

Development of the International Whole Vehicle Type Approval (IWVTA)

During the last 162nd WP29 (11-14 March 2014), the Chair of the IWVTA subgroup reported the progress of the Group in the document WP.29-162-12-Rev.1.

The latest version of the Regulation No. 0 is available in the document WP29-162-11.

The structure of the Regulation No.0 was presented and in addition two lists of UN Regulations that could be mandatory for obtaining a Whole Vehicle Type Approval.

- **List A** contained thirty-nine UN Regulations that could already be included in the first step of the partial IWVTA and included in the first version of UN R0. In the case of the GRPE, only the Regulation 85 (engine power) was considered.

The technical requirements – The “A” list

Number	Topic	UN-Regulation	Number	Topic	UN-Regulation
1	Retro reflectors	3	21	Tyres	54
2	Direction indicators	6	22	Rear protective devices	58
3	End-outline, stop, side marker, front/rear position (side)	7	23	Parking lamps	77
4	Radio interference	10	24	Steering efforts	79
5	Door latches + hinges	11	25	Engine power	85
6	Steering impact	12	26	End-outline, stop, side marker, front/rear position (side)	91
7	Belt anchorages	14	27	Frontal impact	94
8	Seats + head restraints	17	28	Side impact	95
9	Front fog lamps	19	29	Headlamps	98
10	Interior fittings	21	30	Light sources	99
11	Reversing lamps	23	31	High voltage	100
12	External projections	26	32	Headlamps	112
13	Audible warning signals	28	33	Tyre wet grip/Noise/RR	117
14	Tyres	30	34	Cornering lamps	119
15	Light sources	37	35	Controls and tell tales	121
16	Rear fog lamps	38	36	Headlamps	123
17	Speedometer	39	37	Field of vision	125
18	Safety glazing	43	38	Pedestrian protection	127
19	Headlamp cleaners	45	39	Light sources	128
20	Installation of Lighting equipment	48			

- **List B** contained fourteen Regulations. The GR R0 considers that the UN Regulations showed in list B are significantly important for IWVTA and therefore need to be reviewed by GRs if and how they can be included in draft UN R0..

The technical requirements – The “B” list

<i>Number</i>	<i>Topic</i>	<i>UN-Regulation</i>
1	Rear registration plate lamps	4
2	Braking	13H
3	ESC	13H
4	BA	13H
5	Safety belts	16
6	Fuel tanks	34
7	Integrated child restraints	44
8	Indirect vision devices	46
9	Permissible sound level	51
10	Temporary tires/ TPMS	64
11	CO2 emissions and fuel consumption	101
12	Anti-theft/ immobilizer	116
13	Tyre installation	-
14	WLTP	-

The Chair of GRPE pointed out during WP29 meeting that already the manner of how the provisions of the draft UN GTR on Worldwide Harmonized Light-duty Test Procedures (WLTP) would be transposed into national or regional law would be a condition for the possible later inclusion of WLTP into UN Regulation No. 0.

Draft priority of technical regulation for GRPE and review report of GRPE to IWVTA Informal Group

The following are the priorities of discussion of candidate items and results of review proposed by the GRPE ambassadors as working draft:

- (a) Those needing no or only minor amendments, which should be reviewed in the first step (reviewed during 66th GRPE)
- (b) Those needing amendments or creation and of significant importance, which should be reviewed in the first step (reviewed during 69th GRPE)
- (c) Those needing major amendments or creation of UN regulations, which will be reviewed in the second step

Group	Item No. LIST	Item	UN R / GTR	Priority	Sponsor	Review Result (IWVTA Review Flow Chart)						Schedule for amendments or creation (if necessary)
						(i)	(ii)	(iii)	(iv)	(v)	(vi)	
(1)	25 A	Engine power	85	(a)		Yes	Yes	No	No	-	-	List A Draft UN R0
(1)		Air-conditioning system		(c)		-	Yes/No	-	-	No	-	On progress in GRPE
(1)		Diesel smoke	24	(c)		Yes	Yes	Yes	Yes	No	-	-
(1)	11 B	CO2 emissions and fuel consumption	101	(b)	WLTP-informal group	Yes	Yes	No	Yes	No	-	To be amended after adoption of WLTP-gtr (162nd WP.29)
(1)		Fuel consumption	84	-		No	No	-	-	-	-	-
(2)		Emissions (Euro5 and 6) Light duty vehicles / access to information	83	(c)	WLTP-informal group	Yes	Yes	Yes	Yes	No	-	To be amended after adoption of WLTP-gtr (162nd WP.29)
	14 B	WLTP		(b)	WLTP-informal group	Yes	Yes	-	-	No	-	To be transposed into national or regional law
(2)		Diesel emissions	49	(c) *		Yes	Yes	Yes	Yes	No	Yes	-

* It is necessary to study whether there exist any M1 vehicles in the scope of this Regulation

Note: Subjects of review to be reported to WP.29

- (i) The validity of the identified UN Regulations
- (ii) The necessity of the identified UN Regulations to be included in IWVTA
- (iii) The necessity to split the identified UN Regulations

- (iv) The necessity to amend the identified UN Regulations,
- (v) The possibility to develop the unified requirements
- (vi) The necessity to separate the identified UN Regulations for the M1 category vehicles and the vehicles of the other categories

1. Schedule

June 2014: The GRPE ambassador will send the proposed priorities results to the 69th meeting of GRPE to the IWVTA secretary.

Group (1): IWVTA items for technical regulations with unified requirements

Group (2): IWVTA items for potential technical regulations with regionally applicable requirements

Items in Group (1) and (2) will be sent to responsible GRs for review in accordance with the guideline.

Group (3): IWVTA items for non-technical regulations

Items in Group (3) will be considered by IWVTA Informal Group.

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