



Environmental Health & Safety Audit Protocol Alberta, Canada 2021

release notes

STP ComplianceEHS (STP) announces the release of its recently updated EHS audit protocol for Alberta, Canada. This audit protocol, which covers relevant national and provincial EHS requirements, was previously updated in March 2020. The regulatory date for the current release is March 2021. The table below shows the extent of regulatory changes that have occurred since the previous update.

Number of Legislative Instruments and their Status
(since March 2020)

Protocol Section	No Change	New	Amended	Repealed
General Environmental	8	3	3	1
Air Emissions	10	11	7	4
Solid and Hazardous Waste	14	0	3	0
Water Resources	14	3	5	1
Above and Below Ground Tank Management	3	0	1	0
Community Noise	0	0	0	0
PCBs	4	0	2	0
Asbestos	4	0	2	0
General Health and Safety	2	0	3	0
Equipment, Machine and Electrical Safety	4	0	2	0
Material Handling and General In-Plant Safety	2	0	1	0
Fire Safety	3	0	1	0
Transport of Dangerous Goods	5	1	4	0
Industrial Hygiene	4	4	1	0
Chemical Management	28	2	6	0
Construction Work Site Safety	0	0	1	0

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highlights of selected new legislation

- **Designated Classes of Projects Order [SOR/2019-323] establishes** a designated class of projects that are expected to cause only insignificant adverse environmental effects and are, therefore, excluded from impact assessment review requirements.

- **Information and Management of Time Limits Regulations [SOR/2019-283] describe** the circumstances in which the time limits in the Impact Assessment Act may be suspended, as well as information requirements for the initial and detailed description of projects.

- **Benzene in Gasoline Regulations [SOR/97-493] limit** the benzene content in gasoline and gasoline-like blendstock produced, imported, and sold in Canada. They also specify methodologies for determining benzene concentration and record keeping and reporting requirements.

- **Gasoline and Gasoline Blend Dispensing Flow Rate Regulations [SOR/2000-43] provide** maximum dispensing flow rates for nozzles used to dispense gasoline and gasoline-like blendstock containing benzene. The regulations do not apply to nozzles solely dispensing gasoline or a gasoline-like blendstock into heavy-duty vehicles.

- **Regulations Limiting Carbon Dioxide Emissions from Natural Gas-fired Generation of Electricity [SOR/2018-261] establish** a regime for limiting CO² emissions that result from the generation of electricity by means of thermal energy from the combustion of natural gas.

- **Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations [SOR/2009-264] limit** the concentrations of VOCs in architectural coatings. They also specify record keeping and labeling requirements.

- **Volatile Organic Compound (VOC) Concentration Limits for Automotive Refinishing Products Regulations [SOR/2009-197] limit** the concentrations of VOCs in automotive refinishing products. They also specify record keeping and labeling requirements.

- **Notice with Respect to Substances in the National Pollutant Release Inventory (NPRI) for 2020 and 2021 [Canada Gazette, Part I, Vol. 154, No. 7, February 15, 2020] requires** certain types of facilities where there are releases, disposal and/or transfer for recycling of the substances listed in Schedule I of the Notice above a listed threshold, to report release information by June 1 of the following calendar year. Certain kinds of facilities are exempted. Typically, a notice applies for two reporting years.

- **Notice with Respect to the Reporting of Greenhouse Gases (GHGs) for 2020 [Canada Gazette Part I, Vol. 155, No. 7, February 13, 2021]** informs facilities of the government's intention to collect data on greenhouse gas emissions for the purpose of conducting research, creating a national inventory, formulating objectives and codes of practice, issuing guidelines or assessing or reporting on the state of the environment. Similar Notices for the reporting on greenhouse gas emissions have been published annually since 2004. Reporting requirements under this Notice are essentially the same as was required for the 2019 reporting year. This Notice also applies to reporting required by the *Output-Based Pricing System Regulations [SOR/2019-266]* which took effect in January 2019.
- **Reduction of Carbon Dioxide Emissions from Coal-fired Generation of Electricity Regulations [SOR/2012-167]** establish a regime to reduce carbon dioxide emissions that result from using coal as a fuel to produce electricity.
- **The Code of Practice for Small Incinerators [September 2005]** was added to incorporate requirements regarding the registration, sampling, design, construction, and installation of small incinerators.
- **Fish Toxicant Regulations [SOR/88-258]** establish an exemption that allows the deposit of fish toxicants in the waters of the provinces of Saskatchewan and Alberta and the non-tidal waters of the provinces of Ontario, Quebec and Manitoba if the deposit will not adversely affect fish in the waters adjacent to the waters where the deposit is made and if the deposit is used to eradicate any fish considered a pest in order to enhance fishing in those waters.
- **Wastewater Systems Effluent Regulations [SOR/2012-139]** was added to incorporate national effluent quality standards for specified deleterious substances in effluent deposited from wastewater systems.
- **Transportation of Dangerous Goods by Rail Security Regulations [SOR/2019-113]** provides security requirements associated with the use of rail for transport of dangerous goods.
- **Radiation Emitting Devices Act [R.S.C. 1985, c. R-1]** adopts provisions on the sale, leasing and import of radiation emitting devices in Canada. It includes prohibitions on covered devices and notification requirements for non-compliant products or products that may present a risk to health or a potential for injury.
- **Nuclear Safety and Control Act [S.C. 1997, c. 9]** regulates the development, production, and use of nuclear energy and the production, possession, and use of nuclear substances.
- **Radiation Protection Regulations [SOR/2000-203]** establish the requirements for licensees and nuclear energy works defined by the *Nuclear Safety and Control Act*, including provisions on radiation dose limits and the establishment of radiation protection plans.

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- **Notice Requiring the Preparation and Implementation of Pollution Prevention Plans in Respect of Toluene Diisocyanates, February 16, 2019** requires the preparation and implementation of pollution prevention plans for Toluene Diisocyanates. It applies to owners of facilities who, in 2018 or any time thereafter, release into the ambient air 100 kg or more of toluene diisocyanates (TDSs) per calendar year.
- **Notice Requiring the Preparation and Implementation of Pollution Prevention Plans in Respect of Reaction Products of 2-Propanone with Diphenylamine (PREPOD), CAS Rn 68412-48-6, in Industrial Effluents, June 15, 2019** requires the preparation and implementation of pollution prevention plans PREPOD in industrial effluents. It applies to owners or operators of facilities within the chemical manufacturing or rubber products manufacturing sectors, that in 2019 or any year thereafter, have an industrial effluent and that manufacture or use PREPOD, or a mixture or compound containing PREPOD, in a quantity greater than 100 kg per calendar year.



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