Appendix I

EMFAC-HK: Vehicle Class Details

For EMFAC-HK Sub-model: Emfac-HK MC

Vehicle Classification	Vehicle Class	Fuel Type[1]	Vehicle Class Code displayed in the executables	Vehicle Class Code in csv output file	Vehicle Class Code in rtl & bcd output files	Gross Vehicle Weight
Petrol Private Cars (PC) & Light Goods Vehicles (LGV)	1	Petrol	PC+LGV-petrol	PC&LGV	PC-p	ALL
Diesel Private Cars & Light Goods Vehicles	3	Diesel	PC+LGV<2.5t-diesel	PC&LGV<2.5t	LGV3	<=2.5t
Diesel Private Cars & Light Goods Vehicles	4	Diesel	LGV2.5-3.5t-diesel	LGV2.5-3.5t	LGV4	>2.5-3.5t
Public Light Buses	5	LPG, Diesel	Public Light Buses	PLB	PLB	ALL
Light Goods Vehicles	6	Diesel	Light Goods Vehicles>3.5t	LGV>3.5t	LGV6	>3.5-5.5t
Medium & Heavy Goods Vehicles with GVW 5.5 -15 tonne	7	Diesel	Heavy Goods Vehicles<15t	HGV<15t	HGV7	>5.5-15t
Medium & Heavy Goods Vehicles with GVW >=15tonne	8	Diesel	Heavy Goods Vehicles>15t	HGV>15t	HGV8	>15t
Double Deck Franchised Buses	10	Diesel	Franchised Bus(DD)	FBDD	FBDD	ALL
Motor Cycles	11	Petrol	Motorcycle (MC)	MC	MC	ALL

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[1] The Field "Gas" displayed in the sub-model represents either LPG or petrol.

For EMFAC-HK Sub-model : Emfac-HK Taxi

Vehicle Classification	Vehicle Class	Fuel Type[2]	Vehicle Class Code displayed in the executables	Vehicle Class Code in csv output file	Vehicle Class Code in rtl & bcd output files	Gross Vehicle Weight
Taxi	3	LPG	taxi	taxi	taxi	ALL
Private Light Buses[3]	4	Petrol, LPG, Diesel	Private Light Bus<3.5t	PrLB<3.5t	PV4	<=3.5t
Private Light Buses	5	Petrol, LPG, Diesel	Private Light Bus>3.5t	PrLB>3.5t	PV5	>3.5t
Non-franchised Buses	6	Diesel	Non-franchised Bus<6.4t	NFB<6.4t	NFB6	<=6.36t
Non-franchised Buses	7	Diesel	Non-franchised Bus 6.4-15t	NFB6.4-15t	NFB7	>6.36-15t
Non-franchised Buses	8	Diesel	Non-franchised Bus>15t	NFB>15t	NFB8	>15t
Single Deck Franchised Buses	10	Diesel	Franchised Bus(SD)	FBSD	FBSD	ALL

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[2] The Field "Gas" displayed in the sub-model represents either LPG or petrol.

[3] PrLBs are assumed to operate only from 0700 to 1900. Their VKTs during the other hours are taken to be zero.