

## ***Appendix 4.5***

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### ***Summary of Emission Inventory for ISC Modelling***



Appendix 4.5 Summary of Emission Inventory for ISC Modelling

	Source	Type	X	Y	Stack Height / Release Height	Exit Temperature	Exit Velocity	Stack Diameter / Length of X Side / Initial Lateral Dimension	Length of Y Side / Initial Vertical Dimension	Peak Hour Emission Rate	
										NOx	RSP
										(g/s) or (g/m <sup>2</sup> /s)	
Planned Heliport at the End of Runway <sup>(3)</sup>	1045	VOLUME	840152.9	818161.6	31	-	-	3.26	1.03	3.400E-04	9.367E-05
	1046	VOLUME	840157.5	818167.0	30	-	-	3.26	1.03	3.400E-04	9.367E-05
	1047	VOLUME	840162.1	818172.4	29	-	-	3.26	1.03	3.400E-04	9.367E-05
	1048	VOLUME	840166.7	818177.8	27	-	-	3.26	1.03	3.400E-04	9.367E-05
	1049	VOLUME	840171.3	818183.2	26	-	-	3.26	1.03	3.400E-04	9.367E-05
	1050	VOLUME	840175.9	818188.6	25	-	-	3.26	1.03	3.400E-04	9.367E-05
	1051	VOLUME	840180.5	818194.0	24	-	-	3.26	1.03	3.400E-04	9.367E-05
	1052	VOLUME	840185.1	818199.4	23	-	-	3.26	1.03	3.400E-04	9.367E-05
	1053	VOLUME	840189.7	818204.8	22	-	-	3.26	1.03	3.400E-04	9.367E-05
	1054	VOLUME	840194.3	818210.2	21	-	-	3.26	1.03	3.400E-04	9.367E-05
	1055	VOLUME	840198.9	818215.6	20	-	-	3.26	1.03	3.400E-04	9.367E-05
	1056	VOLUME	840203.5	818221.0	19	-	-	3.26	1.03	3.400E-04	9.367E-05
	1057	VOLUME	840208.1	818226.4	18	-	-	3.26	1.03	3.400E-04	9.367E-05
	1058	VOLUME	840212.7	818231.8	16	-	-	3.26	1.03	3.400E-04	9.367E-05
	1059	VOLUME	840217.3	818237.2	15	-	-	3.26	1.03	3.400E-04	9.367E-05
	1060	VOLUME	840221.9	818242.6	14	-	-	3.26	1.03	3.400E-04	9.367E-05
	1061	VOLUME	840226.5	818248.0	13	-	-	3.26	1.03	3.400E-04	9.367E-05
	1062	VOLUME	840231.1	818253.4	12	-	-	3.26	1.03	3.400E-04	9.367E-05
	1063	VOLUME	840235.7	818258.8	11	-	-	3.26	1.03	3.400E-04	9.367E-05
	1064	VOLUME	840240.3	818264.2	10	-	-	3.26	1.03	3.400E-04	9.367E-05
	1065	VOLUME	840244.9	818269.6	9	-	-	3.26	1.03	3.400E-04	9.367E-05
	1066	VOLUME	840249.5	818275.0	8	-	-	3.26	1.03	3.400E-04	9.367E-05
	1067	VOLUME	840254.1	818280.4	6	-	-	3.26	1.03	3.400E-04	9.367E-05
	1068	VOLUME	840258.7	818285.8	5	-	-	3.26	1.03	3.400E-04	9.367E-05
	1069	VOLUME	840263.3	818291.2	4	-	-	3.26	1.03	3.400E-04	9.367E-05
	1070	VOLUME	840267.9	818296.6	3	-	-	3.26	1.03	3.400E-04	9.367E-05
	1071	VOLUME	840272.5	818302.0	2	-	-	3.26	1.03	3.400E-04	9.367E-05
	1072	VOLUME	840275.4	818301.8	0	-	-	3.26	1.03	2.469E-02	6.803E-03
	1073	VOLUME	840275.4	818301.8	0	-	-	3.26	1.03	3.394E-02	1.697E-02
	1074	VOLUME	840275.4	818301.8	0	-	-	3.26	1.03	6.705E-02	1.266E-02
	1101	VOLUME	840277.7	818304.5	2	-	-	3.26	1.03	2.056E-04	3.883E-05
	1102	VOLUME	840282.3	818309.9	2	-	-	3.26	1.03	2.056E-04	3.883E-05
	1103	VOLUME	840286.9	818315.3	2	-	-	3.26	1.03	2.056E-04	3.883E-05
	1104	VOLUME	840291.5	818320.7	2	-	-	3.26	1.03	2.056E-04	3.883E-05
	1105	VOLUME	840272.5	818266.7	2	-	-	3.26	1.03	2.056E-04	3.883E-05
	1106	VOLUME	840272.5	818266.7	2	-	-	3.26	1.03	2.056E-04	3.883E-05
	1107	VOLUME	840267.8	818261.5	2	-	-	3.26	1.03	2.056E-04	3.883E-05
	1108	VOLUME	840263.1	818256.3	2	-	-	3.26	1.03	2.056E-04	3.883E-05
	1109	VOLUME	840258.4	818251.1	2	-	-	3.26	1.03	2.056E-04	3.883E-05
	1110	VOLUME	840253.7	818245.9	2	-	-	3.26	1.03	2.056E-04	3.883E-05
	1111	VOLUME	840249.0	818240.7	2	-	-	3.26	1.03	2.056E-04	3.883E-05
	1112	VOLUME	840244.3	818235.5	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1113	VOLUME	840239.6	818230.3	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1114	VOLUME	840234.9	818225.1	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1115	VOLUME	840230.2	818219.9	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1116	VOLUME	840225.5	818214.7	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1117	VOLUME	840220.8	818209.5	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1118	VOLUME	840216.1	818204.3	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1119	VOLUME	840211.4	818199.1	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1120	VOLUME	840206.7	818193.9	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1121	VOLUME	840202.0	818188.7	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1122	VOLUME	840197.3	818183.5	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1123	VOLUME	840192.6	818178.3	3	-	-	3.26	1.03	2.056E-04	3.883E-05
	1124	VOLUME	840187.9	818173.1	4	-	-	3.26	1.03	2.056E-04	3.883E-05
	1125	VOLUME	840183.2	818167.9	4	-	-	3.26	1.03	2.056E-04	3.883E-05
	1126	VOLUME	840178.5	818162.7	4	-	-	3.26	1.03	2.056E-04	3.883E-05
	1127	VOLUME	840173.8	818157.5	4	-	-	3.26	1.03	2.056E-04	3.883E-05
	1128	VOLUME	840169.1	818152.3	4	-	-	3.26	1.03	2.056E-04	3.883E-05
	1129	VOLUME	840164.4	818147.1	4	-	-	3.26	1.03	2.056E-04	3.883E-05
	1130	VOLUME	840159.7	818141.9	6	-	-	3.26	1.03	2.056E-04	3.883E-05
	1131	VOLUME	840155.0	818136.7	7	-	-	3.26	1.03	2.056E-04	3.883E-05
	1132	VOLUME	840150.3	818131.5	9	-	-	3.26	1.03	2.056E-04	3.883E-05
	1133	VOLUME	840145.6	818126.3	10	-	-	3.26	1.03	2.056E-04	3.883E-05
	1134	VOLUME	840140.9	818121.1	12	-	-	3.26	1.03	2.056E-04	3.883E-05
	1135	VOLUME	840136.2	818115.9	14	-	-	3.26	1.03	2.056E-04	3.883E-05
	1136	VOLUME	840131.5	818110.7	15	-	-	3.26	1.03	2.056E-04	3.883E-05
	1137	VOLUME	840126.8	818105.5	17	-	-	3.26	1.03	2.056E-04	3.883E-05
	1138	VOLUME	840122.1	818100.3	19	-	-	3.26	1.03	2.056E-04	3.883E-05
	1139	VOLUME	840117.4	818095.1	20	-	-	3.26	1.03	2.056E-04	3.883E-05
	1140	VOLUME	840112.7	818089.9	22	-	-	3.26	1.03	2.056E-04	3.883E-05
	1141	VOLUME	840108.0	818084.7	23	-	-	3.26	1.03	2.056E-04	3.883E-05
	1142	VOLUME	840103.3	818079.5	25	-	-	3.26	1.03	2.056E-04	3.883E-05
	1143	VOLUME	840098.6	818074.3	27	-	-	3.26	1.03	2.056E-04	3.883E-05
	1144	VOLUME	840093.9	818069.1	28	-	-	3.26	1.03	2.056E-04	3.883E-05
	1145	VOLUME	840089.2	818063.9	30	-	-	3.26	1.03	2.056E-04	3.883E-05
	1146	VOLUME	840084.5	818058.7	31	-	-	3.26	1.03	2.056E-04	3.883E-05
	1147	VOLUME	840079.8	818053.5	33	-	-	3.26	1.03	2.056E-04	3.883E-05
	1148	VOLUME	840075.1	818048.3	35	-	-	3.26	1.03	2.056E-04	3.883E-05
	1149	VOLUME	840070.4	818043.1	36	-	-	3.26	1.03	2.056E-04	3.883E-05

Appendix 4.5 Summary of Emission Inventory for ISC Modelling

	Source	Type	X	Y	Stack Height / Release Height	Exit Temperature	Exit Velocity	Stack Diameter / Length of X Side / Initial Lateral Dimension	Length of Y Side / Initial Vertical Dimension	Peak Hour Emission Rate	
										NOx	RSP
										(g/s) or (g/m <sup>2</sup> /s)	
Planned Heliport at the End of Runway [3]	1150	VOLUME	840065.7	818037.9	38	-	-	3.26	1.03	2.056E-04	3.883E-05
	1151	VOLUME	840061.0	818032.7	40	-	-	3.26	1.03	2.056E-04	3.883E-05
	1152	VOLUME	840056.3	818027.5	41	-	-	3.26	1.03	2.056E-04	3.883E-05
	1153	VOLUME	840051.6	818022.3	43	-	-	3.26	1.03	2.056E-04	3.883E-05
	1154	VOLUME	840046.9	818017.1	44	-	-	3.26	1.03	2.056E-04	3.883E-05
	1155	VOLUME	840042.2	818011.9	46	-	-	3.26	1.03	2.056E-04	3.883E-05
	1156	VOLUME	840037.5	818006.7	48	-	-	3.26	1.03	2.056E-04	3.883E-05
	1157	VOLUME	840032.8	818001.5	49	-	-	3.26	1.03	2.056E-04	3.883E-05
	1158	VOLUME	840028.1	817996.3	51	-	-	3.26	1.03	2.056E-04	3.883E-05
	1159	VOLUME	840023.4	817991.1	52	-	-	3.26	1.03	2.056E-04	3.883E-05
	1160	VOLUME	840018.7	817985.9	54	-	-	3.26	1.03	2.056E-04	3.883E-05
	1161	VOLUME	840014.0	817980.7	56	-	-	3.26	1.03	2.056E-04	3.883E-05
	1162	VOLUME	840009.3	817975.5	57	-	-	3.26	1.03	2.056E-04	3.883E-05
	1163	VOLUME	840004.6	817970.3	59	-	-	3.26	1.03	2.056E-04	3.883E-05
	1164	VOLUME	839999.9	817965.1	61	-	-	3.26	1.03	2.056E-04	3.883E-05
	1165	VOLUME	839995.2	817959.9	62	-	-	3.26	1.03	2.056E-04	3.883E-05
	1166	VOLUME	839990.5	817954.7	64	-	-	3.26	1.03	2.056E-04	3.883E-05
	1167	VOLUME	839985.8	817949.5	65	-	-	3.26	1.03	2.056E-04	3.883E-05
	1168	VOLUME	839981.1	817944.3	67	-	-	3.26	1.03	2.056E-04	3.883E-05
1169	VOLUME	839976.4	817939.1	69	-	-	3.26	1.03	2.056E-04	3.883E-05	
1170	VOLUME	839971.7	817933.9	70	-	-	3.26	1.03	2.056E-04	3.883E-05	
1171	VOLUME	839967.0	817928.7	72	-	-	3.26	1.03	2.056E-04	3.883E-05	
1172	VOLUME	839962.3	817923.5	73	-	-	3.26	1.03	2.056E-04	3.883E-05	
1173	VOLUME	839957.6	817918.3	75	-	-	3.26	1.03	2.056E-04	3.883E-05	
Road D4A (N/B) Portal [1]	1	VOLUME	839239.2	819550.3	4	-	-	4.65	3.72	3.616E-03	1.748E-04
	2	VOLUME	839246.1	819557.5	4	-	-	4.65	3.72	3.616E-03	1.748E-04
	3	VOLUME	839253.0	819564.7	4	-	-	4.65	3.72	3.616E-03	1.748E-04
	4	VOLUME	839259.9	819571.9	4	-	-	4.65	3.72	3.616E-03	1.748E-04
	5	VOLUME	839266.8	819579.1	4	-	-	4.65	3.72	3.616E-03	1.748E-04
	6	VOLUME	839273.7	819586.3	4	-	-	4.65	3.72	1.808E-03	8.740E-05
	7	VOLUME	839280.6	819593.5	4	-	-	4.65	3.72	1.808E-03	8.740E-05
	8	VOLUME	839287.5	819600.7	4	-	-	4.65	3.72	1.808E-03	8.740E-05
	9	VOLUME	839294.4	819607.9	4	-	-	4.65	3.72	1.808E-03	8.740E-05
	10	VOLUME	839301.3	819615.1	4	-	-	4.65	3.72	1.808E-03	8.740E-05
Road D4A (S/B) Portal [1]	11	VOLUME	839178.5	819467.4	4	-	-	4.65	3.72	3.413E-03	1.351E-04
	12	VOLUME	839171.6	819460.2	4	-	-	4.65	3.72	3.413E-03	1.351E-04
	13	VOLUME	839164.7	819453.0	4	-	-	4.65	3.72	3.413E-03	1.351E-04
	14	VOLUME	839157.8	819445.8	4	-	-	4.65	3.72	3.413E-03	1.351E-04
	15	VOLUME	839150.9	819438.6	4	-	-	4.65	3.72	3.413E-03	1.351E-04
	16	VOLUME	839144.0	819431.4	4	-	-	4.65	3.72	1.706E-03	6.755E-05
	17	VOLUME	839137.1	819424.2	4	-	-	4.65	3.72	1.706E-03	6.755E-05
	18	VOLUME	839130.2	819417.0	4	-	-	4.65	3.72	1.706E-03	6.755E-05
	19	VOLUME	839123.3	819409.8	4	-	-	4.65	3.72	1.706E-03	6.755E-05
	20	VOLUME	839116.4	819402.6	4	-	-	4.65	3.72	1.706E-03	6.755E-05
Slip Road A Portal [1]	21	VOLUME	839000.9	820267.8	3.1	-	-	2.79	2.88	7.694E-03	4.803E-04
	22	VOLUME	838996.7	820272.3	3.1	-	-	2.79	2.88	7.694E-03	4.803E-04
	23	VOLUME	838992.5	820276.8	3.1	-	-	2.79	2.88	7.694E-03	4.803E-04
	24	VOLUME	838988.3	820281.3	3.1	-	-	2.79	2.88	7.694E-03	4.803E-04
	25	VOLUME	838984.1	820285.8	3.1	-	-	2.79	2.88	7.694E-03	4.803E-04
	26	VOLUME	838979.9	820290.3	3.1	-	-	2.79	2.88	7.694E-03	4.803E-04
	27	VOLUME	838975.7	820294.8	3.1	-	-	2.79	2.88	7.694E-03	4.803E-04
	28	VOLUME	838971.5	820299.3	3.1	-	-	2.79	2.88	7.694E-03	4.803E-04
	29	VOLUME	838967.3	820303.8	3.1	-	-	2.79	2.88	3.847E-03	2.402E-04
	30	VOLUME	838963.1	820308.3	3.1	-	-	2.79	2.88	3.847E-03	2.402E-04
	31	VOLUME	838958.9	820312.8	3.1	-	-	2.79	2.88	3.847E-03	2.402E-04
	32	VOLUME	838954.7	820317.3	3.1	-	-	2.79	2.88	3.847E-03	2.402E-04
	33	VOLUME	838950.5	820321.8	3.1	-	-	2.79	2.88	3.847E-03	2.402E-04
	34	VOLUME	838946.3	820326.3	3.1	-	-	2.79	2.88	3.847E-03	2.402E-04
	35	VOLUME	838942.1	820330.8	3.1	-	-	2.79	2.88	3.847E-03	2.402E-04
	36	VOLUME	838937.9	820335.3	3.1	-	-	2.79	2.88	3.847E-03	2.402E-04

Notes:

[1] Emissions were calculated from traffic data and emission factors as shown in Appendix 4.1 and Appendix 4.4.

[2] Emissions were made reference to Appendix 6.1 (Detailed chimney emission inventory) of the approved KTD Schedule 3 EIA Report.

[3] Emissions were made reference to Appendix 6.2 (Detailed emission calculation of proposed heliport) of the approved KTD Schedule 3 EIA Report.

[4] Emissions were made reference to Appendix 6.4 (Detailed Calculation of Cruise Emission) of the approved KTD Schedule 3 EIA Report.

[5] Emissions were made reference to Appendix 6.6 (Detailed calculation of emission from typhoon shelters) of the approved KTD Schedule 3 EIA Report.

Appendix 4.5 Summary of Emission Inventory for ISC Modelling

Detailed Calculations for Peak Hour Emission Rate of Portals and Ventilation Buildings

Roads Name	Road Link No.	Road Speed	Traffic Breakdown																
			Peak Hour Q	Motor Cycles	PC	Taxi	Non-franchised Buses <6.4t	Non-franchised Buses 6.4-15t	Non-franchised Buses >15t	Private Light Buses <3.5t	Private Light Buses >3.5t	LGV <2.5t	LGV 2.5-3.5t	LGV >3.5t	HGV<15t	HGV>15t	Single Deck Franchised Buses	Double Deck Franchised Buses	Public Light Buses
Trunk Road T2 (N/B)	48	80	1955	6%	28%	28%	0%	4%	0%	0%	1%	0%	17%	5%	8%	4%	0%	0%	0%
Road D4A (N/B)	28	50	1323	8%	35%	35%	0%	5%	0%	0%	1%	0%	6%	2%	3%	1%	0%	0%	4%
Road D4A (S/B) (1800 - 1900)	29	50	1731	7%	39%	44%	0%	3%	0%	0%	1%	0%	3%	1%	2%	0%	0%	0%	0%
Road D4A (S/B) (0800 - 0900)	29	50	1256	8%	38%	38%	0%	5%	0%	1%	1%	0%	5%	2%	2%	1%	0%	0%	0%
Slip Road A	86	50	1338	4%	25%	28%	0%	2%	0%	0%	0%	0%	19%	6%	14%	2%	0%	0%	0%

Emission Factor for NOx in gm/mile-veh																		
Motor Cycles	PC	Taxi	Non-franchised Buses <6.4t	Non-franchised Buses 6.4-15t	Non-franchised Buses >15t	Private Light Buses <3.5t	Private Light Buses >3.5t	LGV <2.5t	LGV 2.5-3.5t	LGV >3.5t	HGV<15t	HGV>15t	Single Deck Franchised Buses	Double Deck Franchised Buses	Public Light Buses			
80kph 0800 - 0900																		
0.600	0.053	0.779	3.014	5.350	8.262	0.473	1.621	2.686	1.665	3.167	3.798	7.413	6.844	14.051	2.663			
50kph 0800 - 0900																		
0.693	0.133	0.965	3.589	6.573	10.276	0.488	2.274	2.992	1.670	3.977	4.538	8.781	9.539	16.934	2.644			
50kph 1800 - 1900																		
0.736	0.135	0.945	3.618	6.637	10.384	0.492	2.326	2.991	1.662	3.975	4.762	8.696	8.414	15.124	2.608			

Roads Name	Road Link No.	Peak Hour Q	Motor Cycles	Petrol PC & LGV	Taxi	Non-franchised Buses <6.4t	Non-franchised Buses 6.4-15t	Non-franchised Buses >15t	Private Light Buses <3.5t	Private Light Buses >3.5t	Diesel PC&LGV <2.5t	Diesel LGV 2.5-3.5t	Diesel LGV >3.5t	HGV<15t	HGV>15t	Single Deck Franchised Buses	Double Deck Franchised Buses	Public Light Buses	Nox E.F. (g/mile-veh)
Trunk Road T2 (N/B)	48	1955	70.4	29.0	426.3	14.3	374.9	11.4	3.6	22.7	1.2	542.5	328.7	557.0	507.3	0.0	0.0	0.0	1.4782
Road D4A (N/B)	28	1323	69.8	62.6	453.0	14.6	395.3	12.2	3.1	27.3	0.8	128.9	97.8	157.7	142.4	0.0	0.0	124.1	1.2766
Road D4A (S/B) (1800 - 1900)	29	1731	89.7	91.5	719.4	10.7	290.0	9.0	2.3	20.3	1.0	81.4	62.0	173.7	43.3	0.0	0.0	0.0	0.9213
Slip Road A	86	1338	43.8	44.7	351.1	5.2	141.5	4.4	1.1	9.9	0.8	418.1	318.6	892.3	222.2	0.0	0.0	0.0	1.8340

Emission Factor for RSP in gm/mile-veh																		
Motor Cycles	PC	Taxi	Non-franchised Buses <6.4t	Non-franchised Buses 6.4-15t	Non-franchised Buses >15t	Private Light Buses <3.5t	Private Light Buses >3.5t	LGV <2.5t	LGV 2.5-3.5t	LGV >3.5t	HGV<15t	HGV>15t	Single Deck Franchised Buses	Double Deck Franchised Buses	Public Light Buses			
80kph 0800 - 0900																		
0.012	0.003	0.000	0.223	0.382	0.386	0.095	0.123	0.145	0.067	0.122	0.227	0.346	0.075	0.085	0.177			
50kph 0800 - 0900																		
0.023	0.008	0.000	0.257	0.394	0.478	0.167	0.134	0.259	0.131	0.184	0.364	0.582	0.079	0.138	0.233			
50kph 1800 - 1900																		
0.023	0.007	0.000	0.265	0.402	0.494	0.171	0.136	0.265	0.131	0.186	0.409	0.573	0.071	0.111	0.232			

Roads Name	Road Link No.	Peak Hour Q	Motor Cycles	Petrol PC & LGV	Taxi	Non-franchised Buses <6.4t	Non-franchised Buses 6.4-15t	Non-franchised Buses >15t	Private Light Buses <3.5t	Private Light Buses >3.5t	Diesel PC&LGV <2.5t	Diesel LGV 2.5-3.5t	Diesel LGV >3.5t	HGV<15t	HGV>15t	Single Deck Franchised Buses	Double Deck Franchised Buses	Public Light Buses	RSP E.F. (g/mile-veh)
Trunk Road T2 (N/B)	48	1955	1.4	1.7	0.1	1.1	26.8	0.5	0.7	1.7	0.1	22.0	12.7	33.3	23.7	0.0	0.0	0.0	0.0643
Road D4A (N/B)	28	1323	2.3	3.5	0.1	1.0	23.7	0.6	1.1	1.6	0.1	10.1	4.5	12.6	9.4	0.0	0.0	10.9	0.0617
Road D4A (S/B) (0800 - 0900)	29	1256	2.4	3.6	0.1	1.1	24.0	0.6	1.1	1.6	0.1	7.9	3.5	9.9	7.4	0.0	0.0	0.0	0.0503
Slip Road A	86	1338	1.4	2.4	0.1	0.4	8.6	0.2	0.4	0.6	0.1	33.0	14.9	76.6	14.6	0.0	0.0	0.0	0.1145

Appendix 4.5 Summary of Emission Inventory for ISC Modelling

Emission from Portal

ID	Length (m)	Peak Hour Q (veh/hr)	Original E.F.		Total emission rate (portal + VB)		Emission rate (from portal)	
			NOX E.F. (g/mile-veh)	RSP E.F. (g/mile-veh)	NO <sub>x</sub> (g/s)	RSP (g/s)	NO <sub>x</sub> (g/s)	RSP (g/s)
Trunk Road T2 (N/B) 10%	2650	1955	1.4782	0.0643	1.322E+00	5.747E-02	1.322E-01	5.747E-03
Road D4A (N/B) 100%	93	1323	1.2766	0.0617	2.712E-02	1.311E-03	2.712E-02	1.311E-03
Road D4A (S/B) (1800 - 1900) 100%	93	1731	0.9213	-	2.559E-02	-	2.559E-02	-
Road D4A (S/B) (0800 - 0900) 100%	93	1256	-	0.0503	-	1.013E-03	-	1.013E-03
Slip Road A 100%	218	1338	1.8340	0.1145	9.233E-02	5.764E-03	9.233E-02	5.764E-03

Emission from Ventilation Building

ID	NOx (g/s)	RSP (g/s)
Trunk Road T2 (N/B) 90%	1.189E+00	5.172E-02