



**Note No.: GENEV-7197**

**Reference:** Status Report on Implementation of Emission-Related UN Global Technical Regulations in Canada.

The Permanent Mission of Canada to the United Nations and the World Trade Organization at Geneva presents its compliments to the United Nations Economic Commission for Europe. In accordance with Article 7.4 of the Agreement Concerning the Establishing of Global Technical Regulations for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or Used on Wheeled Vehicles (i.e., the 1998 Global Agreement), Canada would like to notify the Secretary-General of the status of emissions-related global technical regulations (GTR) and amendments voted in favour by the Department of Environment, Government of Canada.

The attached report includes notifications relating to GTRs No. 2, 4, 5, 10, 11, 17, 18 and 21 and their amendments.

The Permanent Mission of Canada to the United Nations and the World Trade Organization at Geneva avails itself of this opportunity to renew to the United Nations Economic Commission for Europe the assurances of its highest consideration.

Geneva, 7 mai 2021



**Status Report on Implementation of Emission-Related UN Global Technical Regulations in Canada  
Submitted in Accordance with Article 7 – paragraph 7.4 of the 1998 Global Agreement**

As of April 15, 2021

UN GTR No.	UN GTR Title	Implementation of the UN GTR provisions in the national legislation	Date of mandatory application of UN GTR provisions	Remark
<p align="center"><b>2</b></p> <p>Amend. 1 to UN GTR No. 2</p> <p>Amend. 2 to UN GTR No. 2</p> <p>Amend. 3 to UN GTR No. 2</p>	<p>Measurement procedure for two-wheeled motorcycles equipped with a positive or compression ignition engine with regard to the emission of gaseous pollutants, CO<sub>2</sub> emissions and fuel consumption (WMTC)</p>	<p>Canada’s air pollutant exhaust emission standards for on-road motorcycles are set out in the <i>On-Road Vehicle and Engine Emission Regulations</i> under the <i>Canadian Environmental Protection Act, 1999</i>. The applicable standards and test procedures are currently aligned with those of the U.S. Environmental Protection Agency.</p> <p>Canada has begun testing to establish an appropriate correlation between its current emission standards based on the U.S test procedures and equivalent limits based on the procedures set out in the GTR No. 2. Once testing work and efforts to establish a correlation is completed, Canada will consider proposing amendments to its regulations to implement the provisions of GTR No. 2.</p>	<p align="center">Not established</p>	<p>Canada will continue to update the Secretary General on an annual basis as to the status of this GTR and amendments.</p>
<p align="center"><b>4</b></p> <p>Amend. 1 to UN GTR No. 4</p> <p>Amend. 2 to UN GTR No. 4</p>	<p>Test procedure for compression-ignition (C.I.) engines and positive-ignition (P.I.) engines fuelled with natural gas (NG) or liquefied petroleum gas (LPG) with regard to the emission of pollutants (WHDC)</p>	<p>Canada’s emission standards for on-road heavy-duty vehicles equipped with compression ignition engines and positive-ignition (PI) are set out in the <i>Off-Road Compression-Ignition Engine Emission Regulations</i>, the <i>On-Road Vehicle and Engine Emission Regulations</i> and the <i>Heavy-duty Vehicle and Engine Greenhouse Gas Emission Regulations</i> under the <i>Canadian Environmental Protection Act, 1999</i>. The applicable standards and test procedures are currently aligned with those of the U.S. Environmental Protection Agency.</p>	<p align="center">Not established</p>	<p>Canada will continue to update the Secretary General on an annual basis as to the status of this GTR and amendments.</p>

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Amend. 3 to UN GTR No. 4		Canada plans to complete a review of the test data to establish an appropriate correlation between its current emission standards based on the U.S test procedures and equivalent limits based on the procedures set out in the GTR No. 4. Once a review is completed, Canada plans to propose amendments to its regulations to implement the provisions of GTR No. 4.		
5 Amend. 1 to UN GTR No. 5	Technical requirements for on-board diagnostic systems (OBD) for road vehicle (WWH-OBD)	<p>Canada's standards for on-board diagnostic systems on on-road heavy-duty vehicles are set out in the <i>On-Road Vehicle and Engine Emission Regulations</i> under the <i>Canadian Environmental Protection Act, 1999</i>. The applicable standards and test procedures are currently aligned with those of the U.S. Environmental Protection Agency.</p> <p>Canada plans to complete a review of the on-board diagnostic systems requirements to establish an appropriate correlation between its current standards based on the U.S test procedures and equivalent limits based on the procedures set out in the GTR No. 5. Once this is completed, Canada plans to propose amendments to its regulations to implement the provisions of GTR No. 5.</p>	Not established	Canada will continue to update the Secretary General on an annual basis as to the status of this GTR and amendments.
10	Off-cycle emissions (OCE)	Canada's emission standards addressing off-cycle emissions for on-road heavy-duty vehicles are set out in the <i>On-Road Vehicle and Engine Emission Regulations</i> under the <i>Canadian Environmental Protection Act, 1999</i> . The applicable standards and test procedures are currently aligned with those of the U.S. Environmental Protection Agency.	Not established	Canada will continue to update the Secretary General on an annual basis as to the status of this GTR.

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		<p>Canada plans to complete a review of the test data to establish an appropriate correlation between its current emission test procedures and equivalent limits based on the procedures set out in the GTR No. 10. Once this is completed, Canada plans to propose amendments to its regulations to implement the provisions of GTR No. 10.</p>		
11	<p>Test procedure for compression-ignition engines to be installed in agricultural and forestry tractors and in non-road mobile machinery with regard to the emissions of pollutants by the engine (NRMM)</p>	<p>Canada's air pollutant emissions standards that cover Forestry Tractors and Non-Road Mobile Machinery are set out in the <i>Off-Road Compression-Ignition Engine Emission Regulations</i> under the <i>Canadian Environmental Protection Act, 1999</i>. The applicable standards and test procedures are currently aligned with those of the U.S. Environmental Protection Agency.</p> <p>Canada plans to complete a review of the test data to establish an appropriate correlation between its current emission test procedures and equivalent limits based on the procedures set out in the GTR No.11. Once this is completed, Canada plans to propose amendments to its regulations to implement the provisions of GTR No. 11.</p>	Not established	<p>Canada will continue to update the Secretary General on an annual basis as to the status of this GTR.</p>
17	<p>Measurement procedure for two- or three-wheeled motor vehicles equipped with a combustion engine with regard to the crankcase and evaporative emissions.</p>	<p>Canada's air pollutant evaporative emission standards for on-road motorcycles are set out in the <i>On-Road Vehicle and Engine Emission Regulations</i> under the <i>Canadian Environmental Protection Act, 1999</i>. The applicable standards and test procedures are currently aligned with those of the U.S. Environmental Protection Agency.</p> <p>Canada plans to complete a review of the test data to establish an appropriate correlation between its current</p>	Not established	<p>Canada will continue to update the Secretary General on an annual basis as to the status of this GTR.</p>

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		emission standards based on the U.S test procedures and equivalent limits based on the procedures set out in the GTR No. 17. Once correlation work is completed, Canada plans to propose amendments to its regulations to implement the provisions of GTR No. 17.		
18	Measurement procedure for two- or three-wheeled motor vehicles with regard to on-board diagnostics	<p>Canada regulations do not include requirements for on-board diagnostic systems for on-road motorcycles.</p> <p>Canada plans to assess the approach for moving forward with this GTR. Once this is completed, Canada plans to propose amendments to its regulations to implement the provisions of GTR No. 18.</p>	Not established	Canada will continue to update the Secretary General on an annual basis as to the status of this GTR.
21	Determination of system power of hybrid electric vehicles and of pure electric vehicles having more than one electric machine for propulsion	<p>Canada's standards for on-road vehicles are set out in the <i>On-Road Vehicle and Engine Emission Regulations</i> under the <i>Canadian Environmental Protection Act, 1999</i>. The applicable standards and test procedures are currently aligned with those of the U.S. Environmental Protection Agency.</p> <p>Canada plans to assess the approach to adoption of GTR No. 21 moving forward and plans to propose amendments to its regulations to implement the provisions of GTR No. 21.</p>	Not Established	Canada will continue to update the Secretary General on an annual basis as to the status of this GTR.