



CONOCOPHILLIPS ALASKA

Health Safety and Environmental
Engines Procedure

Field: North Slope

Last Reviewed:
8/16/2024

Retention Code	Owner/Author	SOP No	Review Frequency
AD01	Operations Environmental Coordinator	AI-007	3 years

Engine Use Guidance Procedure

Purpose

Provide guidance on use of engines.

Scope

The scope of this procedure includes:

- New engines entering the field.
- Engines proposed for use at a location where a standby generator is already permanently located.
- Portable engines which may remain at a single location for longer than twelve months.
- Engines to be used on a regular, reoccurring basis at a single location (i.e. every winter).
- Engines that will replace or be connected to the same switchgear as an engine already on site.
- Changes to an engine urea system or emission control(s).
- Permanent engines which exceed 50 hours of non-emergency use in a year.
- Heaters, compressors, light plants, snow melters, boilers, or other portable or semi-portable units that has an engine that powers another device.



NOTE: This procedure is intended to address the most common scenarios where there is potential to cross limits or compliance thresholds.

Authorized user

The users of this procedure are:

- All personnel that procure, manage, operate, or maintain engines.

Information Needed

The information needed to complete this procedure includes:

- Engine manufacture date and technical specifications.
- Certificate of Compliance if engine is certified to an emission standard (e.g. Tier).
- Engine name plate photos.

Request Guidance
for Proposed Engine

Consult FEC if an engine is proposed to be used in a new or non-routine manner. To request FEC guidance for a proposed engine, operator must:

Step	Action
1.	Contact FEC and explain intended use, purpose, and timeframe.
2.	Provide the FEC engine specifications, engine name plate photos, and certificate of compliance if engine is certified to an emission standard. If a fleet engine is being used, the fleet tag number can be provided instead.
3.	<p>Await FEC guidance on ability to use, limitations, and applicable maintenance and recordkeeping requirements.</p> <div style="border: 2px solid orange; padding: 10px; margin: 10px 0;"> <p style="text-align: center;">CAUTIONS: Non-compliance and penalties could occur if:</p> <ul style="list-style-type: none"> • Using an engine in place of an existing engine. • Using an engine at a location for less than 12 months, removing it, then replacing it with the same or another engine to serve the same purpose. • Using an emergency engine as a non-road or stationary engine. • Using an engine that is not EPA certified for the use case • Modifying emission controls or deviating from manufacturer-recommended operation and certificate of compliance requirements. </div>
4.	Operate engine in accordance with FEC guidance.

Request guidance for a proposed engine is now complete.