The proposed Regulations would work to reduce air pollutant emissions from off-road mobile compression-ignition engines, off-road stationary compression-ignition engines, and off-road large spark-ignition engines. Mobile compression-ignition engines are typically found in machines used in agricultural, construction, forestry, and mining applications. Stationary compression-ignition engines are typically used to generate back-up or emergency power or as a primary source of power in remote locations. Large spark-ignition engines produce more than 19 kW (25 hp) of power and are typically installed in off-road machines such as forklifts and ice resurfacers (e.g. Zambonis). More specifically, the existing Off-Road Compression-Ignition Engine Emission Regulations (current Regulations) would be repealed and be replaced by the proposed Regulations. The proposed Regulations would establish emission standards for large spark-ignition engines and stationary compression-ignition engines, and the emission standards for mobile compression-ignition engines as they exist in the current Regulations would be maintained.

The proposed Regulations would be expected to come into force in 2020 and the newly introduced standards would apply to engines of the 2021 and later model years. Persons importing, manufacturing or distributing these
types of engines for sale or for their own use would be subject to the Regulations. Regulated parties would be required to submit import declarations and evidence of conformity under the proposed Regulations. Each engine would be required to have the appropriate label affixed. Regulated parties that manufacture engines in Canada would be required to be authorized to affix the National Emissions Mark. Should a defect in the engine with respect to its emissions become evident, regulated parties would be required to report the defect. The proposed Regulations would not apply to engines that are in transit through Canada, from a place outside Canada to another place outside Canada.

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