



PS Memo 11-03

To: Stationary Sources Program, Local Agencies, and Regulated Community
 From: Colorado Air Pollution Control Division
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 Subject: Permitting Guidance for Oil & Gas Industry - Natural Gas Fired Reciprocating Internal Combustion Engine (RICE) General Permit GP02

This document provides guidance on the use of the oil and gas industry RICE general permit.

Revision History	
August 1, 2011	Initial issuance from Chris Laplante and Jim King
September 8, 2016	Updated to include policy guidance for correcting errors on issued approval letters.

Topic	Page
I. APPLICABILITY.....	2
II. AIR POLLUTANT EMISSIONS NOTICES (APENS)	2
III. GENERAL PERMIT REGISTRATION PROCESS	3

Policy Disclaimer

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I. Applicability

A. General Requirements

1. The emission unit must be a natural gas fired reciprocating internal combustion engine (RICE) located at an Oil and Gas Industry stationary source.
2. The engine must be located at a stationary source whose total facility wide potential to emit (PTE), including the engine(s) covered by the general permit, does not exceed:
 - a. 90 tons per year of any individual criteria pollutant; and
 - b. 8 tons per year of any individual hazardous air pollutant; and
 - c. 20 tons per year of total combined hazardous air pollutants; and
 - d. 90,000 tons per year of greenhouse gases (calculated as CO₂e)
3. The engine(s) must have a total PTE of less than 40 tons per year of NO_x for the “project”¹. The enforceable PTE under the general permit for an individual engine shall be the “requested permitted emissions” rate reported on the APEN.

B. Emissions Standards

1. In order to qualify for the general permit the engine registered must comply with “not to exceed” gram/horsepower-hour (g/hp-hr) emissions standards established in the permit. These standards are outlined in general permit Section II.B.3.
2. There may be circumstances where more than one regulatory emissions standard is applicable to the engine. For example, the engine may be subject to the general permit emissions standards contained in Table 1 in Section II.B.3.a, in addition to, standards contained in the Federal New Source Performance Standards (NSPS) Subpart JJJJ. Under these circumstances, the operator must comply with the most stringent emissions standard for each pollutant.

C. Overarching Considerations

1. Note this general permit is NOT a facility wide permit for criteria pollutants. It only applies to the natural gas-fired RICE covered by the general permit. The 90 tons per year criteria pollutant and 90,000 tons per year CO₂e values contained in the permit do not represent facility wide limits; rather they indicate one of the criteria for the types of stationary sources that are eligible to use this RICE general permit.

II. Air Pollutant Emissions Notices (APENs)

A. Grouping Considerations

1. Only one engine may be reported per APEN submitted for registration under the general permit. Grouping multiple engines on a single APEN will not be allowed.

B. Requested Permitted Emissions

1. The emission rates provided on the APEN under the fields for “Requested Permitted Emissions” will become the enforceable emissions limits for the registered engine upon approval by the division.

¹ Two or more emissions increases should be considered to be part of the same project if they are substantially related and considered part of the same project in the corporate planning of the source owner.



III. General Permit Registration Process

A. What should I submit with my application?

1. A complete APEN Form APCD-201; and
2. A complete Form APCD-102 "Facility Wide Inventory Form"
3. All required fees
 - a. \$152.90 filing fee for each APEN; and
 - b. \$1,500 registration fee for each engine being registered under the general permit

B. What emissions information should be provided on Form APCD-102?

1. In addition to all currently operating "existing" emission sources, please include the inventories for all unconstructed permitted emissions sources and those emissions sources proposed and waiting for approval by the division.

C. What if I desire to convert a previously submitted individual construction permit application for an engine to a general permit registration request?

1. In order to do this you have to submit a new application for a general permit including the forms and fees listed under Section III.A of this document.
2. Include a cover letter with your new general permit application explaining your request and providing identifying information for the original individual construction permit application, such as: date the application was submitted, facility name, the AIRS ID (if known) and any other pertinent identifying information.
3. You will be billed for any chargeable time already spent processing the original individual construction permit application and the original APEN filing fee will not be credited to the new general permit application.

D. What if I find engine information contained on a GP02 approval letter issued by the division does not match my actual registered engine's information in the field (for example: serial number does not match)?

1. If the approval letter contains engine information that does not match information supplied by the company on the APEN submitted to register the engine, the operator should request an administrative correction by contacting the division engineer who signed the approval letter. No additional fees will be required to be submitted by the company if the incorrect information on the approval letter is a result of division error.
2. If the APEN submitted to register the engine contained inaccurate information, the operator will need to file a new GP02 application following III.A. above to obtain a revised approval letter from the division. It is critical that operators accurately identify engine information in the GP02 application, including the exact engine serial number. The GP02 streamlined permitting process sets an expectation that companies verify the exact engine being registered before submitting the permit application. Both the APEN fee and GP02 registration fee will be required to be paid again, per III.A. above, when the revised GP02 application is submitted. On Section 02 of the APEN, check the boxes to request coverage under GP02 and to request a modification; do not check the box to request an APEN update.