

Draft UN Regulation No. 0

UNIFORM PROVISIONS CONCERNING INTERNATIONAL WHOLE VEHICLE TYPE APPROVAL (IWVTA)

Preamble

[Overall concept and rationale]

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1. Scope

- 1.1 This Regulation applies to vehicles of categories M1¹. It specifies requirements for the type approval of a whole vehicle.

2. Definitions

For the purposes of this Regulation and of the Regulations listed in Annex 4, unless specified otherwise therein:

- 2.1 “*Manufacturer*” means the person or body responsible to the approval authority for all aspects of the type approval process and for ensuring conformity of production. It is not essential that the person or body is directly involved in all stages of the construction of the vehicle which is the subject of the approval process.
- 2.1.1 “*Manufacturer’s representative*” means a natural or legal person established in the territory of one of the Contracting Parties applying this Regulation who is duly appointed by the manufacturer to represent it before the approval authority and to act on its behalf in matters covered by this Regulation. Where reference is made in this Regulation to the manufacturer, it means either the “*Manufacturer*” or the “*Manufacturer’s representative*”.
- 2.2. “*Vehicle type*” means a category of vehicles which do not differ in such essential respects as those specified in Annex 7. A vehicle type may contain variants and versions as defined in Annex 7
- 2.3 “*International Whole Vehicle Type Approval (IWVTA)*” means the procedure whereby a Contracting Party applying this Regulation certifies that a vehicle type satisfies the relevant administrative provisions and technical requirements of this Regulation and of the UN Regulations listed in Annex 4.
- 2.3.1 “*Universal IWVTA (U-IWVTA)*” means an IWVTA which is granted for whole vehicles complying to all the UN Regulations listed in Annex 4, Section 1 and is accepted by all Contracting Parties applying this Regulation.
- 2.3.2 “*IWVTA of Limited recognition (L-IWVTA)*” means an IWVTA which is accepted by some Contracting Parties applying this Regulation. The concept is introduced to allow Contracting Parties to accept vehicles meeting a smaller set of requirements by:
- Not requiring all approvals necessary for a U-IWVTA; and/or
 - Accepting approvals to previous series of amendments or to un-amended UN Regulations for one or more of the systems covered by U-IWVTA.
- 2.4 “*Information document*” means the document set out in Annex 5 that prescribes the information to be supplied by an applicant. This may be in the form of an electronic file.
- 2.5 “*Information folder*” means a folder that includes the information document, file, data, drawings, photographs, and other relevant material, that is supplied by the applicant. This may be in the form of an electronic file.

¹As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.2, paragraph 2.2.1. –
www.unece.org/trans/main/wp29/wgs/wp29gen/wp29resolutions.html

- 2.6 “*Information package*” means the information folder accompanied by the test reports and all other documents added by the Technical Service or by the approval authority to the information document in the course of carrying out their functions. This may be in the form of an electronic file.
- 2.7 “*Index to the information package*” means the document listing the contents of the information package, suitably numbered or otherwise marked so as to identify clearly all the pages. The format of the document shall be such as to present a record of the successive steps in administering the type approval, in particular when any revisions or updates occurred.
- 2.8 “*Technical competence*”: means, having regard to Article 2 of the 1958 Agreement, that a Contracting Party has the capability to verify the compliance of a whole vehicle type with this Regulation, based on the individual type approvals submitted by the manufacturer in its application and the ability to confirm that the systems and components are installed pursuant to the individual UN Regulations listed in Annex 4 of this Regulation. This means that a Contracting Party applying this Regulation need not necessarily have the technical competence required to issue type approvals with respect to all the UN Regulations listed in Annex 4.
- [2.9 “*Document of Fulfilment (DoF)*” means the document set out in Annex 6 issued by the manufacturer and certifying that a vehicle belonging to the series of the vehicle type to be approved in accordance with this Regulation complies with all regulatory acts at the time of its production.]

3. Application for approval

- 3.1 The application for approval of a vehicle type with regard to IWVTA shall be submitted by the manufacturer to the Contracting Party according to the provisions of Schedule 3 of the 1958 Agreement.
- 3.2 It shall be accompanied by the following documentation:
- 3.2.1 The information folder containing the information required under Annex 5, Part II.
- 3.2.2 The list of UN Regulations to which the vehicle type complies according to Annex 5, Part III.
- 3.2.3 Type approval certificates according to Annex 4;
- 3.2.3.1 In the case of a U-IWVTA the complete set of type approval certificates required pursuant to each of the applicable UN Regulations listed in Annex 4, Part A, Section 1.
- 3.2.3.2 In the case of an L-IWVTA, one or more type approval certificates required by paragraph 3.2.3 can be omitted or replaced by the certificate according to earlier versions of the UN Regulations.
- [3.2.4 The DoF containing the information as defined in Annex 6].
- [3.2.5 A translation sheet of the vehicle independent information as defined in Appendix 1 to Annex 6 in the language or languages of the Contracting Party]
- [3.3 The application for approval and the accompanying documentation shall be drawn up in English language. If needed, the applicant shall provide translation of the documentation in the language requested by the Contracting Party processing the application. These requirements need not

apply to type approval certificates accompanying the application.

4. Approval

- 4.1 If the vehicle type submitted for approval pursuant to this Regulation meets the requirements of this Regulation, approval of that vehicle type shall be granted.
- 4.2 An approval number shall be assigned to each type approved in accordance with the provisions of Schedule 4 of the 1958 Agreement.
- 4.3 Notice of approval or of extension or refusal of approval of a vehicle type pursuant to this Regulation shall be communicated by means of a secure internet database in accordance with Schedule 5 of the 1958 Agreement to the Contracting Parties to the 1958 Agreement applying this Regulation, using a form conforming to the model in Annex 1 to this Regulation.
- 4.4 An international approval mark shall be affixed, conspicuously and in a readily accessible place specified on the approval form, to every vehicle conforming to a vehicle type approved under this Regulation. Such an international approval mark shall consist of:
 - 4.4.1 A circle surrounding the letter “E” followed by the distinguishing number of the country which has granted approval²;
 - 4.4.2 The number of this Regulation, followed by the letter “R”, a dash and the two digits of Section 2 indicating the applied series of amendments and the digits of Section 3 of the approval number referred to in paragraph 4.2 to the right of the circle prescribed in paragraph 4.4.1. The leading zeros to Section 3 may be omitted.
- 4.5 That international approval mark may be replaced by the Identifier in accordance with the provisions of Schedule 5 of the 1958 Agreement.
- 4.6 If the vehicle conforms to a vehicle type approved according to this Regulation, approval marks with regard to approvals granted for the UN Regulations listed in Annex 4, which are prescribed to be affixed to every vehicle, need not to be affixed to the vehicle.
- 4.7 The approval mark or Identifier shall be clearly legible and be indelible.
- 4.8 The approval mark or Identifier shall be placed close to or on the vehicle data plate affixed by the manufacturer.
- 4.9 Annex 2 to this Regulation gives an example of the arrangement of the approval mark or Identifier.

5. Specifications

5.1 Required certificates

The procedures of Annex 3 shall be followed:

- 5.1.1 A vehicle shall meet the prescribed requirements of this Regulation as well as those specified within the UN Regulations listed in Annex 4. This shall be demonstrated by type approval certificates according to those UN Regulations that cover all variants and versions of a vehicle type.
- 5.1.2 For a U-IWVTA to be recognized by all Contracting Parties applying this Regulation, this includes compliance to all UN Regulations listed in Annex 4, Part A, Section 1.

²see annex 3 of Document ECE/TRANS/WP.29/78/Rev.2

- 5.1.3. For an L-IWVTA one or more type approval certificates required by paragraph 3.2.3 can be omitted or replaced by the certificate according to an earlier version of the respective UN Regulation, taking into account the provisions of Annex 4, Part A, Section 2.

6. Test Procedure

- 6.1 Where compliance to the requirements of paragraph 5 is demonstrated by providing all required certificates that cover all variants and versions of the vehicle type, no further testing is foreseen for IWVTA.

7. [Modification of vehicle type and extension of approval]

- [7.1 Every modification of the vehicle type shall be notified to the [Contracting Party or its designated] approval authority which approved the IWVTA. The [Contracting Party or its designated] approval authority may then either
- (a) Decide, in consultation with the manufacturer, that a new IWVTA is to be granted, or
 - (b) Apply the procedure contained in paragraph 7.1.1. (Revision) and, if applicable, the procedure contained in paragraph 7.1.2. (Extension).

7.1.1 Revision

Where particulars recorded in the information package have changed, the amendment shall be designated a 'revision'.

In such a case, the approval authority shall issue the revised page(s) of the information package as necessary, marking each revised page to show clearly the nature of the change and the date of re-issue. A consolidated, updated version of the information package, accompanied by a detailed description of the changes, shall be deemed to meet this requirement.

7.1.2 Extension

The modification shall be designated an 'extension' if, in addition to the change of the particulars recorded in the information folder:

- (a) further inspections or new tests are required, or
- (b) any information on the communication document (with the exception of its attachments) has changed, or
- (c) new requirements under any of the UN Regulations applicable to the approved vehicle type enter into force and have been type approved for the vehicle type in question.

In such cases, the approval authority shall issue a revised communication document denoted by an extension number and incremented in accordance with the number of successive extensions already granted.

The communication document shall show clearly the reason for the extension and the date of re-issue.

- 7.2 Whenever amended pages or a consolidated, updated version are issued, the index to the information package attached to the communication document shall be amended accordingly to show the date of the most recent revision or extension, or the date of the most recent consolidation of the updated version.

- 7.3 No amendment to the approval of a vehicle type shall be required if the new requirements referred to in paragraph 7.1.2(c) are, from a technical perspective, not relevant to that vehicle type.

- 7.4 In the case of an extension, the approval authority shall update all relevant sections of the communication document, the attachments thereto, and the index to the information package. The updated communication document and its attachments shall be issued to the applicant without unjustified delay.
- 7.5 In the case of a revision, the revised documents or the consolidated, updated version, as appropriate, including the revised index to the information package, shall be issued by the approval authority to the applicant without unjustified delay.
- 7.6 Confirmation or refusal of approval, specifying the alterations, shall be communicated by the procedure specified in paragraph 4.3. above to the approval authorities of the Contracting Parties applying this Regulation.]

8. Conformity of production

The conformity of production procedures shall comply with those set out in Schedule 1 of the 1958 Agreement with the following requirements:

- 8.1 A vehicle approved to this Regulation shall be so manufactured as to conform to the type approved by meeting the requirements of paragraph 5. above.
- 8.2 The approval authority which has granted type approval may at any time verify the conformity control methods applied in each production facility. Such verification should primarily be aimed at the whole vehicle and assembly level activities and shall not, without reasonable justification, repeat previous assessments undertaken for the separate UN Regulations comprising part of the IWVTA.

9. Penalties for non-conformity of production

- 9.1 The approval granted in respect of a vehicle type pursuant to this Regulation may be withdrawn if the requirements are not complied with or if a vehicle bearing the approval mark does not conform to the vehicle type approved.
- 9.2 If a Contracting Party to the Agreement applying this Regulation withdraws an approval it has previously granted, it shall forthwith so notify the other Contracting Parties applying this Regulation by means of a communication form conforming to the example in Annex 1 to this Regulation.

10. Production definitely discontinued

If the holder of the approval completely ceases to manufacture a vehicle type approved in accordance with this Regulation, they shall inform the approval authority, which granted the approval. Upon receiving the relevant communication, that approval authority shall inform the other Contracting Parties to the 1958 Agreement applying this Regulation by means of a communication form conforming to the example in Annex 1 to this Regulation.

11. Names and addresses of Technical Services responsible for conducting approval tests and of approval authorities

The Contracting Parties to the 1958 Agreement applying this Regulation shall communicate to the United Nations Secretariat the names and addresses of the

Technical Services they have designated for conducting inspections and approval tests and of the approval authorities which grant approvals and to which forms certifying approval or extension or refusal or withdrawal of approval are to be sent.

12. [Introductory and transitional provisions

With this Regulation IWVTA is intended as an alternative to obtaining national or regional whole vehicle type approval. In this respect it is voluntary, and can be applied for at the discretion of the vehicle manufacturer.

This Regulation has no introductory provisions apart from the date of entry into force. However, when type approving a vehicle to this regulation the transitional provisions of each UN Regulation listed in Annex 4 shall be met for the respective vehicle systems.]

13 Special provisions for Contracting Parties applying this Regulation

- 13.1 Regardless of whether a Contracting Party applies any UN Regulations listed in Annex 4 it shall accept in accordance with the principles laid down in Article 1 of the 1958 Agreement a U-IWVTA as evidence of compliance for all vehicle systems, equipment and parts approved therein.
- 13.2 Regardless of whether a Contracting Party applies any UN Regulations listed in Annex 4 it may issue type approvals to this Regulation subject to the provisions of Article 2 of the 1958 Agreement, taking account of paragraph 2.8 of this Regulation.
- 13.3 Regardless of whether a Contracting Party applies any UN Regulations listed in Annex 4 it shall for the purpose of granting an IWVTA accept any type approvals issued according to UN Regulations listed in Annex 4. [For U-IWVTA it shall accept type approvals issued in accordance to the series of the amendments of the UN Regulations as listed in Annex 4, Section 1.]
- [13.4 Regardless of whether a Contracting Party applies any UN Regulations listed in Annex 4 it shall for the purpose of placing on the market of components for vehicles covered by a U-IWVTA, accept the individual type approvals referenced in the IWVTA as evidence of compliance for the respective vehicle systems, equipment and parts.]
- 13.5 If a Contracting Party wishes to accept either type approvals to earlier versions than those specified in Annex 4, Part A, Section 1 or the absence of type approvals, it shall notify so to the Secretariat of the Administrative Committee. For such notification including any changes the format provided in Annex 4, Part A, Section 3 shall be used. That Contracting Party shall then accept as evidence of compliance an L-IWVTA which includes at least the type approvals that are in accordance with the notification by the Contracting Party regarding Annex 4, Part A, Section 3. For all vehicle systems, equipment and parts approved therein approvals to later versions of the individual UN Regulations than those notified shall also be accepted.

Annex 1: Communication

Part A: Vehicles of category M1

(Maximum format: A4 (210 x 297 mm))



(³)

issued by: Name of type approval authority

.....
.....
.....

concerning: - APPROVAL GRANTED
- APPROVAL EXTENDED
- APPROVAL REFUSED
- APPROVAL WITHDRAWN
- PRODUCTION DEFINITELY DISCONTINUED⁴

of a vehicle type with regard to IWVTA, pursuant to UN Regulation No. 0.

Approval No.:.....

Extension No.:.....

Reason for extension:

SECTION I

- 0.1. Make (trade name of manufacturer):
- 0.2. Type:
 - 0.2.1. Commercial name(s) ⁽²⁾:
- 0.3. Means of identification of type, if marked on the vehicle:
 - 0.3.1. Location of that marking:
- 0.4. Category of vehicle ⁽³⁾:
- 0.5. Name and address of manufacturer:
- 0.8. Name(s) and address(es) of assembly plant(s):
- 0.9. Name and address of the manufacturer's representative (if any):

³ Distinguishing number of the country which has granted, extended, refused or withdrawn approval (see approval provisions in the Regulation).

⁴ Strike out what does not apply.

SECTION II

The undersigned hereby certifies the accuracy of the manufacturer's description in the attached information document of the vehicle(s) described above ((a) sample(s) having been selected by the type approval authority and submitted by the manufacturer as prototype(s) of the vehicle type) and that the attached test results are applicable to the vehicle type.

1. The vehicle type meets/does not meet ⁽¹⁾ the technical requirements of all the relevant UN Regulations as prescribed in Annex 4 to this Regulation.
2. The approval is granted/extended/refused/withdrawn ⁽¹⁾.
3. The approval is granted in accordance with the procedure for new technologies as defined in Schedule 7 of the 1958 Agreement and the validity of the approval is thus limited to dd/mm/yy⁽¹⁾.

(Place) (Signature) (Date)

Attachments:

- Information package.

Exemplary notes:

- (1) Delete where not applicable.
- (2) If not available at the time of granting the type approval, this item shall be completed at the latest when the vehicle is introduced on the market.
- (3) As defined in paragraph 2 to the Consolidated Resolution on the Construction of Vehicles (R.E.3) (document TRANS/WP.29/78/Rev.2).

Annex 2: Arrangement of the approval mark

(See paragraph 4.4. of this Regulation)

Section I: Approval mark for U-IWVTA



$a = 8 \text{ mm min.}$

The above approval mark affixed to a vehicle shows that the vehicle type concerned has, with regard to U-IWVTA, been approved in the Netherlands (E4) pursuant to this Regulation under the approval No. 001234. The first two digits (00) of the approval number indicate that the approval was granted in accordance with the requirements of this Regulation in its original form. The letter U identifies the approval as universal (cf. Article 2.3.1)

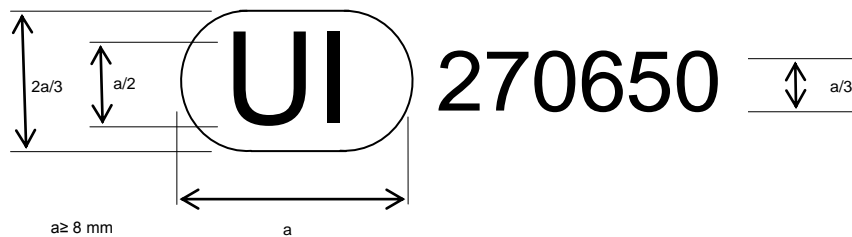
Section II: Approval mark for an L-IWVTA



$a = 8 \text{ mm min.}$

The above approval mark affixed to a vehicle shows that the vehicle type concerned has, with regard to L-IWVTA, been approved in the Netherlands (E4) pursuant to this Regulation under the approval No. 001234. The first two digits (00) of the approval number indicate that the approval was granted in accordance with the requirements of this Regulation in its original form. The letter L identifies the approval as one of limited recognition (cf. Article 2.3.2)

Section III: Approval mark using the Identifier referred to in paragraph 4.5 of this Regulation



The above Identifier affixed to a vehicle shows that the vehicle type concerned has been approved and that the relevant information on that type approval can be accessed on the UN secure internet database by using 270650 as identifier.

Annex 3: Procedures to be followed for IWVTA

0. Objectives and scope

0.1 This Annex sets out the procedures for IWVTA in accordance with the provisions of paragraph 5.1

1. Type approval process

When receiving an application for IWVTA, the Contracting Party shall:

(a) verify that all type approval certificates issued pursuant to the UN Regulations which are applicable for IWVTA cover the vehicle type and correspond to the prescribed requirements;

(b) by reference to the documentation make sure that the vehicle specifications and data contained in Part I of the vehicle information document are included in the data in the information packages and in the type approval certificates in respect of the relevant UN Regulations;

(c) when an item number in Part I of the information document is not included in the information package of any of the UN Regulations, confirm that the relevant part or characteristic conforms to the particulars in the information document;

(d) on a selected sample of vehicles from the type to be approved carry out or arrange to be carried out inspections of vehicle parts and systems to verify that the vehicle(s) is/are built in accordance with the relevant data contained in the authenticated information package in respect of the relevant type approval certificates;

(e) carry out or arrange to be carried out relevant installation checks in respect of separate technical units where applicable;

2. Combination of technical specifications

The number of vehicles to be submitted shall be sufficient to permit the proper check of the various combinations to be type approved according to the following criteria:

Technical specification	Vehicle category
	M1
Engine	X
Gear box	X
Number of axles	-
Powered axles (number, position and interconnection)	X
Steered axles (number and position)	X
Body styles	X
Number of doors	X
Hand of drive	X
Number of seats	X
Level of equipment	X

Annex 4: List of requirements for the purpose of IWVTA: List of regulatory acts

Part A: Requirements for vehicles of category M1

Section 1: List of requirements for U-IWVTA

In order to apply for a U-IWVTA the following UN Regulations have to be complied with and type approved for all variants and versions of a vehicle type for which approval is sought. In cases where these UN Regulations contain requirements both for parts and their installation on the vehicle, both aspects shall be covered by type approvals.

Number	Topic	UN Regulation ⁶	Series of amendments ⁷
1	Retro reflectors	3	
2	Direction indicators	6	
3	End-outline, stop, side marker, front/rear position (side)	7	
4	Radio interference	10	04
5	Door latches + hinges	11	03
6	Steering impact	12	04
7	Belt anchorages	14	07
8	Seats + head restraints	17	08
9	Front fog lamps	19	
10	Interior fittings	21	01
11	Reversing lamps	23	
12	External projections	26	03
13	Audible warning signals	28	00
14	Tires	30	
15	Light sources	37	
16	Rear fog lamps	38	
17	Speedometer	39	00
18	Safety glazing	43	01
19	Headlamp cleaners	45	
20	Installation of Lighting equipment	48	06
21	Tires	54	
22	Rear protective devices	58	
23	Parking lamps	77	
24	Steering efforts	79	01
25	Engine power	85	00
26	End-outline, stop, side marker, front/rear position (side)	91	
27	Frontal impact	94	02
28	Side impact	95	03
29	Headlamps	98	
30	Light sources	99	

Number	Topic	UN Regulation ⁶	Series of amendments ⁷
31	High voltage	100 *	02
32	Headlamps	112	
33	Wet grip	117	
34	Cornering lamps	119**	
35	Controls and tell tales	121	00
36	Headlamps	123	
37	Field of vision	125	01
38	Pedestrian protection	127	00
39	Light sources	128	

** : Cornering lamps (R119) must be equipped only when R48 requires them to be.

Number	Topic***	UN Regulation ⁶	Series of amendments ⁷
1	Rear registration plate lamps	4	
2	Braking	13H	00
3	ESC	13H	00
4	BA	13H	00
5	Safety belts	16	06
6	Fuel tanks	34	02
7	Integrated child restraints	44*	04
8	Indirect vision devices	46	04
9	Permissible sound level	51	02
10	Temporary tires/ TPMS	64	
11	CO2 emissions and fuel consumption	101	01
12	Anti-theft/ immobilizer	116	00
13	Tire installation		
14	WLTP		

***: These UN regulations have been identified as key topics and are under review by the competent subsidiary working parties for their inclusion in this Regulation.

⁶If a regulation number is followed by (*) this indicates that the respective requirement applies only if the corresponding system is fitted to the vehicle. This then means that for the purpose of a U-IWVTA both vehicles with or without this system are acceptable. However, where the system is fitted to the vehicle the requirement applies. The same also applies to systems not identified by * where it can be demonstrated that the corresponding requirements are not applicable to the vehicle type.

⁷ This represents the required minimum level of amendment and includes all supplements in force at the time the approval is issued. Approvals to any later series of amendments are equally acceptable.

Section 2: Provisions and requirements for L-IWVTA

In case of an L-IWVTA not all type approvals according to Section 1 of this part have to be provided. The manufacturer in applying for such an IWVTA can decide whether to:

- omit one or more type approvals required in Section 1 for U-IWVTA
- replace one or more type approvals required in Section 1 by approvals according to earlier versions of the respective UN Regulations.

Information about what will be acceptable to each Contracting Party under the limited recognition scheme can be found in [add reference to document number or website where a compendium of notifications will be published].

Number	Topic	UN Regulation ⁶	Series of amendments ⁷
1	Retro reflectors	3	
2	Direction indicators	6	
3	End-outline, stop, side marker, front/rear position (side)	7	
4	Radio interference	10	04
5	Door latches + hinges	11	03
6	Steering impact	12	04
7	Belt anchorages	14	07
8	Seats + head restraints	17	08
9	Front fog lamps	19	
10	Interior fittings	21	01
11	Reversing lamps	23	
12	External projections	26	03
13	Audible warning signals	28	00
14	Tires	30	
15	Light sources	37	
16	Rear fog lamps	38	
17	Speedometer	39	00
18	Safety glazing	43	01
19	Headlamp cleaners	45	
20	Installation of Lighting equipment	48	06
21	Tires	54	
22	Rear protective devices	58	
23	Parking lamps	77	
24	Steering efforts	79	01
25	Engine power	85	00
26	End-outline, stop, side marker, front/rear position (side)	91	
27	Frontal impact	94	02
28	Side impact	95	03
29	Headlamps	98	
30	Light sources	99	
31	High voltage	100 *	02

Number	Topic	UN Regulation ⁶	Series of amendments ⁷
32	Headlamps	112	
33	Wet grip	117	
34	Cornering lamps	119**	
35	Controls and tell tales	121	00
36	Headlamps	123	
37	Field of vision	125	01
38	Pedestrian protection	127	00
39	Light sources	128	

** : Cornering lamps (R119) must be equipped only when R48 requires their equipment

Number	Topic***	UN Regulation ⁶	Series of amendments ⁷
1	Rear registration plate lamps	4	
2	Braking	13H	00
3	ESC	13H	00
4	BA	13H	00
5	Safety belts	16	06
6	Fuel tanks	34	02
7	Integrated child restraints	44*	04
8	Indirect vision devices	46	04
9	Permissible sound level	51	02
10	Temporary tires/ TPMS	64	
11	CO2 emissions and fuel consumption	101	01
12	Anti-theft/ immobilizer	116	00
13	Tire installation		
14	WLTP		

***: These UN regulations have been identified as key topics and are under review by the competent subsidiary working parties for their inclusion in this Regulation.

Section 3: Notification Procedure

Contracting Parties accepting earlier versions than those specified in Annex 4, Part A, Section 1, or the absence of type approvals according Paragraph 13.4 shall notify the Secretariat of the Administrative Committee using the following form.

Number	Topic	UN Regulation ⁶	Minimum acceptable Series of amendments ⁷
1	Retro reflectors	3	
2	Direction indicators	6	
3	End-outline, stop, side marker, front/rear position (side)	7	
4	Radio interference	10	

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

**:.Cornering lamps (R119) must be equipped only when R48 requires their equipment

Number	Topic***	UN Regulation ⁶	Series of amendments ⁷
1	Rear registration plate lamps	4	
2	Braking	13H	00
3	ESC	13H	00

Number	Topic***	UN Regulation ⁶	Series of amendments ⁷
4	BA	13H	00
5	Safety belts	16	06
6	Fuel tanks	34	02
7	Integrated child restraints	44*	04
8	Indirect vision devices	46	04
9	Permissible sound level	51	02
10	Temporary tires/ TPMS	64	
11	CO2 emissions and fuel consumption	101	01
12	Anti-theft/ immobilizer	116	00
13	Tire installation		
14	WLTP		

***: These UN regulations have been identified as key topics and are under review by the competent subsidiary working parties for their inclusion in this Regulation.

Annex 5: Information document for the purpose of IWVTA

General prescriptions

The following information shall be supplied in triplicate and include a list of contents. Any drawings shall be supplied in appropriate scale and in sufficient detail on size A4, or on a folder of A4 format. Photographs, if any, shall show sufficient detail.

Part I: Identification of the variants and versions

Provide a suitable identification of all the variants and versions (as defined in Annex 7) within the vehicle type for which approval is sought. The identification scheme has to be used in Part II to transparently denote which data entries in the information document apply to which variant(s) and version(s) within the vehicle type.

Part II: Information document

A. Vehicles of category M1

[editorial note: entries in blue text should be reviewed whether they are necessary for category M1.]

- [0. GENERAL**
- 0.1. Make (trade name of manufacturer):
 - 0.2. Type:
 - 0.2.1. Commercial name(s) (if available):
 - 0.3. Means of identification of type, if marked on the vehicle ^(b):
 - 0.3.1. Location of that marking:
 - 0.4. Category of vehicle ^(c):
 - 0.5. Name and address of manufacturer:
 - 0.8. Name(s) and address(es) of assembly plant(s):
 - 0.9. Name and address of the manufacturer's representative (if any):.....
- 1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE**
- 1.1. Photographs and/or drawings of a representative vehicle:
 - 1.3. Number of axles and wheels:
 - 1.3.1. Number and position of axles with twin wheels:
 - 1.3.2. Number and position of steered axles:
 - 1.3.3. Powered axles (number, position, interconnection):
 - 1.4. Chassis (if any) (overall drawing):
 - 1.6. Position and arrangement of the engine:
 - 1.8. Hand of drive: left/right ⁽¹⁾
 - 1.8.1. Vehicle is equipped to be driven in right/left ⁽¹⁾ hand traffic
- 2. MASSES AND DIMENSIONS ^(g)**
(in kg and mm) (Refer to drawing where applicable)
- 2.1. Wheelbase(s) (fully loaded) ^(g1):
 - 2.1.1. Two-axle vehicles:
 - 2.1.2. Vehicles with three or more axles
 - 2.1.2.1. Axle spacing between consecutive axles going from the

- foremost to the rearmost axle:
- 2.1.2.2. Total axle spacing:
- 2.3.1. Track of each steered axle ^(g4):
- 2.3.2. Track of all other axles ^(g4):
- 2.4. Range of vehicle dimensions (overall)
- 2.4.2. For chassis with bodywork
- 2.4.2.1. Length ^(g5):
- 2.4.2.2. Width ^(g7):
- 2.4.2.3. Height (in running order) ^(g8) (for suspensions adjustable for height, indicate normal running position):
- 2.6. Mass in running order
(maximum and minimum for each variant):
- 2.6.1. Distribution of this mass among the axles
(maximum and minimum for each variant):
- 2.8. Technically permissible maximum laden mass stated by the manufacturer⁽ⁱ⁾ ⁽³⁾:
- 2.8.1. Distribution of this mass among the axles:
- 2.9. Technically permissible maximum mass on each axle:
- 2.10. Technically permissible maximum mass on each axle group:
- 2.11. Technically permissible maximum towable mass of the motor vehicle in case of
- 2.11.1. Drawbar trailer:
- 2.11.2. Semi-trailer:
- 2.11.3. Centre-axle trailer:
- 2.11.4. Technically permissible maximum mass of the combination ⁽³⁾:
.....
- 2.11.6. Maximum mass of unbraked trailer:
- 2.12. Technically permissible maximum static vertical load/mass on the vehicle's coupling point:
- 3. POWER PLANT** ^(k)
- 3.1. Manufacturer of the engine:
- 3.1.1. Manufacturer's engine code (as marked on the engine or other means of identification):
- 3.2. **Internal combustion engine**
- 3.2.1.1. Working principle: positive ignition/compression ignition ⁽¹⁾Cycle: four stroke/two stroke/rotary ⁽¹⁾
- 3.2.1.2. Number and arrangement of cylinders:
- 3.2.1.3. Engine capacity ^(m): cm³
- 3.2.1.6. Normal engine idling speed ⁽²⁾: min⁻¹
- 3.2.1.8. Maximum net power ⁽ⁿ⁾: kW at min⁻¹
(manufacturer's declared value)
- 3.2.2.1. Light-duty vehicles: Diesel / Petrol / LPG / NG or Biomethane / Ethanol (E85) / Biodiesel / Hydrogen ⁽¹⁾⁽⁶⁾
- 3.2.2.4. Vehicle fuel type: Mono fuel, Bi fuel, Flex fuel ⁽¹⁾
- 3.2.2.5. Maximum amount of biofuel acceptable in fuel (manufacturer's declared value): % byvolume
- 3.2.3. Fuel tank(s)
- 3.2.3.1. Service fuel tank(s)
- 3.2.3.1.1. Number and capacity of each tank:

- 3.2.3.2. Reserve fuel tank(s)
- 3.2.3.2.1. Number and capacity of each tank:
- 3.2.4. Fuel feed
- 3.2.4.1. By carburettor(s): yes/no ⁽¹⁾
- 3.2.4.2. By fuel injection (compression ignition only): yes/no ⁽¹⁾
- 3.2.4.2.2. Working principle: direct injection/pre-chamber/swirl chamber ⁽¹⁾
- 3.2.4.3. By fuel injection (positive ignition only): yes/no ⁽¹⁾
- 3.2.7. Cooling system: liquid/air ⁽¹⁾
- 3.2.8. Intake system
- 3.2.8.1. Pressure charger: yes/no ⁽¹⁾
- 3.2.8.2. Intercooler: yes/no ⁽¹⁾
- 3.2.9. Exhaust system
- 3.2.9.4. Type, marking of exhaust silencer(s):
Where relevant for exterior noise, reducing measures in the
engine compartment and on the engine:
- 3.2.9.5. Location of the exhaust outlet:
- 3.2.12. Measures taken against air pollution
- 3.2.12.2. Additional pollution control devices (if any, and if not covered by
another heading)
- 3.2.12.2.1. Catalytic converter: yes/no ⁽¹⁾
- 3.2.12.2.1.11. Regeneration systems/method of exhaust after-treatment systems,
description:
- 3.2.12.2.1.11.6. Consumable reagents: yes/no ⁽¹⁾
- 3.2.12.2.1.11.7. Type and concentration of reagent needed for catalytic action:
.....
- 3.2.12.2.2. Oxygen sensor: yes/no ⁽¹⁾
- 3.2.12.2.3. Air injection: yes/no ⁽¹⁾
- 3.2.12.2.4. Exhaust gas recirculation: yes/no ⁽¹⁾
- 3.2.12.2.5. Evaporative emissions control system: yes/no ⁽¹⁾
- 3.2.12.2.6. Particulate trap: yes/no ⁽¹⁾
- 3.2.12.2.7. On-board-diagnostic (OBD) system: yes/no ⁽¹⁾
- 3.2.12.2.8. Other systems (description and operation):
- 3.2.12.2.9. Torque limiter: yes/no ⁽¹⁾
- 3.2.13.1. Location of the absorption coefficient symbol (compression ignition
engines only):
- 3.2.15. LPG fuelling system: yes/no ⁽¹⁾
- 3.2.16. NG fuelling system: yes/no ⁽¹⁾
- 3.3. **Electric motor**
- 3.3.1. Type (winding, excitation):
- 3.3.1.1. Maximum hourly output: kW
- 3.3.1.2. Operating voltage: V
- 3.3.2. Battery
- 3.3.2.4. Position:
- 3.4. **Engine or motor combination**
- 3.4.1. Hybrid electric vehicle: yes/no ⁽¹⁾
- 3.4.2. Category of hybrid electric vehicle: off-vehicle charging / not off
vehicle charging: ⁽¹⁾
- 3.6.5. Lubricant temperature:

Minimum: K

Maximum: K

TRANSMISSION ^(p)

4.

4.2. Type (mechanical, hydraulic, electric, etc.):

4.5. Gearbox

4.5.1. Type (manual / automatic / CVT (continuously variable transmission)) (1)

4.6. Gearratios

Gear	Internal gearbox ratios (ratios of engine to gearbox output shaft revolutions)	Final drive ratio(s) (ratio of gearbox output shaft to driven wheel revolutions)	Total gear ratios
Maximum for CVT			
1			
2			
3			
...			
Minimum for CVT			
Reverse			

4.7. Maximum vehicle design speed (in km/h) ^(q)

5. AXLES

5.1. Description of each axle:

5.2. Make:

5.3. Type:

6. SUSPENSION

6.2. Type and design of the suspension of each axle or wheel:

6.2.1. Level adjustment: yes/no/optional ⁽¹⁾

6.2.3. Air-suspension for driving axle(s): yes/no ⁽¹⁾

6.2.3.1. Suspension of driving axle equivalent to air-suspension: yes/no ⁽¹⁾

6.2.4. Air-suspension for non-driving axle(s): yes/no ⁽¹⁾

6.2.4.1. Suspension of non-driving axle(s) equivalent to air-suspension: yes/no ⁽¹⁾

6.6.1. Tyre/wheel combination(s)

(a) for tyres indicate size designation, load-capacity index, speed category symbol, rolling resistance in accordance with ISO 28580 (where applicable) ^(r);

(b) for wheels indicate rim size(s) and off-set(s)

6.6.1.1. Axles

6.6.1.1.1. Axle 1:

6.6.1.1.2. Axle 2:

6.6.1.2. Spare wheel, if any:

6.6.2. Upper and lower limits of rolling radii

6.6.2.1. Axle 1:

6.6.2.2. Axle 2:

7. STEERING

7.2. Transmission and control

7.2.1. Type of steering transmission (specify for front and rear, if applicable):

7.2.2. Linkage to wheels (including other than mechanical means; specify for front and rear, if applicable):

- 7.2.3. Method of assistance, if any:
- 8. BRAKES**
- 8.5. Anti-lock braking system: yes/no/optional ⁽¹⁾
- 8.9. Brief description of the braking system:
- 8.11. Particulars of the type(s) of endurance braking system(s):
- 9. BODYWORK**
- 9.1. Type of bodywork using the codes set out in paragraph 2 of Part A of Annex 7:
- 9.3. **Occupant doors, latches and hinges**
- 9.3.1. Door configuration and number of doors:
- 9.9. **Devices for indirect vision**
- 9.9.1. Rear-view mirrors, stating, for each rear-view mirror:
- 9.9.1.1. Make:
- 9.9.1.2. Type approval mark:
- 9.9.1.3. Variant:
- 9.9.1.6. Optional equipment which may affect the rearward field of vision:
.....
- 9.9.2. Devices for indirect vision other than mirrors:
- 9.9.2.1. Type and description of the device:
- 9.10. **Interior arrangement**
- 9.10.3. Seats
- 9.10.3.1. Number of seating positions ^(s):
- 9.10.3.1.1. Location and arrangement:
- 9.10.3.2. Seat(s) designated for use only when the vehicle is stationary:
- 9.10.4.1. Type(s) of head restraints: integrated/detachable/separate ⁽¹⁾
- 9.10.4.2. Type approval number(s), if available:
- 9.10.8 Gas used as refrigerant in the air-conditioning system:
- 9.10.8.1. The air-conditioning system is designed to contain fluorinated greenhouse gases with a global warming potential higher than 150: yes/no ⁽¹⁾
- 9.12.2. Nature and position of supplementary restraint systems (indicate yes/no/optional):

(L = left-hand side, R = right-hand side, C = centre)

		Front airbag	Side airbag	Belt pre-loading device
First row of seats	L			
	C			
	R			
Second row of seats	L			
	C			
	R			

The table may be extended as necessary for vehicles with more than two rows of seats or if there are more than three seats across the width of the vehicle.

- 9.17. **Statutory plates**
- 9.17.1. Photographs and/or drawings of the locations of the statutory plates and inscriptions and of the vehicle identification number: ..
- 9.17.2. Photographs and/or drawings of the statutory plate and inscriptions (completed example with dimensions):
- 9.17.3. Photographs and/or drawings of the vehicle identification number (completed example with dimensions):

- 9.17.4.1. The meaning of characters in the second section and, if applicable, in the third section used to comply with the requirements of section 5.3 of ISO Standard 3779-1983 shall be explained:
- 9.17.4.2. If characters in the second section are used to comply with the requirements of section 5.4 of ISO Standard 3779-1983, these characters shall be indicated:
- 9.22. **Front under-run protection**
- 9.22.0. Presence: yes/no/incomplete ⁽¹⁾
- 9.23. **Pedestrian protection**
- 9.23.1. A detailed description, including photographs and/or drawings, of the vehicle with respect to the structure, the dimensions, the relevant reference lines and the constituent materials of the frontal part of the vehicle (interior and exterior), including detail of any active protection system installed
- 9.24. **Frontal protection systems**
- 9.24.1. General arrangement (drawings or photographs) indicating the position and attachment of the frontal protection systems:
- 9.24.3. Complete details of fittings required and full instructions, including torque requirements, for fitting:
- 11. CONNECTIONS BETWEEN TOWING VEHICLES AND TRAILERS AND SEMI-TRAILERS**
- 11.1. Class and type of the coupling device(s) fitted or to be fitted:
.....
- 11.3. Instructions for attachment of the coupling type to the vehicle and photographs or drawings of the fixing points at the vehicle as stated by the manufacturer; additional information, if the use of the coupling type is restricted to certain variants or versions of the vehicle type:
- 11.4. Information of the fitting of special towing brackets or mounting plates:
- 11.5. Type approval number(s):

Exemplary notes:

- (1) Delete where not applicable (there are cases where nothing needs to be deleted when more than one entry is applicable).
- (2) Specify the tolerance.
- (3) Please fill in here the upper and lower values for each variant.
- (6) Vehicles can be fuelled with both petrol and a gaseous fuel but, where the petrol system is fitted for emergency purposes or starting only and of which the petrol tank cannot contain more than 15 litres of petrol, will be regarded for the test as vehicles which can only run a gaseous fuel.
- (b) If the means of identification of type contains characters not relevant to describe the vehicle types covered by this information document, such characters shall be represented in the documentation by the symbol '?' (e.g. ABC??123??).
- (c) Classified according to the definitions as defined in Annex 7 to the Consolidated Resolution on the Construction of Vehicles (R.E.3) (document TRANS/WP.29/78/Rev.1/Amend.2 as last amended by Amend.4).
- (g) Standard ISO 612: 1978 — Road vehicles — Dimensions of motor vehicles and towed vehicles — terms and definitions.

- (g1) Motor vehicle and drawbar trailer: term No 6.4.1.
Semi-trailer and centre-axle trailer: term No 6.4.2.
Note: In the case of a centre-axle trailer, the axis of the coupling shall be considered as the foremost axle.
- (g4) Term No 6.5.
- (g5) Term No 6.1.
- (g7) Term No 6.2
- (g8) Term No 6.3
- (i) For trailers or semi-trailers, and for vehicles coupled with a trailer or a semi-trailer, which exert a significant vertical load on the coupling device or the fifth wheel, this load, divided by standard acceleration of gravity, is included in the maximum technically permissible mass.
- (k) In the case of a vehicle that can run either on petrol, diesel, etc., or also in combination with another fuel, items shall be repeated.
In the case of non-conventional engines and systems, particulars equivalent to those referred to here shall be supplied by the manufacturer.
- (m) This value shall be calculated ($\pi = 3,1416$) and rounded off to the nearest cm^3 .
- (n) Determined in accordance with the requirements as defined in Annex 1 to the Consolidated Resolution on the Construction of Vehicles (R.E.3) (document TRANS/WP.29/78/Rev.1/Amend.2 as last amended by Amend.4).
Note: this annex has been deleted. Reference is needed
- (p) The specified particulars are to be given for any proposed variants.
- (q) With respect to trailers, maximum speed permitted by the manufacturer.
- (r) For tyres of category Z intended to be fitted on vehicles whose maximum speed exceeds 300 km/h equivalent information shall be provided.
- (s) The number of seating positions to be mentioned shall be the one when the vehicle is in motion. A range can be specified in case of modular arrangement.]

Part III: Type approval numbers

Supply the information required by the following table in respect of the applicable subjects for this vehicle in Annex 4. (All relevant approvals for each subject shall be included. However, information in respect of components need not be given here so long as such information is included in the approval certificate relating to the installation prescriptions).

Regulation	Type approval number	Contracting Party issuing the type approval	Extension date	Variant(s)/ version(s)

Signed:

Position in company:

Date:

[Annex 6: IWVTA document of fulfilment (DoF)]

[0. OBJECTIVES

The IWVTA document of fulfilment (DoF) is a statement delivered by the vehicle manufacturer to the Contracting Party in order to assure that the vehicle complies with the legislation mandated by this Regulation at the time it was produced.

For these purposes, the IWVTA document of fulfilment has to include:

- (a) the Vehicle Identification Number;
- (b) the exact technical characteristics of the vehicle (i.e. it is not permitted to mention any range of value in the various entries).

1. GENERAL DESCRIPTION

- 1.1. The IWVTA document of fulfilment shall consist of
 - (a) SIDE 1, which consists of a statement of fulfilment by the manufacturer.
 - (b) SIDE 2, which is a technical description of the main characteristics of the vehicle.
 - (c) SIDE [3], which is a detailing the requirements of Annex 4 that are fulfilled.
- 1.2. The IWVTA document of fulfilment shall be established in a maximum format A4 (210 × 297 mm) or a folder of maximum format A4.
- 1.3. Without prejudice to the provisions in Section 0. (b), the values and units indicated in the second part shall be those given in the type approval documentation of the relevant UN Regulations. In case of conformity of production checks the values shall be verified according to the methods laid down in the relevant UN Regulations. The tolerances allowed in those UN Regulations shall be taken into account.

2. SPECIAL PROVISIONS

- 2.1. Model A shall be used for the IWVTA document of fulfilment of complete vehicles.

Model A:
IWVTA document of fulfilment for vehicles of category M1

SIDE 1

The undersigned [..... (Full name and position)]
hereby certifies that the vehicle:

- 0.1. Make (Trade name of manufacturer):
- 0.2. Type:
- Variant ^(a):
- Version ^(a):
- 0.2.1. Commercial name:
- 0.4. Vehicle category:
- 0.5. Name and address of manufacturer:
- 0.6. Location and method of attachment of the statutory plates:
- Location of the vehicle identification number:
- 0.9. Name and address of the manufacturer's representative (if any):
- 0.10. Vehicle identification number:

conforms in all respects to the type described in the documents for application of approval indicating the status of being produced for right/left ^(b) hand traffic and with metric/imperial ^(c) units for the speedometer ^(d).

(Place) (Date): ... (Signature):

SIDE 2

General construction characteristics

- 1. Number of axles: and wheels:
- 3. Powered axles (number, position, interconnection):

Main dimensions

- 4. Wheelbase ^(e): mm
- 5. Length: mm
- 6. Width: mm
- 7. Height: mm

Masses

- 13. Mass of the vehicle in running order: kg ^(f)
- 16. Technically permissible maximum masses
- 16.1. Technically permissible maximum laden mass: kg
- 16.2. Technically permissible mass on each axle: 1. ... kg 2. ... kg etc.
- 16.4. Technically permissible maximum mass of the combination: kg
- 18. Technically permissible maximum towable mass in case of:
 - 18.3. Centre-axle trailer: kg
 - 18.4. Unbraked trailer: kg
- 19. Technically permissible maximum static vertical mass at the coupling point: kg

Power plant

- 20. Manufacturer of the engine:
- 21. Engine code as marked on the engine:
- 22. Working principle:

23. Pure electric: yes/no ⁽¹⁾
 23.1. Hybrid [electric] vehicle: yes/no ⁽¹⁾
 24. Number and arrangement of cylinders:
 25. Engine capacity: cm³
 26. Fuel: Diesel/petrol/LPG/NG — Biomethane/Ethanol/Biodiesel/Hydrogen ⁽¹⁾
 26.1. Mono fuel/Bi fuel/Flex fuel ⁽¹⁾
 27. Maximum net power ^(g): kW at min⁻¹
 or maximum continuous rated power (electric motor) kW ⁽¹⁾

Maximum speed

29. Maximum speed: km/h

Axles and suspension

30. Axle(s) track: 1. mm 2. mm
 35. Tyre/wheel combination ^(h):

Brakes

36. Trailer brake connections mechanical/electric/pneumatic/hydraulic ⁽¹⁾

Bodywork

38. Code for bodywork ⁽ⁱ⁾:
 40. Colour of vehicle ⁽ⁱ⁾:
 41. Number and configuration of doors:
 42. Number of seating positions (including the driver) ^(k):
 42.1. Seat(s) designated for use only when the vehicle is stationary:
 42.3. Number of wheelchair user accessible position:

[Environmental performances]

[46. Sound level

- Stationary: dB(A) at engine speed: min⁻¹
 Drive-by: dB(A)]

[48. Exhaust emissions ^(m):

Number of the base regulation and latest series of amendments applicable:

- 1.1. test procedure: Type I or ESC ⁽¹⁾
 CO: HC: NO_x: HC + NO_x:
 Particulates:
 Smoke opacity (ELR): (m⁻¹)
 1.2. test procedure: Type I
 CO: THC: NMHC: NO_x:
 THC + NO_x: Particulates (mass): Particles (number):
 2. test procedure: ETC (if applicable)
 CO: NO_x: NMHC: THC: CH₄: Particulates:]

[49. CO₂ emissions/fuel consumption/electric energy consumption ^(m):

1. all power train except pure electric vehicles

	CO ₂ emissions	Fuel consumption
Urban conditions: g/km l/100 km / m ³ /100 km ⁽¹⁾
Extra-urban conditions: g/km l/100 km / m ³ /100 km ⁽¹⁾
Combined: g/km l/100 km / m ³ /100 km ⁽¹⁾
Weighted, combined g/km l/100 km

2. pure electric vehicles and OVC hybrid electric vehicles
 Electric energy consumption (weighted, combined ⁽¹⁾) Wh/km
 Electric range..... km]

Miscellaneous

52. Remarks:

[SIDE 3]

List of requirements fulfilled

Number	UN Regulation No.	Series of amendment No.	Supplement No.
1			
2			
3			
4			
5			
6			
....			
XX			
XX+1			

Explanatory Notes

- (1) Delete where not applicable.
- (a) Indicate the identification code. This code shall contain not more than 25 characters for a variant and not more than 35 characters for a version.
- (b) Indicate whether the vehicle is suitable for use in either right or left-hand traffic or both right and left-hand traffic.
- (c) Indicate whether the speedometer fitted has metric or both metric and imperial units.
- (d) This statement shall not restrict the right of the Contracting Parties to require technical adaptations in order to allow the registration of a vehicle in a Contracting Party other than the one for which it was intended when the direction of the traffic is on the opposite side of the road.
- (e) This entry shall be only completed when the vehicle has two axles.
- (f) This mass shall include the mass of the driver.
The actual mass may vary by 5 % with respect to the mass stated in this entry.
- (g) For hybrid electric vehicles, indicate both power outputs.
- (h) Optional equipment under this letter can be added under entry 'Remarks'.
- (i) The codes described in Annex 7 Part A paragraph 2. shall be used.
- (j) Indicate only the basic colour(s) as follows: white, yellow, orange, red, violet, blue, green, grey, brown or black.
- (k) Excluding seats designated for use only when the vehicle is stationary and the number of wheelchair positions.
- (m) Repeat for the various fuels which can be used. Vehicles, which can be fuelled with both petrol and gaseous fuel but where the petrol system is fitted for emergency purposes or starting only and of which the petrol tank cannot contain more than 15 litres of petrol, will be regarded as vehicles which can only run a gaseous fuel.

Appendix 1: Model translation sheet for the IWVTA document of fulfilment

It is envisioned that a translation sheet of the following structure is established for the IWVTA document of fulfilment for each vehicle category and for each language required by a Contracting Party.

These translation sheets facilitate the use of IWVTA documents of fulfilment in the respective Contracting Parties without the need for translation of all the individual data of each vehicle

Entry Number	English specification	Other language translation
0.1.	Make (Trade name of manufacturer):	
0.2.	Type: Variant ^(a) : Version ^(a) :	
0.2.1.	Commercial name:	
0.4.	Vehicle category:	
0.5.	Name and address of manufacturer:	
0.6.	Location and method of attachment of the statutory plates: Location of the vehicle identification number:	
0.9.	Name and address of the manufacturer's representative (if any):	
0.10.	Vehicle identification number:	
	conforms in all respects to the type described in the documents for application of approval indicating the status of being produced for right/left ^(b) hand traffic and with metric/imperial ^(c) units for the speedometer ^(d) .	
	(Place) (Date): (Signature):	
	General construction characteristics	
1.	Number of axles: ... and wheels: ...	
3.	Powered axles (number, position, interconnection):	
	Main dimensions	
4.	Wheelbase ^(e) : mm	
4.1.	Axle spacing: 1-2: ... mm 2-3: ... mm 3-4: ... mm	
5.	Length: mm	

Entry Number	English specification	Other language translation
6.	Width: mm	
7.	Height: mm	
...		

Footnote Number	English specification	Other language translation
------------------------	------------------------------	-----------------------------------

- | | | |
|-----|--|--|
| | Explanatory Notes | |
| (1) | Delete where not applicable. | |
| (a) | Indicate the identification code. This code shall contain not more than 25 characters for a variant and not more than 35 characters for a version. | |
| (b) | Indicate whether the vehicle is suitable for use in either right or left-hand traffic or both right and left-hand traffic. | |
| (c) | Indicate whether the speedometer fitted has metric or both metric and imperial units. | |
| (d) | This statement shall not restrict the right of the Contracting Parties to require technical adaptations in order to allow the registration of a vehicle in a Contracting Party other than the one for which it was intended when the direction of the traffic is on the opposite side of the road. | |
| (e) | This entry shall be only completed when the vehicle has two axles. | |
| (f) | This mass shall include the mass of the driver.
The actual mass may vary by 5 % with respect to the mass stated in this entry. | |
| (g) | For hybrid electric vehicles, indicate both power outputs. | |
| (h) | Optional equipment under this letter can be added under entry 'Remarks'. | |
| (i) | The codes described in Annex 7 Part A paragraph 2. shall be used. | |
| (j) | Indicate only the basic colour(s) as follows: white, yellow, orange, red, violet, blue, green, grey, brown or black. | |
| (k) | Excluding seats designated for use only when the vehicle is stationary and the number of wheelchair positions. | |

Footnote English specification
Number

Other language translation

- (l) Need reference definition of emission levels
- (m) Repeat for the various fuels which can be used. Vehicles, which can be fuelled with both petrol and gaseous fuel but where the petrol system is fitted for emergency purposes or starting only and of which the petrol tank cannot contain more than 15 litres of petrol, will be regarded as vehicles which can only run a gaseous fuel.]

Annex 7: Definition of the vehicle type

Part A: Vehicles of category M1

1. Definition of vehicle type, variant, and version

1.1 Vehicle type

1.1.1 A "vehicle type" shall consist of vehicles which have all of the following features in common:

(a) the manufacturer's company name.

A change in the legal form of ownership of the company does not require that a new approval has to be granted;

(b) the design and assembly of the essential parts of the body structure in the case of a self-supporting body.

The same shall apply *mutatis mutandis* to vehicles the bodywork of which is bolted on or welded to a separate frame;

1.1.2 By way of derogation from the requirements of point 1.1.1(b), when the manufacturer uses the floor portion of the body structure as well as the essential constituent elements forming the front part of the body structure located directly in front of the windscreen bay, in the construction of different kinds of bodywork (for example a saloon and a coupe), those vehicles may be considered as belonging to the same type. Evidence thereof shall be provided by the manufacturer.

1.1.3 A type shall consist of at least one variant and one version.

1.2 Variant

1.2.1 A "variant" within a vehicle type shall group the vehicles which have all of the following construction features in common:

(a) the number of lateral doors or the type of bodywork as defined in paragraph 2 when the manufacturer uses the criterion of paragraph 1.1.2;

(b) the power plant with regard to the following construction features:

(i) the type of energy supply (internal combustion engine, electric motor or other);

(ii) the working principle (positive ignition, compression ignition or other);

(iii) the number and arrangement of cylinders in the case of internal combustion engine (L4, V6 or other);

(c) the number of axles;

(d) the number, and interconnection of powered axles;

(e) the number of steered axles;

1.3 Version

1.3.1 A "version" within a variant shall group the vehicles which have all the following features in common:

(a) the technically permissible maximum laden mass;

(b) the engine capacity in the case of internal combustion engine;

(c) the maximum engine power output or the maximum continuous

- rated power (electric motor);
- (d) the nature of the fuel (petrol, gas oil, LPG, bi-fuel or other);
- (e) the maximum number of seating positions;
- (f) drive-by sound level;
- (g) exhaust emission level;
- (h) combined or weighted, combined CO₂ emissions;
- (i) electric energy consumption (weighted, combined);
- (j) combined or weighted, combined fuel consumption;

2. Types of bodywork

The codes of vehicles of categories M1⁵ shall be used.

⁵ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.2, paragraph 2.9.1. –
www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html