



Environment  
Canada

Environnement  
Canada



Environmental Regulations for the

# Energy

and

# Transportation

sectors



Canada 

## MAJOR PRIORITIES FOR 2014

- Contribute to the Government of Canada's sector by sector approach to reduce greenhouse gases (GHGs) by developing and administering regulations and standards.
- Improve air quality through the implementation of the national Air Quality Management System by developing various instruments for electricity and oil & gas, and by developing more stringent standards for vehicles, engines and fuels.
- Support Environment Canada's World Class Regulator initiative by implementing a regulatory administration program which ensures compliance and secures emissions reductions.
- Develop risk management measures for toxic substances under the Chemicals Management Plan.
- Provide sector expert support on environmental assessments.



Proud administrators  
of Canada's *National  
Emissions Mark*  
for vehicles and engines





## REGULATIONS

### ***Fuels Information Regulations, No. 1 (Vol. 111, No. 15)***

Requires annual reporting on sulphur levels in fuels.

### ***Contaminated Fuel (August 1991)***

Prohibits the import and export of contaminated fuel.

### ***Gasoline and Gasoline Blend Dispensing Flow Rate (February 2000)***

Limits the nozzle flow rate of fuel thereby reducing the release of benzene and volatile organic compounds into the air at the pump.

### ***On-Road Vehicle and Engine Emissions (January 2003)***

Establishes air pollutant emission standards for light- and heavy-duty vehicles and engines (e.g. cars, motorcycles and tractor-trailers).

### ***Off-Road Small Spark-Ignition Engine Emissions (November 2003)***

Establishes air pollutant emission standards for small off-road gasoline engines such as those found in lawn mowers and snowblowers.

### ***Sulphur in Gasoline (April 2009)***

Limits the amount of sulphur in gasoline.

### ***Gasoline (July 2010)***

Limits the concentration of lead in gasoline.

### ***Passenger Automobile and Light Truck GHG Emissions (October 2010)***

Establishes GHG emission standards for cars and light trucks for model years 2011-2016.

### ***Marine Spark-Ignition Engine, Vessel and Off-Road Recreational Vehicle Emissions (February 2011)***

Establishes air pollutant emission standards for vehicles and engines (e.g. personal watercraft, snowmobiles and all-terrain vehicles).

### ***Benzene in Gasoline (March 2011)***

Limits the amount of benzene in gasoline.

### ***Off-Road Compression-Ignition Engine Emissions (December 2011)***

Establishes air pollutant emission standards for off-road (mostly diesel) engines such as those found in tractors, cranes and combines.

### ***Sulphur in Diesel Fuel (July 2012)***

Limits the amount of sulphur in on-road diesel fuel.

### ***Reduction of Carbon Dioxide Emissions from Coal-Fired Generation of Electricity (September 2012)***

Sets performance standards for carbon dioxide emissions from coal-fired electricity generation units.



***New Regulations for Passenger Automobile and Light Truck GHG Emissions (Proposed Canada Gazette 1, December 2012)***

Establishes GHG emission standards for cars and light trucks of model years 2017 and beyond.

***On-Road Vehicle and Engine Emissions (On-Board Diagnostic System for Heavy-Duty Vehicles) (February 2013)***

Requires that heavy-duty engines (e.g. used in tractor trailers, buses) of specific model years be equipped with an on-board diagnostic system.

***Heavy-Duty Vehicle and Engine GHG Emissions (March 2013)***

Establishes GHG emission standards for on-road heavy-duty vehicles and engines (e.g. buses, tractors and refuse trucks).

***Renewable Fuels (November 2013)***

Aims to reduce GHG emissions by requiring an average 5% renewable fuel content in gasoline and 2% renewable content in diesel fuel.

This information is provided as a convenience. Please refer to Department of Justice web site for the latest regulatory information.



## Regulatory Administration

Collecting end-of-model year reports and issuing notices of defects is an integral part of implementing regulations.

We test vehicles and engines to verify that regulatees are complying with regulations...an important part of ensuring that our regulations reduce emissions!

For information regarding reproduction rights, please contact Environment Canada's Inquiry Centre at 1-800-668-6767 (in Canada only) or 819-997-2800 or email to [enviroinfo@ec.gc.ca](mailto:enviroinfo@ec.gc.ca).

Photos: © Thinkstockphotos.ca, © Environment Canada 2014

© Her Majesty the Queen in Right of Canada, represented by the Minister of the Environment, 2014

Catalogue No: En14-191/2014E-PDF  
ISBN: 978-1-100-23632-2

Aussi disponible en français