

GRBP Subjects for the Future

Main subjects: priority 1, 2, 3

Based on document [GRB-68-06](#) and on discussions at the meeting of 31st of October 2018- Brussels.

R51 Category M & N	Priority 1	Priority 2	Priority 3
R51	Limit value for phase 3 (Tyre noise limits related to ECE51.03)		
R51 (see also R41, R117, All)	Track alignment and measurement discrepancies Consider extended uncertainty Regulations consideration on tolerances for type defining parameters		
R51 (see also R41, All)	Manipulation-safe active components and software		
R51		Anti-tampering , other requirements	
R51		Pass by test light for roadside-checks and PTI	
R51		GENERAL for all Reg.: Next generation test method. The current test methods take a great number of man-hours and a long time; next-generation test methods need to be studied (noise in motion, stationary noise or equivalent test).	
R51			GTR on pass-by noise test procedure

R9, R41, R63 Category L	Priority 1	Priority 2	Priority 3
R41 (see also R51, R117, All)	Track alignment and measurement discrepancies Consider extended uncertainty Regulations consideration on tolerances for type defining parameters		
R41 (see also R51, All)	Manipulation-safe active components and software		
R9, R41, R63	Pass by test light for roadside-checks and PTI		
R9, R41, R 63		Anti-tampering , other requirements	
R9, R41, R63		Limit values	

R28	Priority 1	Priority 2	Priority 3
R28			Pedestrian Horn. Much quieter than present situation (eg regulation 3/2014/EC part 1 §1.3 and part 2 §1,5)- Horn related to vehicle speed
R59	Priority 1	Priority 2	Priority 3
R59	ASEP NORESS		
R138	Priority 1	Priority 2	Priority 3
R138			Special sound for Autonomous Driving PEVs Vehicles
R138			Definition of quiet vehicles regardless the PWT
R.E.3.	Priority 1	Priority 2	Priority 3
R.E.3.			Interior Noise (NVH Comfort limit and measurement methods inside the vehicles for M&N categories)
R.E.3.			Infrasound inside vehicles
R.E.3.			Siren-Harmonize testing method for siren (To be include in R.E.3. or a new regulation)

Tyre	Priority 1	Priority 2	Priority 3
R117 (see also R41, R51, All)	Track alignment and measurement discrepancies Consider extended uncertainty Regulations consideration on tolerances for type defining parameters		
R117	Introduction of 3PMSF provisions not in the scope of R117		
R117	Introduction of new Wet Grip test method for C1 tyres		
R117	Introduction of performance of tyre in use		
R117		Tyre noise limits	
R117		Addition of ice performance requirements for winter tyres	
R117/R108/ R109			Tyre noise limits /retreaded tyres
GTR 16		Introduction of new Wet Grip test method for C1 tyres	
GTR 16			North America all seasons tyres definition
R30, R 64	Extended Mobility Tyres		

Other Regulations GRBP	Priority 1	Priority 2	Priority 3
Agricultural tractors			Sound emission by agricultural and forestry tractors

All Regulations GRBP	Priority 1	Priority 2	Priority 3
All (see also R41, R51, R117)	Consider extended uncertainty for all acoustic relevant regulations Regulations consideration on tolerances for type defining parameters		
All (see also R41, R51)	Manipulation-safe active components and software		
All regulations		Indoor type approval test (extension to all regulations)	
All regulations			Virtual Type Approval

New Regulations GRBP	Priority 1	Priority 2	Priority 3
New Regulation	Reverse Warning devices		
New Regulation		Delivery noise	
New Regulation		Quiet city buses	

Other issues GRBP	Priority 1	Priority 2	Priority 3
Other issues		Method or recommendation for assessment of the type of road surface regarding rolling noise, rolling resistance, skid resistance, life span (road labelling)	

GRBP Subjects for the Future

Ongoing subjects: Priority 1, 2, 3

Meeting 31st October, 2018
Brussels

Document: [GRB-68-06](#)

Ongoing R51 Category M & N	Priority 1	Priority 2	Priority 3
R51	ASEP/ Real driving sound emissions and the extended work of IWG ASEP		
R51	Clarification of not precisely prescribed provisions (soft criteria) in regulation R 51		
R51	Selection scheme for a representative vehicle for type approval test for R 51		
R51	Measurement methods of exterior noise emitted by electric vehicles (M&N categories)		
R51		Autonomous vehicles testing	
R51			Improvement of the test method for M3 gasoline vehicles, Non lockable gear for Passenger car, Hybrid vehicle
R51			Measurement Procedure: Special Purpose Vehicles, SPV like mobile cranes etc are not covered by UNECE, only inside Framework Directive 2007/46

Ongoing R9, R41 Category L	Priority 1	Priority 2	Priority 3
R41	ASEP/ Real driving sound emissions and the extended work of IWG ASEP		
R9, R41			Hybrid Electric Vehicles (HEVs) to be included in ECE R9 and ECE R41-04

Ongoing R138	Priority 1	Priority 2	Priority 3
R138	Maintenance QRTV		
R138		QRTV (GTR)	

Ongoing R.E.3.	Priority 1	Priority 2	Priority 3
R.E.3.			Definition: Special Purpose Vehicles, SPV like mobile cranes etc are not covered by UNECE, only inside Framework Directive 2007/46

Ongoing Tyre	Priority 1	Priority 2	Priority 3
GTR 16	Development of amdt. 2		
R64	TPMS (amendment GSR 661/2009/EC)		
R117		Indoor testing (on drum)	
R30, R54, R75, R106, R108, R109, R117		Harmonisation of definitions as presented with GRRF-82-21	
R30, R54, R75, R106, R108, R109, R117		Need to amend in tyre regulations, the tyre size designation definition	
R117			Alignment ECE117 and ISO 13325 (2003)

Ongoing Other Regulations GRBP	Priority 1	Priority 2	Priority 3
Other Regulations		Clarification of not precisely prescribed provisions (soft criteria) in other regulations regulation	

Ongoing All Regulations GRBP	Priority 1	Priority 2	Priority 3
All Regulations			Update on instrumentation

Ongoing Other issues GRBP	Priority 1	Priority 2	Priority 3
Other issues			Noise emitted by the engine cooling system

GRBP Subjects for the Future

Main subject (Priority 1 for M & N):
Revision of limit values Phase 3

Meeting 31st October, 2018
Brussels

Document: [GRB-68-06](#)

Regulation (EU) No. 540/2014 – *Article 11*

Article 11

Revision clause

The Commission shall carry out and publish a detailed study on sound level limits by 1 July 2021. The study shall be based on vehicles meeting the latest regulatory requirements. On the basis of the conclusions of that study, the Commission shall, where appropriate, submit a legislative proposal.

UN Regulation No. 51.03

Working Party on Noise (GRB) response on *Article 11*

Report of the Working Party on Noise on its sixtieth session

Geneva, 1-3 September 2014

V. Regulation No. 51 (Noise of M and N categories of vehicles) (agenda item 4)

A. Development

5.

GRB noted that, following the entry into force of phase 2 for new types of vehicles, EU would undertake a detailed study to review the limits of phase 3 and to correct these values, if deemed to be necessary. Other Contracting Parties were invited to conduct similar studies in the future and to transmit their outcomes to GRB.