

Appendix 10: Guide for Mapping Existing National Road Methods to the CNOSSOS-EU Road Source Method

Category	Name	Description	Vehicle category in EC Whole Vehicle Type Approval	NMMPB 96 EU Interim method	CRTN 1988 (UK)	RLS90 2006 (Germany)	NMMPB 2008 (France)	RMG : SRM II 2012 (Netherlands)	RVS 4:02:11 2006 (Austria)	Nord2000 2006 (Nordic)
1	Light motor vehicles	Passenger cars, delivery vans ≤ 3.5 tons, SUVs, MPVs including trailers and caravans	M1 and N1	Light vehicles	Light vehicles	Light vehicles	Light vehicles	Light Vehicles (Cat=LV)	Cars (light vehicles) (m=1)	Cat 1a,1b,1c
2	Medium heavy vehicles	Medium heavy vehicles, delivery vans > 3.5 tons, buses, touring cars, etc. with two axles and twin tyre mounting on rear axle	M2, M3 and N2, N3	Heavy vehicles (50%)	Heavy vehicles (50%)	Heavy vehicles (50%)	Heavy vehicles (50%)	Medium-duty vehicles (Cat=MV)	Buses, commercial vehicles without trailer and motorcycles (medium vehicles) (m = 2)	Cat 2a,2b,2c,2d,2e
3	Heavy vehicles	Heavy duty vehicles, touring cars, buses, with three or more axles	M2 and N2 with trailer, M3 and N3	Heavy vehicles (50%)	Heavy vehicles (50%)	Heavy vehicles (50%)	Heavy vehicles (50%)	Heavy vehicles (Cat=ZV)	Trailer and semitrailer trucks (heavy vehicles) (m = 4)	Cat 3a,3b,3c,3d,3e,3f, 4a, 4b
4	Powered two-wheelers	4a mopeds, tricycles or quads ≤ 50 cc	L1, L2, L6					Mopeds		Cat 5a
		4b motorcycles, tricycles or quads > 50 cc	L3, L4, L5, L7					Motorcycles		Cat 5b
5	Open category	To be defined according to future needs	N/A					Trams on ballast & Trams (asphalt) concrete	Low noise versions of medium vehicles (m=3) & Low noise versions of heavy vehicles (m=5)	
Road surface correction for light vehicles		Description of the road surface type								
0	Reference	Dence asphalt concrete 0/11 - 0/16, Stone mastiek asphalt 0/11						DC1/11, dac 0/16 SMA 0/11		DAC 11 Asphalt
NL01	1-layer ZOAB	porous asphalt						1-layer ZOAB	Drainage asphalt (-2 to -6)	PAC 8
NL02	2-layer ZOAB	dual-layer porous asphalt				Porous asphalt >15% pores type 0/11 (-4)		2-layer ZOAB		PAC 11
NL03	2-layer ZOAB (fine)	dual-layer porous asphalt with fine top layer				Porous asphalt >15% pores type 0/8 (-5)		2-layer ZOAB (fine)		PAC 16
NL04	SMA-0/5	Stone mastiek asphalt with stones of maximum 5 mm						SMA-0/5		
NL05	SMA-0/8	Stone mastiek asphalt with stones of maximum 8 mm		Smooth asphalt (0dB)	Impervious macadam	Non grooved asphalts, concrete asphalt (0)	R2	SMA-0/8	Asphaltic concrete (0)	
NL06	Brushed concrete	Brushed concrete						Brushed concrete		CCB lo
NL07	Optimized brushed down concrete	Optimized brushed concrete				Concrete with metal broom treatment (+1)		Optimized brushed down concrete		
NL08	Fine broomed concrete	Fine broomed concrete surface		Cement concrete and corrugated asphalt (+2)	Concrete	Concrete with grooved asphalt (+2)	R3	Fine broomed concrete	Concrete or grooved asphalt (+1 to +2)	
NL09	Surface treatment	Road surface with extra treatment on the surface						Surface treatment		CCB tr
NL10	Hard elements in herring-bone	Hard clinker elements in herring-bone		Smooth texture paving stones (+3)		Cobblestones with rough texture (+6)		Hard elements in herring-bone	Granite block pavement (+5 to +8)	PS even
NL11	Hard elements not in herring-bone	Hard clinker elements not in herring-bone		Rough texture paving stones (+6)				Hard elements not in herring-bone		PS uneven
NL12	Quiet hard elements	Silent elements (clinker stones)				Cobblestones with smooth texture (+3)		Quiet hard elements		
NL13	Thin layer A	Thin layer low noise asphalt Type A		Porous surface (-1 to -3 dependent upon speed)	Pervious macadam	Concrete with burlap cloth (smooth) (-2) & Asphalt concrete without grit (-2)		Thin layer A		
NL14	Thin layer B	Thin layer low noise asphalt Type B					R1	Thin layer B		