

Regulation No. 0

UNIFORM PROVISIONS CONCERNING THE INTERNATIONAL APPROVAL OF WHOLE VEHICLES

Preamble

[add description of motivation and overall concept]

Contents

Regulation No. 0.....	1
UNIFORM PROVISIONS CONCERNING THE INTERNATIONAL APPROVAL OF WHOLE VEHICLES.....	1
Draft History.....	
Preamble	1
Contents.....	1
1. Scope.....	2
2. Definitions	2
3. Application for approval	3
4. Approval.....	3
5. Specifications.....	4
6. Tests	5
7. Modification of vehicle type and extension of approval.....	5
8. Conformity of production.....	6
9. Penalties for non-conformity of production.....	6
10. Production definitely discontinued	7
11. Names and addresses of Technical Services responsible for conducting approval tests and of Administrative Departments.....	7
12. Introductory and transitional provisions	7
Annex 1: Communication	8
Part A: Vehicles of category M1	8
SECTION I.....	8
SECTION II.....	8
Annex 2: Arrangement of the approval mark	10
Annex 3: Procedures to be followed during I-WVTA of vehicles.....	11
Annex 4: List of requirements for the purpose of I-WVTA: List of regulatory acts....	13
Part A: Requirements for vehicles of category M1	13
Table 1: List of mandatory requirements	13
Table 2: List of if-fitted requirements.....	14
Table 3: List of alternative requirements for a I-WVTA with limited validity	14
Table 4: List of national or regional requirements for I-WVTA.....	14
Annex 5: Information document for the purpose of I-WVTA of vehicles	15
General prescriptions	15
Part I: Identification of the variants and versions.....	15
Part II: Information document.....	15
A. Vehicles of category M1.....	15
Part III: Type approval numbers	21
Annex 6: Certificate of conformity	22

Model A: UN-Certificate of conformity for complete vehicles of category M1	23
SIDE 1	23
SIDE 2	23
Appendix 1: Model translation sheet for the certificate of conformity	26
Annex 7: Definition of the vehicle type	29
Part A: Vehicles of category M1	29

1. Scope

- 1.1 This Regulation applies to vehicles of categories M1 as defined in paragraph 2.2.1 of R.E.3¹. It specifies requirements for the type approval of a whole vehicle (I-WVTA, international whole vehicle type approval).
- 1.1.1 In the current implementation this regulation handles only vehicle manufactured in one stage or completed vehicles.
- 1.2 It does not apply to the individual approval of vehicles.

2. Definitions

For the purpose of this Regulation and of the Regulations listed in Annex 4, save as otherwise provided therein:

- 2.1 “Manufacturer” means the person or body who is 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 any natural or legal person who is duly appointed by the manufacturer to represent him before the approval authority and to act on his behalf in matters covered by this Regulation, and where reference is made to the term ‘manufacturer’, it is to be understood as indicating either the manufacturer or his representative.
- 2.2. “Vehicle type” means motor vehicles, which do not differ in at least the essential respects specified in Annex 8. A type of vehicle may contain variants and versions as defined in Annex 8.
- 2.3 ‘International whole vehicle type approval’ or ‘I-WVTA’ means the procedure whereby a Contracting Party certifies that a type of vehicle satisfies the relevant administrative provisions and technical requirements of this Regulation and of the regulations listed in Annex 4.
- 2.3.1 ‘I-WVTA of limited validity’ means an I-WVTA which is accepted by some but not all Contracting Parties who are signatories to this regulation. The concept is introduced to allow Contracting Parties accept approvals to preceding amendments or to unamended regulations as listed in Annex 4, Part A, Table 3
- 2.4 ‘certificate of conformity’ means the document set out in Annex 6, issued by the manufacturer and certifying that a vehicle belonging to the series of the type approved in accordance with this Regulation complied with all annexed regulations at the time of its production.
- 2.5 ‘information document’ means the document set out in Annex 5, or in the corresponding Annex to an annexed regulation, that prescribes the information to be supplied by an applicant, it being permissible to supply the information document in the form of an electronic file.

¹Document ECE/TRANS/WP.29/78/Rev.2

- 2.6 'information folder' means the complete folder, including the information document, file, data, drawings, photographs, and so on, supplied by the applicant, it being permissible to supply the information document in the form of an electronic file.
- 2.7 'information package' means the information document 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, it being permissible to supply the information package in the form of an electronic file.
- 2.8 '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 that document being such as to present a record of the successive steps in the management of the type-approval, in particular the dates of the revisions and updating.

3. Application for approval

- 3.1 The application for approval of a vehicle type with regard to I-WVTA shall be submitted by the manufacturer.
- 3.2 It shall be accompanied by the following documents and particulars:
- 3.2.1 the information document containing the information required under Annex 5, Part II
- 3.2.2 the list regulations to which the type of vehicle complies according to Annex 5, Part III
- 3.2.3 the complete set of type-approval certificates required pursuant to each of the applicable regulations listed in Annex 4, Part A, Table 1.
- 3.2.3.1 in case the manufacturer applies for an I-WVTA with limited validity, one or more type-approval certificates required by 3.2.3 can be replaced by the certificate according to the appropriate entry of Annex 4, Part A, Table 3
- 3.2.4 in accordance with 3.2.2 type-approval certificates according to the regulations listed in Annex 4, Part A, Table 2 for all respective vehicle systems covered by those regulations, which are fitted to the vehicle.
- 3.3 The manufacturer shall submit the application to the approval authority. Only one application may be submitted in respect of a particular type of vehicle and it may be submitted in only one Contracting Party. A separate application shall be submitted for each type to be approved.

4. Approval

[editorial note: the marking requirements in this chapter reflect the current status of other UN regulations. If this marking scheme is revised (e.g. via progress in the DETA project) the respective prescriptions have to be updated.]

- 4.1 If the vehicle type submitted for approval pursuant to this Regulation meets the requirements of the Regulation, approval of that vehicle type shall be granted.
- 4.2 An approval number shall be assigned to each type approved. Its first two digits (at present 00 for the Regulation in its original form) shall indicate the series of amendments incorporating the most recent major technical amendments made to the Regulation at the time of issue of the approval. The same Contracting Party shall not assign this number to another vehicle type.

- 4.3 Notice of approval or of extension or refusal of approval or production definitely discontinued of a vehicle type pursuant to this Regulation shall be communicated to the Parties to the 1958 Agreement applying this Regulation, by means of 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 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 approval number to the right of the circle prescribed in paragraph 4.4.1.
- 4.5 If the vehicle conforms to a vehicle type approved according to this regulation, no approval marks with regard to approvals granted for the regulations listed in annex 4 need to be affixed to the vehicle.
- 4.6 The approval mark shall be clearly legible and be indelible.
- 4.7 The approval mark shall be placed close to or on the vehicle data plate affixed by the manufacturer.
- 4.8 Annex 2 to this Regulation gives an example of the arrangement of the approval mark.

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 in the regulations required in Annex 4. This shall be demonstrated by type-approval certificates according to those regulations.
- 5.1.2 For a I-WVTA to be recognized in all Contracting Parties who are signatories to this regulation this includes:
- 5.1.2.1 Compliance to all regulations listed in Annex 4, Part A, Table 1
- 5.1.2.2 If the respective systems are fitted on the vehicle compliance to all regulations listed in Annex 4, Part A, Table 2.
Contracting Parties can choose to mandate one or more systems covered by Table 2. In that case, the corresponding requirements have to be met in order for the I-WVTA to be recognized in said Contracting Party.
- 5.1.3. For an I-WVTA with limited validity one or more type-approval certificates required by 3.2.3 can be replaced by the certificate according to the appropriate entry of Annex 4, Part A, Table 3.
In this case systems covered by Annex 4, Part A, Table 2 can also be omitted if they are not mandated by the Contracting Parties for which validity of the approval is sought.
However, if the respective systems are fitted on the vehicle they need to comply with the requirements of the corresponding entry of Table 2.

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

5.2 Certificate of conformity

- 5.2.1 The manufacturer, in his capacity as the holder of an I-WVTA, shall deliver a certificate of conformity (CoC) to accompany each vehicle that is manufactured in conformity with the approved vehicle type. The contents of the CoC are defined in Annex 6.
- 5.2.2 The certificate of conformity shall be drawn up in English language. Any Contracting Party may request a translation sheet of the vehicle independent information as defined in Appendix 1 to Annex 6 mapping the generic part of the CoC into its own language or languages.
- 5.2.3 The certificate of conformity shall be designed to prevent forgery. To that end, the paper used shall be protected either by coloured graphics or by a watermark in the form of the manufacturer's identification mark.
- 5.2.4 The certificate of conformity shall be completed in its entirety and shall not contain restrictions as regards the use of the vehicle other than those provided for in a UN regulation.
- 5.2.5 Without prejudice to the provisions of paragraph 5.2.1, the manufacturer may transmit data or information contained in the certificate of conformity by electronic means to the registration authority of the Contracting Party.
- 5.2.6 A duplicate of the certificate of conformity may be issued only by the manufacturer. The word 'duplicate' must be clearly visible on the face of any duplicate certificate.

6. Tests

- 6.1 In case compliance to the requirements of section 5 is demonstrated by providing all required certificates covering all versions and variants of the vehicle type no further testing is foreseen for I-WVTA.

7. Modification of vehicle type and extension of approval

- 7.1 The manufacturer shall inform the Contracting Party that granted the I-WVTA of any change in the particulars recorded in the information package. That Contracting Party shall decide, in accordance with the rules laid down in this paragraph, which procedure is to be followed. Where necessary, the Contracting Party may decide, in consultation with the manufacturer, that a new I-WVTA is to be granted.
- 7.2 An application for the amendment of an I-WVTA shall be submitted exclusively to the Contracting Party that granted the original approval.
- 7.3 If particulars recorded in the information document have changed, the amendment shall be designated a 'revision'.
In such cases, the approval authority shall issue the revised page of the information document 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 document, accompanied by a detailed description of the changes, shall be deemed to meet this requirement.
- 7.4 The revision shall be designated an 'extension' if, in addition to the provisions of paragraph 7.3:
- (a) further inspections or fresh tests are required;
 - (b) any information on the type-approval certificate, with the exception of its attachments, has changed;

(c) new requirements under any of the regulations applicable to the approved vehicle type enter into force.

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

The approval certificate shall show clearly the reason for the extension and the date of re-issue.

- 7.5 Whenever amended pages or a consolidated, updated version are issued, the index to the information package attached to the approval certificate shall be amended accordingly to show the date of the most recent extension or revision, or the date of the most recent consolidation of the updated version.
- 7.6 No amendment to the approval of a type of vehicle shall be required if the new requirements referred to in paragraph 7.4(c) are, from a technical point of view, irrelevant to that type of vehicle.
- 7.7 In the case of an extension, the approval authority shall update all relevant sections of the type-approval certificate, the attachments thereto, and the index to the information package. The updated certificate and its attachments shall be issued to the applicant without unjustified delay.
- 7.8 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.
- 7.9 Confirmation or refusal of approval, specifying the alterations, shall be communicated by the procedure specified in paragraph 4.3. above to the Parties to the Agreement applying this Regulation.
- 7.10 The competent authority issuing the extension of approval shall assign a series number to each communication form drawn up for such an extension and inform thereof the other Parties to the 1958 Agreement applying this Regulation by means of a communication form conforming to the model in Annex 1 to this Regulation.

8. Conformity of production

The conformity of production procedures shall comply with those set out in the Agreement, appendix 2 (E/ECE/324-E/ECE/TRANS/505/Rev.2) 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 set forth in paragraph 5. above.
- 8.2. The authority which has granted type approval may at any time verify the conformity control methods applied in each production facility. The normal frequency of these verifications shall be once every two years.

9. Penalties for non-conformity of production

- 9.1 The approval granted in respect of a type of vehicle 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 type approved.
- 9.2. If a 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 type of vehicle approved in accordance with this Regulation, he shall inform the authority, which granted the approval. Upon receiving the relevant communication, that authority shall inform thereof the other Parties to the 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 Administrative Departments

The Parties to the 1958 Agreement applying this Regulation shall communicate to the United Nations Secretariat the names and addresses of the technical services responsible for conducting approval tests and of the administrative departments which grant approval and to which forms certifying approval or extension or refusal or withdrawal of approval, issued in other countries, are to be sent.

12. Introductory and transitional provisions

With this regulation I-WVTA is introduced as an alternative to obtaining national or regional whole vehicle type approval. In this respect it is purely 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 regulation listed in Annex 4 shall be obeyed for the respective vehicle system.

Annex 1: Communication

Part A: Vehicles of category M1

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



(³)

issued by: Name of administration:
.....
.....

- concerning:
- APPROVAL GRANTED
 - APPROVAL EXTENDED
 - APPROVAL REFUSED
 - APPROVAL WITHDRAWN
 - PRODUCTION DEFINITELY DISCONTINUED ⁴

of a type of vehicle with regard to whole vehicle type approval, pursuant to 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):

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 UN type-approval authority and submitted by the

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.

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 regulations as prescribed in Annex 4 to Regulation UN-R 0.
2. The approval is granted / refused / withdrawn ⁽¹⁾.
3. The approval is granted in accordance with the procedure for new technologies as defined in [ECE/TRANS/WP.29/1059 \[reference needs to be updated once this is formally incorporated into the 58 agreement\]](#) and the validity of the approval is thus limited to dd/mm/yy ⁽¹⁾.

(Place) (Signature) (Date)

Attachments:

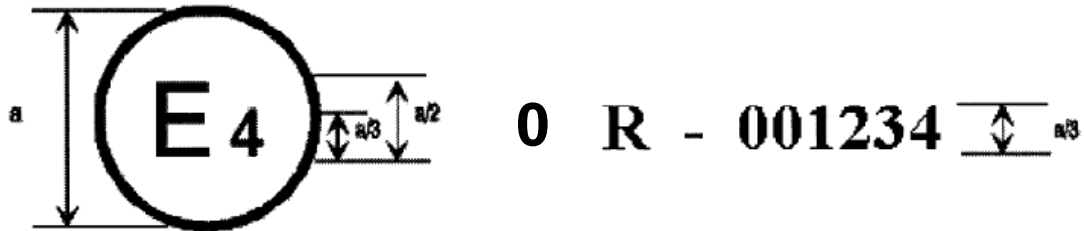
- Information package.
- Name(s) and specimen(s) of the signature(s) of the person(s) authorised to sign certificates of conformity and a statement of their position in the company.

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)



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

The above approval mark affixed to a vehicle shows that the vehicle type concerned has, with regard to I-WVTA, been approved in the Netherlands (E4) pursuant to Regulation No. 0 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 Regulation No. 0 in its original form.

Annex 3: Procedures to be followed during I-WVTA of vehicles

[editorial note: Text in blue is not needed for the first stage of I-WVTA because that is limited to category M1 and single-stage built vehicles. It is up to the informal group to decide whether to keep this text in order to eliminate future needs for updates]

0. Objectives and scope

0.1 This Annex establishes the procedures for the proper operation of the vehicle type-approval in accordance with the provisions of Article 5.1

1. Type-approval process

When receiving an application for whole vehicle type-approval, the approval authority shall:

(a) verify that all type-approval certificates issued pursuant to the regulations which are applicable for vehicle type-approval 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 regulations;

(c) when an item number in Part I of the information document is not included in the information package of any of the 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	M2	M3	N1	N2	N3	O1	O2	O3	O4
Engine	X	X	X	X	X	X	-	-	-	-
Gear box	X	X	X	X	X	X	-	-	-	-
Number of axles	-	X	X	X	X	X	X	X	X	X
Powered axles (number, position and interconnection)	X	X	X	X	X	X	-	-	-	-
Steered axles (number and position)	X	X	X	X	X	X	X	X	X	X
Body styles	X	X	X	X	X	X	X	X	X	X
Number of doors	X	X	X	X	X	X	X	X	X	X
Hand of drive	X	X	X	X	X	X	-	-	-	-

Number of seats	X	X	X	X	X	X	-	-	-	-
Level of equipment	X	X	X	X	X	X	-	-	-	-

Annex 4: List of requirements for the purpose of I-WVTA: List of regulatory acts

Part A: Requirements for vehicles of category M1

The list of requirements to obtain an I-WVTA is structured in the following tables

- **Table 1: List of mandatory requirements**

Approvals to the regulations listed in this table are obligatory in order to obtain an I-WVTA.

- **Table 2: List of if-fitted requirements**

If a system covered by the regulations listed in this table is fitted on a vehicle, then the respective approval is required to obtain an I-WVTA. Whether these systems are mandated is up to national or regional law in the respective Contracting Party.

- **Table 3: List of alternative requirements for a I-WVTA with limited validity**

If a manufacturer chooses to apply for an I-WVTA with limited validity according to Article 2.3.1 then he can opt to make use of the alternatives provided in this table. Consequently, the validity of the approval is restricted to those Contracting Parties signing up to the respective entry in table 3.

[start of text needed only when moving from step 1 to step2 in the implementation of I-WVTA, cf. document IWVTA-04-10:

- **Table 4: List of national or regional requirements for I-WVTA**

This table lists regulations other than UN-regulations compliance to which is required by one or more Contracting Parties in order for an I-WVTA to be accepted on their territory. Compliance must be demonstrated in terms of a national or regional type approval for the respective vehicle system(s).

End of text needed only when moving from step 1 to step2 in the implementation of I-WVTA, cf. document IWVTA-04-10]

Note: all tables list only the requirements on vehicle level. If a vehicle level approval necessitates further approvals on component level, then these are considered to be incorporated by reference in the vehicle level UN-regulation.

[Editorial note: all entries in the following tables of this annex are only provided for illustration of the concept. Filling out those tables is a task of the Informal Group I-WVTA.]

Table 1: List of mandatory requirements

Number	Topic	UN-Regulation	Series of amendments ⁵
1.1	Radio interference	10	04
1.2	Door latches + hinges	11	03
1.3	Steering impact	12	04
1.4	Braking system	13-H	00
...			
1.??	Installation of Lighting equipment	48	05
...	...		
1.??	Exhaust emissions	83	06

⁵ The entry is understood as the required minimum, i.e. any later series of amendments is equally acceptable.

Table 2: List of if-fitted requirements

Number	Topic	UN-Regulation	Series of amendments ⁶	Contracting Parties mandating the fitment, if any
2.1	Electronic stability control	13-H	00, suppl. 11	
2.2	Brake assist system	13-H	00, suppl. 11	
2.3	Tyre pressure monitoring system	64	02	
...				

Table 3: List of alternative requirements for a I-WVTA with limited validity

Number	Entry in table 1	Topic	Requirement for "universal I-WVTA according to table 1	Alternative requirement	Contracting Parties accepting the alternative
3.1	1.??	Installation of Lighting equipment	48.05	UN-R 48.04	List of countries accepting vehicles without DRL
3.2	1.??	Exhaust emissions	83.06	UN-R 83.05	List of countries accepting vehicles with Euro 4
...					

[start of text needed only when moving from step 1 to step2 in the implementation of I-WVTA, cf. document IWVTA-04-10:

Table 4: List of national or regional requirements for I-WVTA

Number	Topic	National or regional regulation	Contracting Parties requiring the approval
4.1	Towing devices	77/389/EEC	EU
4.2	Odometer	Art.46	Japan
...			

End of text needed only when moving from step 1 to step2 in the implementation of I-WVTA, cf. document IWVTA-04-10]

⁶ The entry is understood as the required minimum, i.e. any later series of amendments is equally acceptable.

Annex 5: Information document for the purpose of I-WVTA of vehicles

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) : cm ³
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): % by volume
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 offvehicle charging: ⁽¹⁾
- 3.6.5. Lubricant temperature:
Minimum: K
Maximum: K
4. **TRANSMISSION** ^(p)
- 4.2. Type (mechanical, hydraulic, electric, etc.):

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

4.6. Gear ratios

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) ⁽⁹⁾

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) ⁽¹⁾;
 (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 section 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: Certificate of conformity

0. OBJECTIVES

The certificate of conformity is a statement delivered by the vehicle manufacturer to the buyer in order to assure him that the vehicle he has acquired complies with the legislation mandated by I-WVTA at the time it was produced.

The certificate of conformity also serves the purpose to enable the competent authorities of the Contracting Parties to register vehicles without having to require the applicant to supply additional technical documentation.

For these purposes, the certificate of conformity 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 certificate of conformity shall consist of two parts.

(a) SIDE 1, which consists of a statement of compliance by the manufacturer. This template is common to all vehicle categories.

(b) SIDE 2, which is a technical description of the main characteristics of the vehicle. The template of side 2 is adapted to each specific vehicle category.

1.2. The certificate of conformity 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 regulations. In case of conformity of production checks the values shall be verified according to the methods laid down in the relevant regulations. The tolerances allowed in those regulations shall be taken into account.

2. SPECIAL PROVISIONS

2.1. Model A shall be used for the certificate of conformity of complete vehicles.

Model A:**UN-Certificate of conformity for complete 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 approval (..... type-approval number including extension number) issued on (..... date of issue) and can be permanently registered in Contracting Parties having right/left ^(b) hand traffic and using metric/imperial ^(c) units for the speedometer ^(d).

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

SIDE 2

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

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 ⁽⁹⁾: 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 ^(h):
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)

47. Exhaust emission level ^(l):**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:

48.1. Smoke corrected absorption coefficient: (m⁻¹)**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:

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 section 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 certificate of conformity

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

These translation sheets facilitate the use of certificates of conformity 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 approval (..... type-approval number including extension number) issued on (..... date of issue) and can be permanently registered in Contracting Parties having right/left ^(b) hand traffic and using 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	
6.	Width: mm	

Entry Number	English specification	Other language translation
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 section 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.	
(l)	Need reference definition of emission levels	

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

(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

[editorial note: Text in blue is not needed for the first stage of I-WVTA because that is limited to category M1 and single-stage built vehicles. It is up to the informal group to decide whether to keep this text in order to eliminate future needs for updates]

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;

(c) in the case of multi-stage built vehicles, the manufacturer and the type of the previous stage vehicle.

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 Section 1 of Part C when the manufacturer uses the criterion of point 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;

(f) the stage of completion (e.g. complete/incomplete).

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 defined in paragraph 2.9.1 of R.E.3⁷ shall be used

⁷ Document ECE/TRANS/WP.29/78/Rev.2