

## APPENDIX 2-C-3

**Table 1**  
**List referred to in Article 3(a)(ii) of Annex 2-C**

Subject		Requirements	Corresponding Korean Technical Regulations
Occupant crash protection	Frontal	UNECE Reg. 94	KMVSS <sup>1</sup> Article 102
	Side	UNECE Reg. 95	KMVSS Article 102
Steering control rearward displacement		UNECE Reg. 12	KMVSS Article 89 paragraph 1 Item 2
Impact protection for the driver from the steering control system		UNECE Reg. 12	KMVSS Article 89 paragraph 1 Item 1
Seating systems		UNECE Reg. 17	KMVSS Article 97
Head restraints		UNECE Reg. 17, UNECE Reg. 25, GTR 7	KMVSS Articles 26, 99
Door locks and door retention components		UNECE Reg. 11, GTR 1	KMVSS Article 104 Paragraph 2
Instrument panel impact		UNECE Reg. 21	KMVSS Article 88
Seat back impact		UNECE Reg. 21	KMVSS Article 98
Armrest impact		UNECE Reg. 21	KMVSS Article 100
Sun visor impact		UNECE Reg. 21	KMVSS Article 101
Inside rear view mirror impact		UNECE Reg. 46	KMVSS Article 108
Towing hook		77/389/EEC	KMVSS Article 20 Items 1, 2, 4
Rear under-run protection		UNECE Reg. 58	KMVSS Article 19 Paragraph 4 and Article 96

<sup>1</sup> Korea Motor Vehicle Safety Standards

Subject		Requirements	Corresponding Korean Technical Regulations
Lighting and signalling system	Installation	UNECE Reg. 48	KMVSS Articles 38, 39, 40, 41, 42, 43, 44, 45 and 47
	Head lamp	UNECE Reg. 1, 2, 5, 8, 20, 31, 37, UNECE Reg. 98, 99, 112, 113, 123	KMVSS Article 38, Article 48 Paragraph 3, Article 106 Item 1
	Front fog lamp	UNECE Reg. 19	KMVSS Article 38-2 Paragraph 1, Article 106 Item 2
	Backup lamp	UNECE Reg. 23	KMVSS Article 39, Article 106 Item 3
	Clearance lamp	UNECE Reg. 7	KMVSS Article 40, Article 106 Item 4
	Registration plate lamp	UNECE Reg. 4	KMVSS Article 41, Article 106 Item 5
	Tail lamp	UNECE Reg. 7	KMVSS Article 42, Article 106 Item 6
	Stop lamp	UNECE Reg. 7	KMVSS Article 43 Paragraph 1, Article 106 Item 7
	Centre high mounted stop lamp	UNECE Reg. 7	KMVSS Article 43 Paragraphs 2, 3, Article 106 Item 8
	Turn signal	UNECE Reg. 6	KMVSS Article 44, Article 106 Item 9
	Auxiliary turn signal	UNECE Reg. 7	KMVSS Article 44, Article 106 Item 10
	Rear fog lamp	UNECE Reg. 38	KMVSS Article 38-2 Paragraph 2, Article 106 Item 2
	Retro-reflection devices	UNECE Reg. 70, UNECE Reg. 3	KMVSS Article 49 paragraphs 1, 2, Article 107

Subject		Requirements	Corresponding Korean Technical Regulations
Driver's visibility		UNECE Reg. 46	KMVSS Article 50 Article 94
Engine power		UNECE Reg. 85	KMVSS Article 11 Paragraph 1 Item 2, Article 111
Device for securing driver's visibility	Windshield wiping system	78/318/ EEC	KMVSS Article 51 Paragraph 2, Article 109 Item 1
	Defrosting system	78/317/ EEC	KMVSS Article 109 Item 2
	Defogging system	78/317/ EEC	KMVSS Article 109 Item 3
	Windshield washing system	78/318/ EEC	KMVSS Article 109 Item 4
Passenger car brake		UNECE Reg. 13H	KMVSS Article 15, Article 90 Item 1
Brake system except passenger car and trailer		UNECE Reg. 13	KMVSS Article 15, Article 90 Item 2
Trailer brake system		UNECE Reg. 13	KMVSS Article 15, Article 90 Item 3
Anti-lock brake system, except trailer		UNECE Reg. 13	KMVSS Article 15, Article 90 Item 4
Trailer anti-lock brake system		UNECE Reg. 13	KMVSS Article 15, Article 90 Item 5
Steering effort		UNECE Reg. 79	KMVSS Article 14, Article 89 paragraph 2
Speed limiter		UNECE Reg. 89	KMVSS Article 110-2
Speedometer		UNECE Reg. 39	KMVSS Article 110
Electro-magnetic compatibility		UNECE Reg. 10	KMVSS Article 111-2
Fuel leakage in collision		UNECE Reg. 34, UNECE Reg. 94, UNECE Reg. 95	KMVSS Article 91
Bumper impact		UNECE Reg. 42	KMVSS Article 93
Seat belt assembly anchorages		UNECE Reg. 14, UNECE Reg. 16	KMVSS Article 27 Paragraphs 1, 2, 3, 4, 5; Article 103 Paragraphs 1, 2, 3
Child seat anchorage		UNECE Reg. 14	KMVSS Article 27-2, Article 103-2

Subject		Requirements	Corresponding Korean Technical Regulations
Horn noise, stationary noise and silencer for vehicles (4 wheels)		UNECE Reg. 28 UNECE Reg. 51	KMVSS Articles 35, 53, NVCA Article 30 and its Ordinance of MOE Article 29
Emission and noise (except the passer-by noise of 3 or 4 wheels) for motor cycles		UNECE Reg. 40, UNECE Reg. 41, UNECE Reg. 47 Directives 2002/51/EC, 2003/77/EC, 97/24/EC Chapters 5 and 9	CACA Article 46 and its Ordinance of MOE Article 62, NVCA Article 30 and its Ordinance of MOE Article 29
Emission Diesel (incl. OBD)	Below 3.5t vehicle	UNECE Reg. 83, UNECE Reg. 24 Regulation (EC) 692/2008	CACA Article 46 and its Ordinance of MOE Article 62
	Over 3.5t vehicle	UNECE Reg. 49 Regulation (EC) 692/2008	
Tyres		UNECE Reg. 30, 54, 75, 106, 117, 108, 109	Quality management Safety and Control of Industrial Products Act (QMSCIPA) (Articles. 19, 20, 21); Enforcement Rules of QMSCIPA Article 2 paragraph 2, Article 19.

## **On-Board Diagnostic Systems for Gasoline-Powered Vehicles**

Gasoline-powered vehicles complying with Euro 6 OBD shall be considered as complying with Korea LEV and ULEV OBD.

### *Transitional Arrangements on OBD and Emissions for Gasoline-Powered Motor Vehicles*

#### **1. OBD**

Until the end of 2013 or the introduction of Euro 6 OBD, if the latter is earlier:

- (a) each EU car manufacturer<sup>2</sup> whose sales of vehicles with Euro OBD in Korea during the year 2008 exceeded 800 vehicles will be allowed to sell in Korea the following number of vehicles with Euro 5 OBD per year and brand:  
  
the year 2010: 1,200, the year 2011: 1,500, the year 2012: 1,800 and the year 2013: 1,800;
- (b) each EU car manufacturer whose total sales of vehicles with Euro OBD in Korea during the years 2005 to 2008 exceeded an average of 750 vehicles per year will be allowed to sell in Korea 1,000 vehicles with Euro 5 OBD per year and brand; and
- (c) other EU car manufacturers not covered under subparagraphs (a) or (b) above will be allowed to sell vehicles with Euro 5 OBD in Korea within an overall limit of 1,500 such vehicles per year. This quantity will be distributed among those manufacturers in accordance with principles to be determined by the Working Group on Motor Vehicles and Parts.

#### **2. Emissions**

Until the application of a new arrangement<sup>3</sup> for manufacturers that sell no more than 10,000 gasoline-powered vehicles per year in the territory of Korea, Korea shall provide that:

- (a) a gasoline-powered motor vehicle produced by a manufacturer that sells no more than 250 of these vehicles per year in the territory of Korea complies with the Korean emission requirements if the annual fleet average Non-Methane Organic Gases (hereinafter referred to as the “NMOG”) value of the manufacturer’s fleet sold in the territory of Korea does not exceed 0.047 g/km;
- (b) a gasoline-powered motor vehicle produced by a manufacturer that sells no more than 4,000 of these vehicles per year in the territory of Korea complies with the Korean emission requirements if the annual fleet average NMOG value of the manufacturer’s fleet sold in the territory of Korea does not exceed 0.039 g/km; and

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<sup>2</sup> The Parties note that the Korean practice on the concept of manufacturer at the time of signature of this Agreement will provide guidance in the implementation of this paragraph.

<sup>3</sup> The Parties understand that a new arrangement will be introduced upon the entry into force of *the Free Trade Agreement between the Republic of Korea and the United States of America*.

- (c) a gasoline-powered motor vehicle produced by a manufacturer that sells no more than 10,000 of these vehicles per year in the territory of Korea complies with the Korean emission requirements if the annual fleet average NMOG value of the manufacturer's fleet sold in the territory of Korea does not exceed 0.030 g/km.

### 3. Application of Transitional Arrangements<sup>4</sup>

The Parties shall provide for the application of these transitional arrangements on OBD and emissions from the calendar year in which this Agreement enters into force.

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<sup>4</sup> With a mutual understanding that this Agreement will enter into effect in 2010, Korea will make the necessary measures effective as from 1 January 2010 with regard to marketing motor vehicles with Euro 5 OBD.

**Table 2**  
**List referred to in Article 3(a)(iii) of Annex 2-C**

<b>Subject</b>	<b>Korean Technical Regulations</b>	<b>Corresponding UNECE Regulations</b>
Maximum Stable Inclination Angle	KMVSS Art. 8	107
Minimum Turning Radius	KMVSS Art. 9	107
Running Gear	KMVSS Art. 12	30, 54
Controls and Displays	KMVSS Art. 13	121
Frame and Body	KMVSS Art. 19	58, 73
Coupling Device	KMVSS Art. 20 Items 3, 5	55
Theft Protection	KMVSS Art. 22	18
Riding Accommodation	KMVSS Art. 23	107
Driver's Seat	KMVSS Art. 24	107
Passenger Seat	KMVSS Art. 25	107
Seat Belt	KMVSS Art. 27	16
Standing Space	KMVSS Art. 28	107
Entrance	KMVSS Art. 29	107
Emergency Exit	KMVSS Art. 30	107
Aisle	KMVSS Art. 31	107
Safety Glazing	KMVSS Art. 34	43, GTR 6
Hazard Warning Signal Lamp	KMVSS Art. 45	48
Speedometer & Odometer	KMVSS Art. 54	39
Fire Extinguisher	KMVSS Art. 57	36
Running Gear	KMVSS Art. 64	75
Service Brake System	KMVSS Art. 67	78, GTR 3
Headlamp	KMVSS Art. 75	53, 56, 57, 72, 74, 76, 82
Registration Plate Lamp	KMVSS Art. 76	50, 53
Tail Lamp	KMVSS Art. 77	50, 53
Stop Lamp	KMVSS Art. 78	50, 53
Turn Signal Lamp	KMVSS Art. 79	50, 53
Rear Reflex Reflector	KMVSS Art. 80	3, 53
Rear view Mirror	KMVSS Art. 84	81
Speedometer	KMVSS Art. 85	39