

GRPE and potential references to UN Regulations Nos. 155 (Cyber security and cyber security management system) and 156 (Software update and software update management system) in relevant GRPE UN Regulations

Draft Note by the secretariat

Following a presentation at WP.29 by GRVA secretariat (WP.29-191-16), WP.29 agreed to request all GRs to evaluate, which UN Regulations could benefit from the software update provisions.

Annex 7 to R.E.3* provides draft text that could be included in the relevant UN regulations providing guidance should GRs wish to amend relevant UN regulations.

A similar activity could also be envisaged for UN Further activities might be needed to tailor the necessary changes to each UN Regulations.

Table 1

List of GRPE UN regulations and potential links with UN Regulations Nos. 155 and 156

<i>UN Regulations under GRPE's purview</i>	<i>Relevant for UN Regulation No. 155</i>	<i>Relevant for UN Regulation No. 156</i>	<i>Note</i>
24 (Visible pollutants, measurement of power of C.I. engines (Diesel smoke));	X	X	
40 (Emission of gaseous pollutants by motorcycles);	X	X	
47 (Emission of gaseous pollutants of mopeds)	X	X	
49 (Emissions of compression ignition and positive ignition (LPG and CNG) engines);	X	X	
68 (Measurement of the maximum speed, including electric vehicles);	X	X	
83 (Emissions of M ₁ and N ₁ vehicles);	X	X	
85 (Measurement of the net power);	X	X	
96 (Diesel emission (agricultural tractors));	X	X	
101 (CO ₂ emissions/fuel consumption)	X	X	
103 (Replacement pollution control devices);	X	X	

* <https://unece.org/transport/documents/2023/05/standards/consolidated-resolution-construction-vehicles-re3-revision-7>

<i>UN Regulations under GRPE's purview</i>	<i>Relevant for UN Regulation No. 155</i>	<i>Relevant for UN Regulation No. 156</i>	<i>Note</i>
115 (LPG and CNG retrofit systems);	X	X	
120 (Net power of tractors and non-road mobile machinery);	X	X	
132 (Retrofit Emissions Control devices (REC));	X	X	
133 (Recyclability of motor vehicles);			
143 (Heavy duty dual-fuel engine retrofit systems)	X	X	
154 (Worldwide harmonized Light vehicles Test Procedure (WLTP Regulation))	X	X	
168 (Global Real Driving Emissions)	X	X	
