03	1.56E-03	1.59E-03	1.65E-03	1.77E-03	1.74E-03	1.71E-03	1.71E-03	1.77E-03	1.74E-03	1.65E-03	1.41E-03	1.50E-03	1.50E-03	1.32E-03	8.08E-04
	Hong Kong-Zhuhai-Macau Bridge Tunnel Portal (WB)	HZMBW01	VOLUME	795611	816073	2.925	-	-	-	7.26	2.72	1.51E-03	9.31E-04	6.60E-04	5.57E-04	9.31E-04	2.17E-03	4.15E-03	5.09E-03	4.62E-03	4.90E-03	4.99E-03	5.18E-03	5.56E-03	5.47E-03	5.37E-03	5.37E-03	5.56E-03	5.47E-03	5.18E-03	4.43E-03	4.71E-03	4.71E-03	4.15E-03	2.54E-03
		HZMBW02	VOLUME	795596	816073	2.925	-	-	-	7.26	2.72	1.51E-03	9.31E-04	6.60E-04	5.57E-04	9.31E-04	2.17E-03	4.15E-03	5.09E-03	4.62E-03	4.90E-03	4.99E-03	5.18E-03	5.56E-03	5.47E-03	5.37E-03	5.37E-03	5.56E-03	5.47E-03	5.18E-03	4.43E-03	4.71E-03	4.71E-03	4.15E-03	2.54E-03
		HZMBW03	VOLUME	795580	816073	2.925	-	-	-	7.26	2.72	1.51E-03	9.31E-04	6.60E-04	5.57E-04	9.31E-04	2.17E-03	4.15E-03	5.09E-03	4.62E-03	4.90E-03	4.99E-03	5.18E-03	5.56E-03	5.47E-03	5.37E-03	5.37E-03	5.56E-03	5.47E-03	5.18E-03	4.43E-03	4.71E-03	4.71E-03	4.15E-03	2.54E-03
		HZMBW04	VOLUME	795564	816073	2.925	-	-	-	7.26	2.72	1.51E-03	9.31E-04	6.60E-04	5.57E-04	9.31E-04	2.17E-03	4.15E-03	5.09E-03	4.62E-03	4.90E-03	4.99E-03	5.18E-03	5.56E-03	5.47E-03	5.37E-03	5.37E-03	5.56E-03	5.47E-03	5.18E-03	4.43E-03	4.71E-03	4.71E-03	4.15E-03	2.54E-03
		HZMBW05	VOLUME	795549	816073	2.925	-	-	-	7.26	2.72	1.51E-03	9.31E-04	6.60E-04	5.57E-04	9.31E-04	2.17E-03	4.15E-03	5.09E-03	4.62E-03	4.90E-03	4.99E-03	5.18E-03	5.56E-03	5.47E-03	5.37E-03	5.37E-03	5.56E-03	5.47E-03	5.18E-03	4.43E-03	4.71E-03	4.71E-03	4.15E-03	2.54E-03
		HZMBW06	VOLUME	795533	816073	2.925	-	-	-	7.26	2.72	7.55E-04	4.65E-04	3.30E-04	2.79E-04	4.65E-04	1.08E-03	2.07E-03	2.54E-03	2.31E-03	2.45E-03	2.50E-03	2.59E-03	2.78E-03	2.73E-03	2.69E-03	2.69E-03	2.78E-03	2.73E-03	2.59E-03	2.21E-03	2.36E-03	2.36E-03	2.07E-03	1.27E-03
		HZMBW07	VOLUME	795518	816073	2.925	-	-	-	7.26	2.72	7.55E-04	4.65E-04	3.30E-04	2.79E-04	4.65E-04	1.08E-03	2.07E-03	2.54E-03	2.31E-03	2.45E-03	2.50E-03	2.59E-03	2.78E-03	2.73E-03	2.69E-03	2.69E-03	2.78E-03	2.73E-03	2.59E-03	2.21E-03	2.36E-03	2.36E-03	2.07E-03	1.27E-03
		HZMBW08	VOLUME	795502	816073	2.925	-	-	-	7.26	2.72	7.55E-04	4.65E-04	3.30E-04	2.79E-04	4.65E-04	1.08E-03	2.07E-03	2.54E-03	2.31E-03	2.45E-03	2.50E-03	2.59E-03	2.78E-03	2.73E-03	2.69E-03	2.69E-03	2.78E-03	2.73E-03	2.59E-03	2.21E-03	2.36E-03	2.36E-03	2.07E-03	1.27E-03
		HZMBW09	VOLUME	795486	816073	2.925	-	-	-	7.26	2.72	7.55E-04	4.65E-04	3.30E-04	2.79E-04	4.65E-04	1.08E-03	2.07E-03	2.54E-03	2.31E-03	2.45E-03	2.50E-03	2.59E-03	2.78E-03	2.73E-03	2.69E-03	2.69E-03	2.78E-03	2.73E-03	2.59E-03	2.21E-03	2.36E-03	2.36E-03	2.07E-03	1.27E-03
		HZMBW10	VOLUME	795471	816073	2.925	-	-	-	7.26	2.72	7.55E-04	4.65E-04	3.30E-04	2.79E-04	4.65E-04	1.08E-03	2.07E-03	2.54E-03	2.31E-03	2.45E-03	2.50E-03	2.59E-03	2.78E-03	2.73E-03	2.69E-03	2.69E-03	2.78E-03	2.73E-03	2.59E-03	2.21E-03	2.36E-03	2.36E-03	2.07E-03	1.27E-03
	Hong Kong-Zhuhai-Macau Bridge Tunnel Ventilation Building (VB (HK))	HZMBEVB	POINT	802290	815901	5	298	5	5.80	-	-	2.17E-02	1.35E-02	9.36E-03	8.01E-03	1.35E-02	3.10E-02	5.93E-02	7.28E-02	6.61E-02	7.02E-02	7.15E-02	7.42E-02	7.96E-02	7.82E-02	7.69E-02	7.69E-02	7.96E-02	7.82E-02	7.42E-02	6.34E-02	6.74E-02	6.74E-02	5.93E-02	3.64E-02
	Hong Kong-Zhuhai-Macau Bridge Tunnel Ventilation Building (VB (PRC))	HZMBWVB	POINT	795624	816083	5	298	5	5.80	-	-	2.17E-02	1.35E-02	9.36E-03	8.01E-03	1.35E-02	3.10E-02	5.93E-02	7.28E-02	6.61E-02	7.02E-02	7.15E-02	7.42E-02	7.96E-02	7.82E-02	7.69E-02	7.69E-02	7.96E-02	7.82E-02	7.42E-02	6.34E-02	6.74E-02	6.74E-02	5.93E-02	3.64E-02
TMCLKL	Tuen Mun - Chek Lap Kok Link Portal (SB)	TMS01	VOLUME	813928	819656	2.6	-	-	-	5.40	2.42	6.38E-04	3.99E-04	2.80E-04	2.47E-04	3.99E-04	9.18E-04	1.75E-03	2.15E-03	1.95E-03	2.07E-03	2.11E-03	2.19E-03	2.35E-03	2.31E-03	2.27E-03	2.27E-03	2.35E-03	2.31E-03	2.19E-03	1.87E-03	1.99E-03	1.99E-03	1.75E-03	1.08E-03
		TMS02	VOLUME	813924	819644	2.6	-	-	-	5.40	2.42	6.38E-04	3.99E-04	2.80E-04	2.47E-04	3.99E-04	9.18E-04	1.75E-03	2.15E-03	1.95E-03	2.07E-03	2.11E-03	2.19E-03	2.35E-03	2.31E-03	2.27E-03	2.27E-03	2.35E-03	2.31E-03	2.19E-03	1.87E-03	1.99E-03	1.99E-03	1.75E-03	1.08E-03
		TMS03	VOLUME	813920	819632	2.6	-	-	-	5.40	2.42	6.38E-04	3.99E-04	2.80E-04	2.47E-04	3.99E-04	9.18E-04	1.75E-03	2.15E-03	1.95E-03	2.07E-03	2.11E-03	2.19E-03	2.35E-03	2.31E-03	2.27E-03	2.27E-03	2.35E-03	2.31E-03	2.19E-03	1.87E-03	1.99E-03	1.99E-03	1.75E-03	1.08E-03
		TMS04	VOLUME	813916	819620	2.6	-	-	-	5.40	2.42	6.38E-04	3.99E-04	2.80E-04	2.47E-04	3.99E-04	9.18E-04	1.75E-03	2.15E-03	1.95E-03	2.07E-03	2.11E-03	2.19E-03	2.35E-03	2.31E-03	2.27E-03	2.27E-03	2.35E-03	2.31E-03	2.19E-03	1.87E-03	1.99E-03	1.99E-03	1.75E-03	1.08E-03
		TMS05	VOLUME	813913	819608	2.6	-	-	-	5.40	2.42	3.19E-04	2.00E-04	1.40E-04	1.24E-04	2.00E-04	4.59E-04	8.77E-04	1.08E-03	9.77E-04	1.04E-03	1.06E-03	1.10E-03	1.18E-03	1.16E-03	1.14E-03	1.14E-03	1.18E-03	1.16E-03	1.10E-03	9.37E-04	9.98E-04	9.98E-04	8.77E-04	5.39E-04
		TMS06	VOLUME	813909	819596	2.6	-	-	-	5.40	2.42	3.19E-04	2.00E-04	1.40E-04	1.24E-04	2.00E-04	4.59E-04	8.77E-04	1.08E-03	9.77E-04	1.04E-03	1.06E-03	1.10E-03	1.18E-03	1.16E-03	1.14E-03	1.14E-03	1.18E-03	1.16E-03	1.10E-03	9.37E-04	9.98E-04	9.98E-04	8.77E-04	5.39E-04
		TMS07	VOLUME	813905	819584	2.6	-	-	-	5.40	2.42	3.19E-04	2.00E-04	1.40E-04	1.24E-04	2.00E-04	4.59E-04	8.77E-04	1.08E-03	9.77E-04	1.04E-03	1.06E-03	1.10E-03	1.18E-03	1.16E-03	1.14E-03	1.14E-03	1.18E-03	1.16E-03	1.10E-03	9.37E-04	9.98E-04	9.98E-04	8.77E-04	5.39E-04
		TMS09	VOLUME	813901	819572	2.6	-	-	-	5.40	2.42	3.19E-04	2.00E-04	1.40E-04	1.24E-04	2.00E-04	4.59E-04	8.77E-04	1.08E-03	9.77E-04	1.04E-03	1.06E-03	1.10E-03	1.18E-03	1.16E-03	1.14E-03	1.14E-03	1.18E-03	1.16E-03	1.10E-03	9.37E-04	9.98E-04	9.98E-04	8.77E-04	5.39E-04
	Tuen Mun - Chek Lap Kok Link Ventilation Building (SBVB) - Lantau side	TMSVB	POINT	814066	820429	18	298	5.7	8.06	-	-	3.45E-02	2.15E-02	1.51E-02	1.34E-02	2.15E-02	4.96E-02	9.47E-02	1.16E-01	1.06E-01	1.12E-01	1.14E-01	1.18E-01	1.27E-01	1.25E-01	1.23E-01	1.23E-01	1.27E-01	1.25E-01	1.18E-01	1.01E-01	1.08E-01	1.08E-01	9.47E-02	5.82E-02