

Basic Outline of the 1958 Agreement

The 61st Asia Expert Meeting in Cambodia

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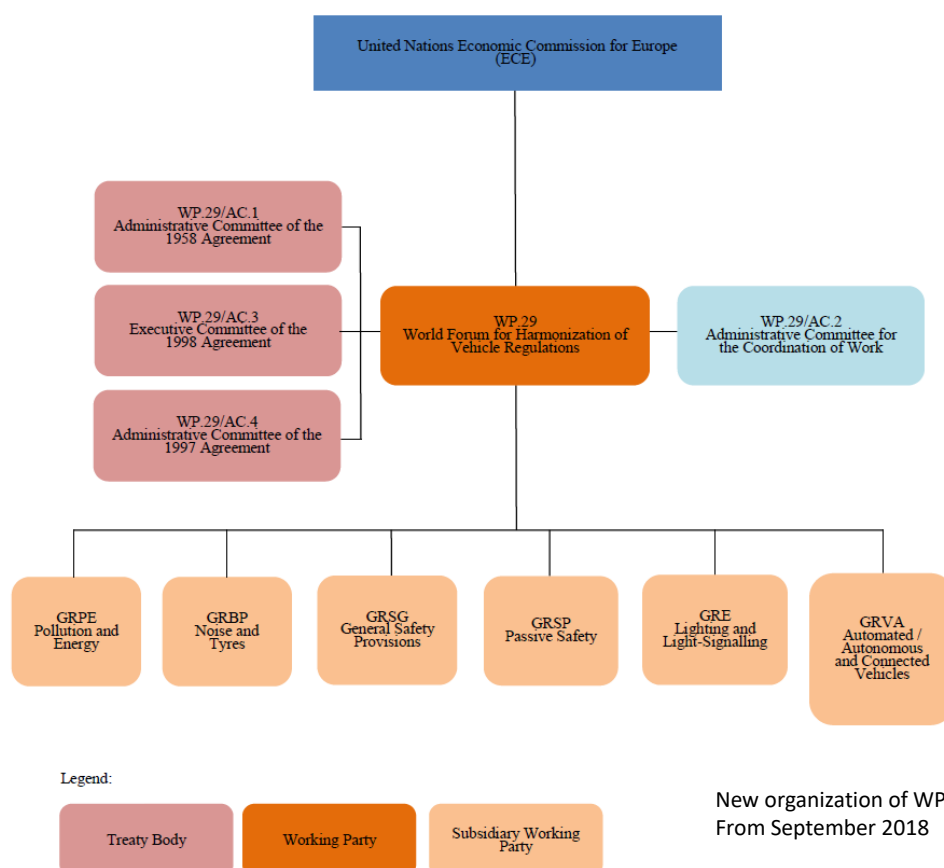


JAPAN AUTOMOBILE STANDARDS INTERNATIONALIZATION CENTER

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(International Whole Vehicle Type Approval)



The World Forum WP.29 administers the following three UN Agreements:

- Agreement concerning the Adoption of Harmonized Technical United Nations Regulations for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these United Nations Regulations (Revision 3). (The UN 1958 Agreement),
- The agreement concerning the Establishing of Global Technical Regulations for Wheeled Vehicles, Equipment and Parts which can be fitted and/or be used on Wheeled Vehicles, of 1998 (The UN 1998 Agreement).
- The agreement concerning the Adoption of Uniform Conditions for Periodical Technical Inspections of Wheeled Vehicles and the Reciprocal Recognition of such Inspections, of 1997. (The UN 1997 Agreement),

2. Outline of 1958 Agreement



- ◆ The UN 1958 Agreement provides the legal and administrative framework for establishing international UN Regulations (annexed to the agreement) with uniform performance-based test provisions, administrative procedures for granting type approvals, for the conformity of production and for the mutual recognition of the type approvals granted by contracting parties.
- ◆ The 1958 Agreement has 57 contracting parties
- ◆ The last revision of the agreement (Revision 3) of the 1958 Agreement, entered into force on 14 September 2017.
- ◆ There are 152 UN Regulations annexed to the agreement. (January 2020)

2. Outline of 1958 Agreement



Main provisions of the 1958 Agreement

- ◆ The 1958 Agreement seeks to establish UN Regulations for wheeled vehicles, equipment and parts which can be fitted and/or be used on wheeled vehicles, and conditions for granting type approvals and their reciprocal recognition for use by contracting parties. With its Revision 3, the 1958 Agreement also seeks to establish an International Whole Vehicle Type Approval (IWVTA) system;
- ◆ New UN Regulations and amendments to existing UN Regulations are established by a vote of four-fifths majority of contracting parties present and voting;
- ◆ Contracting parties can decide not to apply the new UN Regulations and the amendments to existing ones;
- ◆ A contracting party that adopted any UN Regulation is allowed to grant type approvals for motor vehicle systems and parts covered by that UN Regulation and is required to accept type approvals granted by any other contracting party applying it;

2. Outline of 1958 Agreement



Structure of Revision 3 of the 1958 Agreement

Text of the 1958 Agreement

Appendix Composition and Rule of procedure of the Administrative committee

Annex(UN regulations) – addendum to 1958 agreement

No.0 IWVTA : Vehicle approval requirements (New UN Reg.)

No.1 Headlamps

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No.145 ISOFIX anchorage systems, ISOFIX top tether anchorages and i-Size seating positions

SAPP(Schedule of Administrative and Procedural Provisions)

Schedule 1 Conformity of production procedures

Schedule 2 Part one: Assessment, designation and notification of technical services

Part two: Standards which the technical services, referred to in Part one of this Schedule, shall comply with

Part three: Procedure for the assessment of technical services

Schedule 3 Procedures for UN type approvals

Schedule 4 Numbering of UN type approvals

Schedule 5 Circulation of approval documentation

Schedule 6 Procedures for resolving interpretation issues in relation to the application of UN Regulations and granting approvals pursuant to these UN Regulations

Schedule 7 Procedure for exemption approvals concerning new technologies

Schedule 8 General conditions for virtual testing methods

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UN Regulations



#	Title		Application
0	International Whole Vehicle Type Approval (IWVTA)	WP29	19.07.2018
1&2	Headlamps	GRE	
3	Reflex Reflectors	GRE	24.11.1998
4	Rear Registration Plate Lamps	GRE	21.07.2015
5	Sealed Beam Headlamps	GRE	
6	Direction Indicators	GRE	31.03.2000
7	Front and Rear Position (Side) Lamps, Stop Lamps and End-Outline Marker Lamps	GRE	24.11.1998
8	Halogen Headlamps	GRE	
9	Noise (Three-Wheeled Vehicles)	GRB	
10	Uniform Provisions Concerning The Approval of Vehicles with Regard to Electromagnetic Compatibility	GRE	15.08.2011
11	Door Latches and Hinges	GRSP	01.09.2002
12	Steering Mechanism	GRSP	01.10.2004
13	Braking (M, N and O)	GRRF	24.02.2013
13H	Braking (M1 and N1)	GRRF	24.11.1998
14	Safety Belt (Seatbelt) Anchorages	GRSP	01.10.2006
15	Exhaust Emission	GRPE	
16	Safety Belts (Seatbelts)	GRSP	15.10.2008
17	Seats	GRSP	01.09.2002
18	Protection against Unauthorized Use	GRSG	
19	Front Fog Lamps	GRE	24.11.1998
20	Halogen Headlamps (H4)	GRE	
21	Interior Fittings	GRSP	21.03.2015
22	Motor Cycles and Mopeds Helmet	GRSP	
23	Reversing Lamps and Manoeuvring Lamps	GRE	31.03.2000
24	Diesel-Powered Motor Vehicle Exhaust Emission Regulations	GRPE	
25	Head Restraints	GRSP	01.09.2002
26	External Projections (Passenger Cars)	GRSG	30.06.2001
27	Warning Triangles	GRE	31.03.2000
28	Audible Warning Devices	GRB	24.11.1998
29	Cabs of Commercial Vehicles	GRSP	
30	Pneumatic Tyres (Passenger Cars)	GRRF	30.06.2003
31	Halogen Sealed Beam Headlamps	GRE	
32	Behaviour of Vehicle in Rear-End Collision	GRSP	
33	Behaviour of Vehicle in Head-On Collision	GRSP	
34	Prevention of Fire Risks	GRSG	21.07.2015
35	Arrangement of Foot Controls	GRSG	
36	Construction of Buses	GRSG	



















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#	Title		Application
37	Filament Lamps	GRE	21.07.2015
38	Rear Fog Lamps	GRE	31.03.2000
39	Speedometer	GRSG	30.06.2001
40	Exhaust Emission (Motor Cycle)	GRPE	
41	Noise (Motor Cycle)	GRB	04.02.2013
42	Bumpers	GRSP	
43	Uniform Provisions Concerning The Approval of Safety Glazing Materials	GRSG	16.08.2014
44	Child Restraint Systems	GRSP	01.10.2006
45	Headlamp Cleaners	GRE	30.06.2001
46	Rear-View Mirrors	GRSG	15.10.2016
47	Exhaust Emission Regulations (Moped)	GRPE	
48	Installation of Lights (M,N and O)	GRE	01.10.2004
49	Exhaust Emission	GRPE	
50	Lights (Moped, Motor Cycle)	GRE	21.07.2015
51	Noise	GRB	13.06.2016
52	Construction of Small Buses	GRSG	
53	Installation of Lights (Motor Cycle)	GRE	
54	Pneumatic Tyres (Commercial Vehicle)	GRRF	30.06.2003
55	Mechanical coupling components	GRRF	
56	Headlamps (Moped)	GRE	
57	Headlamps (Motor Cycle)	GRE	
58	Rear Underrun Protection	GRSG	01.09.2002
59	Replacement Silencing System	GRB	
60	Identification of Controls (Motor Cycle, Moped)	GRSG	16.08.2014
61	External Projections (Commercial Vehicle)	GRSG	
62	Protection against Unauthorised Use (Motor Cycle)	GRSG	31.03.2000
63	Noise (Moped)	GRB	
64	Temporary-Use Spare Wheels/Tyres and Run Flat Tyres	GRRF	16.08.2014
65	Special Warning Lights	GRE	
66	Strength of Super Structure (Large Passenger Vehicle)	GRSG	12.11.2016
67	Specific Equipment of Vehicles Using LPG	GRSG	
68	Measurement of the Maximum Speed	GRPE	
69	Rear Marking Plates for Slow-Moving Vehicles	GRE	
70	Rear Marking Plates for Heavy and Long Vehicles	GRE	01.04.2007
71	Driver's Field of Vision of Agricultural Tractors	GRSG	
72	Halogen Headlamps (HS1 for Motor Cycle)	GRE	

#	Title		Application
73	Lateral Protection of Large Vehicles	GRSG	
74	Installation of Lights (Moped)	GRE	
75	Pneumatic Tyres Braking (Category L)	GRRF	30.06.2003
76	Headlamps (Moped)	GRE	
77	Parking Lamps	GRE	30.06.2001
78	Braking (Category L)	GRRF	18.06.2007
79	Steering Equipment	GRRF	16.08.2014
80	Seats (M2 and M3)	GRSP	01.10.2006
81	Rear-View Mirrors (Motor Cycle)	GRSG	30.06.2001
82	Halogen Headlamps (HS2 for Moped)	GRE	
83	The Emission of Pollutants According to Engine Fuel Requirements	GRPE	
84	Measurement of Fuel Consumption	GRPE	
85	Measurement of Engine Power	GRPE	14.02.2019
86	Installation of Lights for Agricultural Tractors	GRE	
87	Daytime Running Lamps	GRE	16.01.2017
88	Retroreflective Tyres (Motor Cycle)	GRE	
89	Speed Limitation Devices	GRRF	
90	Replacement Brake Lining Assemblies and Drum Brake Linings	GRRF	
91	Side-Marker Lamps	GRE	30.06.2001
92	Replacement Silencing System (Motor Cycle)	GRB	
93	Front Underrun Protection	GRSG	01.04.2007
94	Protection of the Occupants in the Event of a Frontal Collision	GRSP	01.04.2007
95	Protection of the Occupants in the Event of a Lateral Collision	GRSP	31.03.2000
96	Diesel Engine for Agricultural Tractors	GRPE	
97	Vehicle Alarm Systems (VAS)	GRSG	
98	Headlamps (Gas-Discharge Light Sources)	GRE	01.10.2009
99	Gas-Discharge Light Sources	GRE	21.07.2015
100	Electric Power Trained Battery Type Electric Vehicles	GRSP	15.08.2011
101	Emission of Carbon Dioxide and Fuel Consumption (Passenger Car)	GRPE	
102	A Close-Coupling Device	GRRF	
103	Replacement Catalytic Converters	GRPE	
104	Retro-Reflective Markings for Large Vehicles	GRE	01.10.2004
105	The Carriage of Dangerous Goods with Regard to Their Specific Constructional Features	GRSG	
106	Pneumatic Tyres for Agricultural Vehicles	GRRF	
107	Category M2 or M3 Vehicles with Regard to Their General Construction, Construction of Double-Decker Buses	GRSG	
108	Retreaded Pneumatic Tyres (Passenger Vehicle)	GRRF	
109	Retreaded Pneumatic Tyres (Commercial Vehicle)	GRRF	

# *	Title		Application
110	Vehicles Using CNG	GRSG	18.08.2017
111	Rollover stability (Tank Vehicles of Categories N and O)	GRRF	
112	Headlamps (with an Asymmetrical Passing Beam)	GRE	01.10.2009
113	Headlamps (with a Symmetrical Passing Beam)	GRE	21.07.2015
114	Replacement Airbag System	GRSP	
115	LPG/CNG Retrofit System	GRPE	
116	Protection against Unauthorized Use	GRSG	06.04.2005
117	Tyre Noise Regulations	GRB	30.11.2015
118	Fire Resistance of Interior Materials of Buses	GRSG	
119	Cornering Lamps	GRE	06.04.2005
120	Measurement of Power of Internal Combustion Engines to Be Installed in Agricultural Vehicles and in Non-Road Mobile Machinery	GRPE	
121	The Location and Identification of Hand Controls, Tell-Tales and Indicators	GRSG	04.02.2013
122	Heating System	GRSG	
123	AFS	GRE	11.06.2007
124	Wheels for Passenger Cars	GRRF	
125	Forward Field of Vision	GRSG	05.01.2014
126	Partitioning Systems	GRSP	
127	Pedestrian Safety	GRSP	17.11.2012
128	LED Light Sources	GRE	21.07.2015
129	Enhanced Child Restraint Systems (ECRS)	GRSP	09.02.2014
130	Lane Departure Warning System (LDWS)	GRRF	05.01.2014
131	Advanced Emergency Braking Systems (AEBS)	GRRF	05.01.2014
132	Retrofit Emission Control Devices (REC)	GRPE	
133	Recyclability of Motor Vehicles	GRPE	
134	Hydrogen and Fuel Cell Vehicles	GRSP	15.10.2016
135	Pole Side Impact (PSI)	GRSP	15.06.2015
136	Two-Wheeled Electric Vehicles (category L)	GRSP	20.01.2016
137	Occupant Protection in Full-Lap Frontal Collision	GRSP	09.06.2016
138	Quiet Road Transport Vehicles (QRTV)	GRB	15.11.2017
139	Brake Assist Systems (BAS)	GRRF	22.01.2017
140	Electronic Stability Control (ESC)	GRRF	22.01.2017
141	Tyre Pressure Monitoring Systems (TPMS)	GRRF	22.01.2017
142	Tyre Installation	GRRF	22.01.2017
143	Heavy Duty Dual-Fuel Engine Retrofit Systems	GRPE	

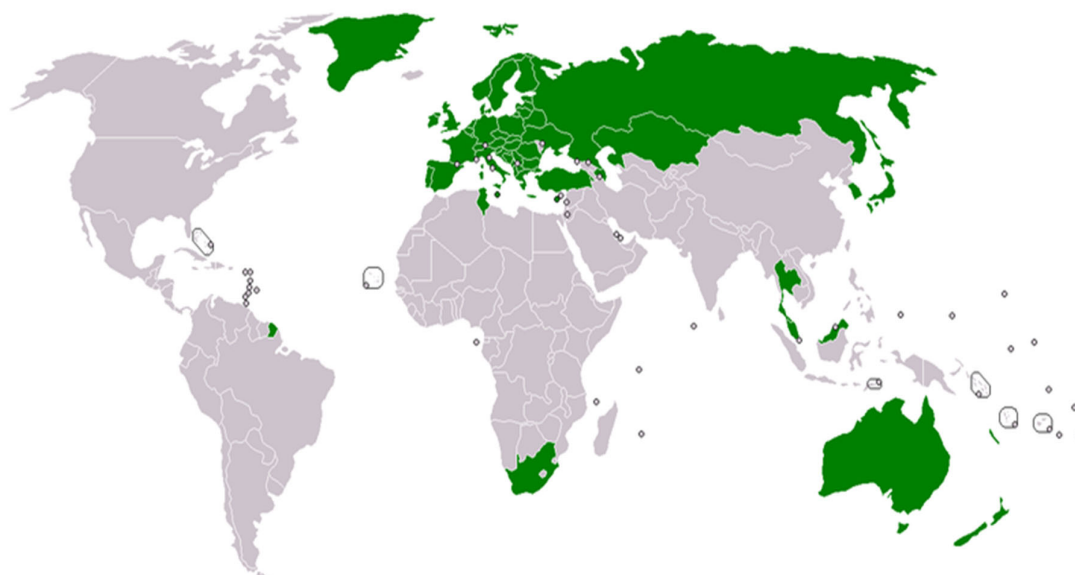
# *	Title		Application
144	Accident Emergency Call Systems (AECS)	GRSG	19.07.2018
145	ISOFIX anchorage systems, ISOFIX top tether anchorages and i-Size seating positions	GRSP	19.07.2018
146	Hydrogen and Fuel Cell Vehicles of category L	GRSP	02.01.2019
147	Mechanical coupling components of combinations of agricultural vehicles	GRRF	02.01.2019
148	Light-signalling devices (lamps)	GRE	[15.11.2019]
149	Road illumination devices (lamps) and systems	GRE	[15.11.2019]
150	Retro-reflective devices and markings	GRE	[15.11.2019]
151	Blind Spot Information System for the Detection of Bicycles(BSIS)	GRSG	[15.11.2019]
152	Advanced Emergency Braking System (AEBS)	GRVA	[22.01.2020]

L	Motor vehicles with less than four wheels	  
M1	Passenger capacity ≤ 9 persons (include driver seat)	  
M2, M3	Passenger capacity ≥ 10 persons	  
N1	Light duty truck GVM $\leq 5t$	  
N2, N3	Heavy duty truck GVM $> 5t$	  
O	Trailer, Semi-Trailer	  

Purposes of this Agreement:

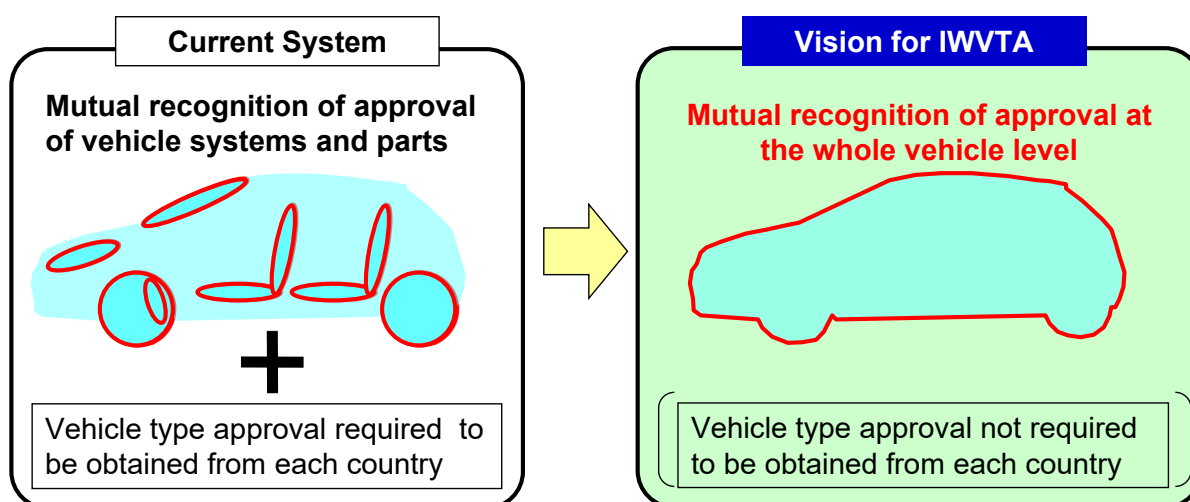
The term "wheeled vehicles, equipment and parts" shall include any wheeled vehicles, equipment and parts whose characteristics have a bearing on vehicle safety, protection of the environment, energy saving and the performance of anti-theft technology.

Contracted Parties : 57



UN Regulation No. 0 (UN R0)

UN R0 seeks to establish an internationally recognised whole vehicle type approval (IWVTA) scheme within the framework of the revised 1958 Agreement.



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Objective of IWVTA

The principal objective of IWVTA is expanding the mutual recognition of vehicle systems and components to whole vehicles by:

- Achieving wider acceptance of the vehicle/component type approvals pursuant to the UN Regulations;
- Increasing the transparency of vehicle type approval procedures in the Contracting Parties applying the IWVTA regulation;
- Simplifying procedures and minimizing administrative burdens in obtaining national/regional vehicle type approvals; and
- Providing a flexible approach to help Contracting Parties developing their national new-vehicle approval requirements.

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Thank you!