



Environmental Health & Safety Audit Protocol Canada, Federal Oil & Petroleum Refining 2021

release notes

STP ComplianceEHS (STP) announces the release of its newly developed environmental, health and safety (EHS) audit protocol for Canada. This audit protocol covers relevant federal EHS requirements. The regulatory date for the current release is October 2021.

highlights of the regulatory framework

In Canada, regulation of the petroleum industry is shared between the federal and provincial governments. This protocol focuses on those regulatory requirements applicable to the “downstream” petroleum sector (refining and petrochemical activities). Requirements applicable to “upstream” activities (exploration, drilling, and production) are not within the scope of this protocol. Note that the general EHS requirements in the standard federal protocol also apply to petroleum activities, unless specified otherwise.

The primary petroleum-specific legislation includes:

- *Fuels Information Regulations [No. 1, C.R.C., c. 407] as amended through 2017* require that producers and importers of fuels submit quarterly reports of the sulphur content. In addition, any producer or importer of a fuel that contains an additive must submit a one-time report regarding the type and concentration of additives used.
- *Gasoline Regulations [SOR/90-247]* limit the lead content of gasoline and phosphorus in unleaded gasoline that is produced, imported, and sold in Canada. They also specify methodologies for determining lead and phosphorus concentrations and provide record keeping and reporting requirements.
- *Benzene in Gasoline Regulations [SOR/97-493]* limit the benzene concentration in gasoline that is supplied and sold in Canada.
- *Sulphur in Gasoline Regulations [SOR/99-23]* limit the sulphur content in gasoline and gasoline-like blendstock produced, imported, and sold in Canada. They also specify methodologies for determining sulphur concentration and record keeping and reporting requirements.