

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PERMITTING
GENERAL PERMIT REGISTRATION FORM
GP-019 PORTABLE EQUIPMENT**

SECTION A: FACILITY PROFILE

Facility ID Number _____ Facility Name _____

Street Address
Address Line 1 _____
Address Line 2 _____
Address Line 3 _____
City _____ State ____ Zip _____

Mailing Address *Check if same as street address above*
Address Line 1 _____
Address Line 2 _____
Address Line 3 _____
City _____ State ____ Zip _____

County
County Where Facility Is Located _____

Street Address Where Portable Equipment Is Primarily Stored
 Check if same as street address above
Address _____

City _____ County _____ State _____ Zip _____

**Mailing Instructions
And Information:**

Mail Registration Form & Fee to:
NJDEP - Air Quality Permitting Program
401 E. State Street, PO Box 027
Trenton, New Jersey 08625-0027

Application Fee: \$410
Make checks payable to "Treasurer, State of NJ"

For Assistance, please call:
(609) 633-2829

Industry Information
NAICS Code _____

Facility Contact
Contact person *(check ALL that apply)* Owner Operator Rental Business

Name _____ Organization _____
Title _____ Organization Type _____
Phone _____ NJ EIN _____
Fax _____ Mailing Address _____
Other _____ Address Line 2 _____
Type _____ Address Line 3 _____
E-mail _____ City _____ State _____ Zip _____

SECTION B: REASON FOR APPLYING *(Check ALL That Apply)*

- New Equipment
- Existing Non-Permitted Equipment
- Change in Permitting Option (*)
- Modification to Permitted Equipment (*)
- Other *(explain)* (*) _____

(*) Enter the PCP or GEN permit number(s) below:
PCP No. _____ GEN No. _____

SECTION C: EQUIPMENT INVENTORY (See Section F for portable equipment eligible for this GP-019)

Emission Unit NJID #	Facility Designation of Emission Unit	
U-		
Emission Point NJID #	PT-	Facility Designation of Emission Point:

C.1 PORTABLE ENGINE

Equipment NJID #	E-	Facility Designation of Equipment:																				
	Engine Model Year																					
	Engine Maximum Rated Horsepower (HP)																					
	Engine Make																					
	Engine Model																					
	Engine Serial Number																					
	Air Pollution Control Equipment	<input type="checkbox"/> None <input type="checkbox"/> OEM <input type="checkbox"/> Add-on emissions controls (Explain):																				
	Engine Certification	<input type="checkbox"/> Not Certified <input type="checkbox"/> Factory Certified (Family Name read directly off the engine, if available): <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> <input type="checkbox"/> Re-Constructed Certified <input type="checkbox"/> User Certified (Explain):																				
	Fuel Type	<input type="checkbox"/> Diesel <input type="checkbox"/> Non-Diesel																				
Current Non-Resettable Hour Meter Reading																						

C.2 ENGINE-ASSOCIATED PROCESS EQUIPMENT

Equipment NJID #	E-	Facility Designation of Equipment:
	Equipment Make	
	Equipment Model	
	Equipment Serial Number	
	Equipment Type	<input type="checkbox"/> Crusher <input type="checkbox"/> Grinder <input type="checkbox"/> Screener <input type="checkbox"/> Tire Shredder <input type="checkbox"/> Other (Explain):
Equipment NJID #	E-	Facility Designation of Equipment:
	Equipment Make	
	Equipment Model	
	Equipment Serial Number	
	Equipment Type	<input type="checkbox"/> Crusher <input type="checkbox"/> Grinder <input type="checkbox"/> Screener <input type="checkbox"/> Tire Shredder <input type="checkbox"/> Other (Explain):

ATTACH ADDITIONAL SHEETS IF NECESSARY

C.3 ANCILLARY EQUIPMENT

Equipment NJID #		Equipment Type
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):
E-	Facility Designation of Equipment:	<input type="checkbox"/> Conveyor <input type="checkbox"/> Elevator <input type="checkbox"/> Feeder <input type="checkbox"/> Hopper <input type="checkbox"/> Screener
	Equipment Make:	<input type="checkbox"/> Other (Explain):

ATTACH ADDITIONAL SHEETS IF NECESSARY

SECTION D: PERMITTING OPTIONS

This Registration Form is for ONE (1) single piece of portable equipment or one group of portable equipment operating as a dedicated group, where all equipment are powered by the **SAME** portable engine. Indicate how this portable equipment is being registered by selecting ONE (1) General Permit Number from one of the 4- options listed below. Only ONE box may be checked in only ONE of the following tables and entered in the General Permit as PE-_____.

Compliance shall be demonstrated as follows: **Options A, B, C or D** all require the use of a non-resettable totalizing hour meter on the portable engine.

OPTION A															
Any Model Year Diesel engine which IS <u>NOT CERTIFIED</u>¹ to meet applicable USEPA emission tier standards															
Air Contaminant Category (Tons/year)															
TSP		SOx			NOx			CO			THC				
0.36		0.35			4.95			1.15			0.41				
Maximum Hours of Operation															
Per calendar year for portable equipment as determined by the engine maximum horsepower (HP)															
Engine Maximum HP	<i>Less Than or Equal to 150</i>	<i>Greater Than</i>	150 HP	200 HP	300 HP	400 HP	500 HP	600 HP	700 HP	800 HP	900 HP	1000 HP	1100 HP	1200 HP	1300 HP
		<i>Less Than or Equal</i>	200 HP	300 HP	400 HP	500 HP	600 HP	700 HP	800 HP	900 HP	1000 HP	1100 HP	1200 HP	1300 HP	1400 HP
Maximum Total Hours per Calendar Year	2160		1620	1080	810	650	540	465	405	360	325	295	270	250	233
General Permit Number	PE-A1 <input type="checkbox"/>		PE-A2 <input type="checkbox"/>	PE-A3 <input type="checkbox"/>	PE-A4 <input type="checkbox"/>	PE-A5 <input type="checkbox"/>	PE-A6 <input type="checkbox"/>	PE-A7 <input type="checkbox"/>	PE-A8 <input type="checkbox"/>	PE-A9 <input type="checkbox"/>	PE-A10 <input type="checkbox"/>	PE-A11 <input type="checkbox"/>	PE-A12 <input type="checkbox"/>	PE-A13 <input type="checkbox"/>	PE-A14 <input type="checkbox"/>

¹ Engine certification shall be performed in accordance with Subparts B, D and E of 40 CFR Part 89, Subpart C of 40 CFR Part 94, or Subpart C of 40 CFR Part 1039 *whichever is applicable.*

OPTION B															
Any Model Year Diesel engine, including reconstructed engine, which <u>IS CERTIFIED</u>¹ to meet applicable USEPA emission tier standards OR Any Model Year engine, whether it is certified or not, burning Gasoline, NG, Propane, Bio-diesel (B5), LPG, Hydrogen, Ethanol, Methanol or LNG/CNG															
Air Contaminant Category (Tons/year)															
TSP		SOx			NOx			CO			THC				
0.24		0.11			4.10			4.95			0.60				
Maximum Hours of Operation Per calendar year for portable equipment as determined by the engine maximum horsepower (HP)															
Engine Maximum HP	<i>Less Than or Equal to 150</i>	<i>Greater Than</i>	150 HP	200 HP	300 HP	400 HP	500 HP	600 HP	700 HP	800 HP	900 HP	1000 HP	1100 HP	1200 HP	1300 HP
		<i>Less Than or Equal</i>	200 HP	300 HP	400 HP	500 HP	600 HP	700 HP	800 HP	900 HP	1000 HP	1100 HP	1200 HP	1300 HP	1400 HP
Maximum Total Hours per Calendar Year	3600		2700	1800	1335	1070	890	763	670	593	534	485	445	410	381
General Permit Number	PE-B1 <input type="checkbox"/>		PE-B2 <input type="checkbox"/>	PE-B3 <input type="checkbox"/>	PE-B4 <input type="checkbox"/>	PE-B5 <input type="checkbox"/>	PE-B6 <input type="checkbox"/>	PE-B7 <input type="checkbox"/>	PE-B8 <input type="checkbox"/>	PE-B9 <input type="checkbox"/>	PE-B10 <input type="checkbox"/>	PE-B11 <input type="checkbox"/>	PE-B12 <input type="checkbox"/>	PE-B13 <input type="checkbox"/>	PE-B14 <input type="checkbox"/>

¹ Engine certification shall be performed in accordance with Subparts B, D and E of 40 CFR Part 89, Subpart C of 40 CFR Part 94, or Subpart C of 40 CFR Part 1039 *whichever is applicable.*

OPTION C															
2007 through 2010 Model Year <u>Diesel</u> engine which <u>IS FACTORY-CERTIFIED</u>¹ to meet applicable USEPA emission tier standards															
Air Contaminant Category (Tons/year)															
TSP		SOx			NOx			CO			THC				
0.36		0.35			4.95			1.15			0.41				
Maximum Hours of Operation															
Per calendar year for portable equipment as determined by the engine maximum horsepower (HP)															
Engine Maximum HP	<i>Less Than or Equal to 150</i>	<i>Greater Than</i>	150 HP	200 HP	300 HP	400 HP	500 HP	600 HP	700 HP	800 HP	900 HP	1000 HP	1100 HP	1200 HP	1300 HP
		<i>Less Than or Equal</i>	200 HP	300 HP	400 HP	500 HP	600 HP	700 HP	800 HP	900 HP	1000 HP	1100 HP	1200 HP	1300 HP	1400 HP
Maximum Total Hours per Calendar Year	8760		8725	5815	4362	3490	2910	2492	2181	1260	1134	1031	945	872	810
General Permit Number	PE-C1 <input type="checkbox"/>		PE-C2 <input type="checkbox"/>	PE-C3 <input type="checkbox"/>	PE-C4 <input type="checkbox"/>	PE-C5 <input type="checkbox"/>	PE-C6 <input type="checkbox"/>	PE-C7 <input type="checkbox"/>	PE-C8 <input type="checkbox"/>	PE-C9 <input type="checkbox"/>	PE-C10 <input type="checkbox"/>	PE-C11 <input type="checkbox"/>	PE-C12 <input type="checkbox"/>	PE-C13 <input type="checkbox"/>	PE-C14 <input type="checkbox"/>

¹ Engine certification shall be performed in accordance with Subparts B, D and E of 40 CFR Part 89, Subpart C of 40 CFR Part 94, or Subpart C of 40 CFR Part 1039 *whichever is applicable.*

OPTION D															
2011 and Later Model Year Diesel engine which IS FACTORY-CERTIFIED¹ to meet applicable USEPA emission tier standards															
Air Contaminant Category (Tons/year)															
			TSP	SOx	NOx	CO	THC								
<i>Engine less than 900 hp</i>			0.02	0.35	0.60	4.95	0.27								
<i>Engine greater than or equal to 900 hp</i>			0.15	0.35	4.95	4.95	0.60								
Maximum Hours of Operation															
Per calendar year for portable equipment as determined by the engine maximum horsepower (HP)															
Engine Maximum HP	<i>Less Than or Equal to 150</i>	<i>Greater Than</i>	150 HP	200 HP	300 HP	400 HP	500 HP	600 HP	700 HP	800 HP	900 HP	1000 HP	1100 HP	1200 HP	1300 HP
		<i>Less Than or Equal</i>	200 HP	300 HP	400 HP	500 HP	600 HP	700 HP	800 HP	900 HP	1000 HP	1100 HP	1200 HP	1300 HP	1400 HP
Maximum Total Hours per Calendar Year	8760		8725	5815	4362	3490	2910	2492	2181	1940	1745	1586	1454	1342	1246
General Permit Number	PE-D1 <input type="checkbox"/>		PE-D2 <input type="checkbox"/>	PE-D3 <input type="checkbox"/>	PE-D4 <input type="checkbox"/>	PE-D5 <input type="checkbox"/>	PE-D6 <input type="checkbox"/>	PE-D7 <input type="checkbox"/>	PE-D8 <input type="checkbox"/>	PE-D9 <input type="checkbox"/>	PE-D10 <input type="checkbox"/>	PE-D11 <input type="checkbox"/>	PE-D12 <input type="checkbox"/>	PE-D13 <input type="checkbox"/>	PE-D14 <input type="checkbox"/>

¹ Engine certification shall be performed in accordance with Subparts B, D and E of 40 CFR Part 89, Subpart C of 40 CFR Part 94, or Subpart C of 40 CFR Part 1039 whichever is applicable.

INSTRUCTIONS FOR COMPLETING THE REGISTRATION FORM GP-019 PORTABLE EQUIPMENT

SECTION A: FACILITY PROFILE

Facility (ID Number & Name) - Enter the New Jersey air pollution facility identification number (ID) followed by the facility name for which the General Permit is being registered. The ID is a five-digit number assigned by the New Jersey Department of Environmental Protection. Your facility name is the one registered with the New Jersey Secretary of State, under which your facility does business.

Street Address - Enter the address where the facility's headquarter, residence or corporate offices are located.

Mailing Address - Enter the facility's mailing address. If it is the same as the facility's street address, check the box provided.

Mailing Instructions & Information - Once the General Permit Registration Form has been completed, it should be mailed along with the appropriate fee to the New Jersey Department of Environmental Protection at the address listed on the front page of the Registration form.

Make check payable to Treasurer, State of New Jersey.

County - Enter the county in which the facility is located (not the mailing county address).

Street Address Where Portable Equipment Is Primarily Stored – Enter the street address i.e. residence site, storage or rental yard or corporate address, including county and state, where the portable equipment is stored for an unlimited time and does not operate. If it is the same as the facility's street address, check the box provided.

Industry Information - Enter the facility's four-digit primary and secondary (if any) Standard Industrial Classification Codes (SIC) or equivalent. Use the codes registered with the US Department of Labor. You may also refer to the Standard Industrial Classification Manual from the U.S. Office of Management and Budget or equivalent industrial classification code.

Facility Contact - Check the box indicating the facility contact person for this General Permit Registration. If the owner and operator are the same, check both boxes. If the owner is a rental business, check the corresponding box. Enter the name, title, phone and fax numbers, other phone numbers and type of number (*Example:* pager, toll free, cell phone), e-mail address, the organization that the contact person works for (federal, local, public, private, state or utility), the type of organization (federal, local, public, private, state or utility), the New Jersey Employer Identification Number (EIN) and the contact mailing address.

SECTION B: REASON FOR APPLYING

This section of the General Permit Registration Form provides the Department with the reason the General Permit Registration Form is being submitted.

New Equipment - Check this box if this application is being filed for newly purchased or acquired portable equipment.

Existing Non-Permitted Equipment – Check this box if this application is for existing portable equipment for which no current permit exists.

Change In Permitting Option – Check this box if this application is for changing from an existing option to a new option for portable equipment that has been previously permitted under this General Permit (GP-019) Program.

Modification to Permitted Equipment – Check this box if this application is for superseding existing equipment currently or previously permitted under a pre-construction permit or a general permit.

In the case this General Permit Registration Form is being submitted for a change in permitting option or a modification to existing permitted equipment, the Permittee shall fill-out the corresponding General Permit (GP) or PCP number(s) that are being changed or modified, respectively, in the spaces provided.

Other – Check this box if the General Permit Registration Form is being submitted for a reason other than those described above, and provide an explanation. *Example:* Applying for this General Permit as a result of an enforcement action.

If any of the boxes above, that correspond to equipment which has been currently or previously permitted, has been checked, the facility must enter the respective Pre Construction or General Permit number(s), as applicable, on the Registration Form. The facility is not allowed to have a pre-construction and a general permit with the Department for the same equipment.

SECTION C: EQUIPMENT INVENTORY

Emission Unit NJID # - A facility may do either one of the two following:

1- Enter a unique 6 digit identification number (*example:* U-000010) for the portable equipment covered by this General Permit. Once a number is used to identify the portable equipment, the same number cannot be used to identify any other piece of equipment owned/operated or rented by the facility. (*Note:* If the 6 digit identification number the facility enters is incorrect or conflicts with any number registered with the Department, then the Department will assign an appropriate number for the portable equipment);

2- Leave this line blank and the Department will assign an appropriate 6-digit identification number for the portable equipment covered by this General Permit. The Department will not assign the same two numbers for any other piece of equipment registered for the facility.

Facility Designation of Emission Unit – Enter the name by which the facility identifies the portable equipment covered in this General Permit (*example:* Rock Crushing #1) - Maximum 12-characters.

Equipment NJID # - see **Emission Unit NJID #**

Facility Designation of Equipment – Enter the name by which the facility identifies the portable equipment covered in this General Permit – Maximum of 12-characters.

Emission Point NJID # - see **Emission Unit NJID #**

Facility Designation of Emission Point - Enter the name by which the facility identifies the portable engine stack covered in this General Permit – Maximum 12-characters.

Engine Model Year (MY) – Enter the model year of the engine.

Engine Maximum Rated Horsepower (HP) – Enter the engine HP rating read from the engine nameplate. If the engine HP rating is not available from the engine nameplate, calculate the engine HP based on maximum heat input rate that corresponds to engine maximum hourly fuel consumption rate by applying fuel higher net heating value. Use 134 HP for each million British Thermal Unit (MMBTU) obtained per hour. *Example:* An engine using 10 gallons per hour diesel fuel at high heat value (corresponding to 129,500 Btu/gal) yields 174 HP as follows:
 $129,500 \text{ Btu/gal} * 10 \text{ gal diesel fuel/hour} * 1/10^6 \text{ MMBTU} * 134 \text{ HP} = 174 \text{ HP}$.

Engine Make and Model – Enter the make or manufacturer and model of the portable engine.

Engine Serial Number – Enter the serial number of the portable engine.

Air Pollution Control Equipment – Check the box that corresponds to the type of air pollution control equipment installed on the portable engine as part of the original equipment manufacturer (OEM). This may consist of, but not limited to, *fuel additives, engine exhaust controls or air-to-fuel ratio controls* installed by the engine manufacturer. Otherwise, provide a description of the type of add-on emissions controls installed by the user after the engine was manufactured, such as *diesel particulate filter (DPF), selective catalytic reduction (SCR) or non-selective catalytic reduction (NSCR)* by checking the corresponding box. Indicate if add-on emissions controls are installed as part of the engine reconstruction. Check the box “None” if there are no OEM or add-on emissions controls installed on the portable engine.

Engine Certification – Check the box that corresponds to the type of engine certification, or indicate if the engine is not certified. If the engine is factory-certified or tested check the box and enter the 12-character EPA family name directly read off the engine nameplate into the corresponding box on the registration form, if available. If the engine is certified as a result of reconstruction, check the corresponding box. If the engine is user-certified, indicate if it is based on performance test results or on control device efficiency specifications by checking the corresponding box. Engine certification must be performed in accordance with Subparts B, D and E of 40 CFR Part 89, Subpart C of 40 CFR Part 94, or Subpart C of 40 CFR Part 1039 *whichever is applicable*.

Current Non-Resettable Hour Meter Reading – Enter the current engine hour reading shown on the portable engine meter at the time of filing for this GP-019.

Equipment Make and Model – Enter the make or manufacturer and model of the engine-associated process equipment.

Equipment Serial Number – Enter the serial number of the engine-associated process equipment.

Equipment Type – Check the box corresponding to the type of engine-associated process equipment covered by this General Permit (GP-019). If the type of engine-associated process equipment is not listed on the registration form, check the box “other” and provide a description. *Example: well drilling equipment.*

Equipment NJID # - see **Emission Unit NJID #**

Equipment Type – Check the box corresponding to the type of each piece of ancillary equipment covered by this General Permit (GP-019). If the type of ancillary equipment is not listed on the registration form, check the box “other” and provide a description.

Facility Designation of Equipment – Enter the name by which the facility identifies each piece of ancillary equipment covered by this General Permit.

Equipment Make – Enter the make of each piece of ancillary equipment covered by this General Permit (GP-019).

Please refer to [Section F](#) of this registration form for help on determining the types and configurations of portable equipment, engine-associated process equipment and ancillary equipment covered in this GP-019.

SECTION D: PERMITTING OPTIONS

The Table in this section lists four (4) options. A facility registering their portable equipment under this General Permit must select a General Permit Number from the options by checking **only ONE (1)** box. The General Permit Number (GPN) chosen determines the maximum hours of operation of the engine that corresponds to its maximum horsepower rating based on engine model year, engine certification and type of fuel burned, under the selected option. Potential to emit for each criteria air pollutant is given under each option. In Option D, the potential to emit of each criteria air contaminant increases when the engine size becomes greater than or equal to 900 HP.

During the selection of the GPN if the engine maximum horsepower rating is determined to be *Greater Than 150 HP* and *Less Than or Equal to 1400 HP* the facility must select the maximum hours of operation corresponding to the engine's HP that falls within the lower and upper horsepower rating on the Options Table (*see example below*). For an engine that has a maximum HP rating less than or equal to 150 the facility must select *Less Than or Equal to 150 HP* on the Options Table.

Example: If an engine is of any model year with a maximum horsepower rating greater than 200 HP and less than or equal to 300 HP, for instance 274 HP, burning diesel fuel and is not certified to meet USEPA applicable emission standards, the Permittee should select PE-A3. This option falls within 200 HP and 300 HP selections which correspond to a maximum of 1080 hours of operation. In contrast, if an engine is of any model year with a maximum horsepower rating greater than 600 HP and less than or equal to 700 HP, for instance 610 HP, burning diesel fuel and is certified to meet USEPA applicable emission standard, the Permittee should select PE-B7. This option falls within 200 HP and 300 HP selections which correspond to a maximum of 763 hours of operation.

Check the General Permit Number selected from the Options Table in the space provided, as follow.

Option A – Choose this option if the portable engine is of any model year, which is **NOT CERTIFIED** to meet applicable USEPA emission tier standards AND combusts diesel fuel **ONLY**.

Option B - Choose this option under **ONE** of the following two (2) conditions:

- 1) The portable engine is of any model year, including reconstructed one, which has been **CERTIFIED** to meet applicable USEPA emission tier standards AND combust diesel fuel only;

OR

- 2) The portable engine is of any model year, burning gasoline, natural gas, propane, bio-diesel (B5), LPG, hydrogen, ethanol, methanol or LNG/CNG, whether it is certified or not.

Option C – Choose this option if the portable engine model year is between 2007 and 2010, is **FACTORY-CERTIFIED** to meet applicable USEPA emission tier standards AND combusts diesel fuel **ONLY**. If the engine model year is not available, an engine manufactured on or after July 11, 2006 and prior to January 1st, 2011 is deemed 2007 through 2010 model year.

Option D – Choose this option if the portable engine model year is 2011 and later, is **FACTORY-CERTIFIED** to meet applicable USEPA emission tier standards AND combusts diesel fuel **ONLY**. If the engine model year is not available, an engine manufactured on or after January 1st, 2011 is deemed 2011 and later model year. Under this option, the facility must determine the potential to emit of each criteria air pollutant based on whether the engine maximum horsepower rating is less than 900 HP, or equal to or greater than 900 HP.

Please refer to Section F for help on calculating emissions, adjusted for actual hours of operation from an engine covered under this GP-019.

SECTION E: CERTIFICATION

Print or type the Name and Title of the Individual with Direct Knowledge or Responsible Official. Sign and date the application with an original signature.

Individual with Direct Knowledge - Individual listed as the contact person or any person with direct knowledge of and responsibility for the information contained in the General Permit Registration Form. This may or may not be the same person who signs as the Responsible Official defined below.

Responsible Official - A facility's official who is responsible for the General Permit Registration. A Responsible Official as defined in N.J.A.C. 7:27-1.4 is as follows:

- For a corporation: a president, secretary, treasurer, or vice-president of the corporation; any other person who performs similar policy or decision making functions for the corporation; or a duly authorized representative responsible for the overall operation of a facility (plant manager, etc.).
- For a partnership: a general partner.
- For a sole proprietorship: the proprietor
- For a government agency: either a principal executive officer or ranking elected official.

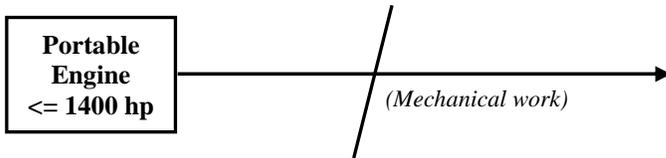
SECTION F: ATTACHMENTS

(GO TO NEXT PAGE)

ATTACHMENT 1 TYPES OF PORTABLE EQUIPMENT (Covered in the GP-019)

ITEM
No.

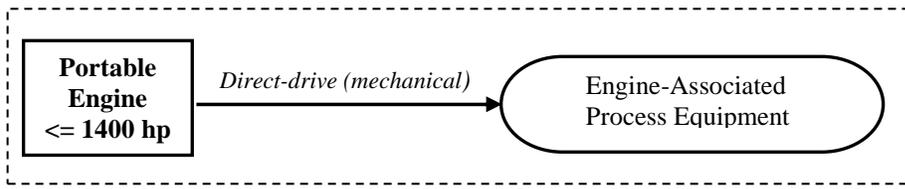
A- Stand-alone Engine



- Cutter
- Compressor
- Pump

B- Directly (B-1) or Indirectly (B-2) Driven Engine-Associated Process Equipment

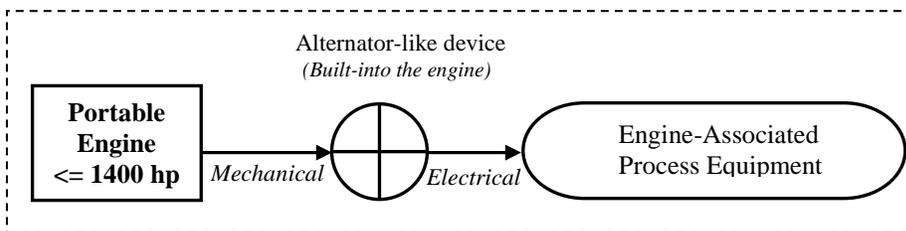
B-1 Directly Driven



A single engine is supplying mechanical power to run process equipment

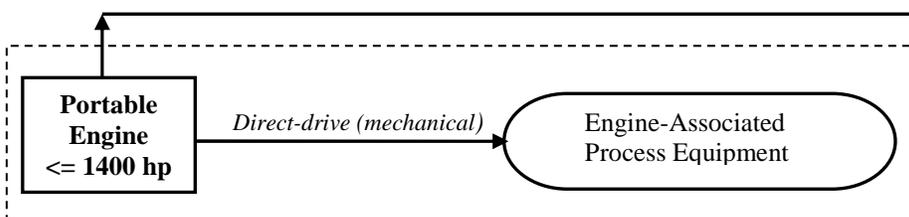
- Skid or
 - Trailer- Mounted,
 - On wheels or
 - Tracks
- (E.G.: Tub Grinder, Rock Crusher)

B-2 Indirectly Driven



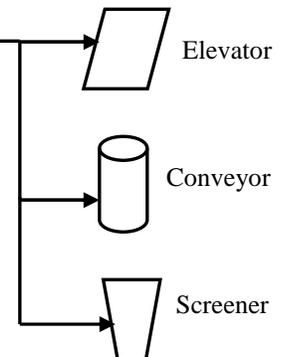
A single engine is supplying mechanical power to run process equipment through an "alternator"-like device.

C- B-1 (above) with Ancillary Equipment (E.G.: Conveyor, Elevator)

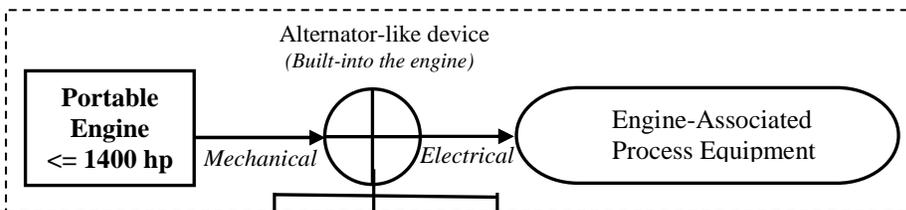


A single engine is supplying mechanical power to run process equipment and ancillary equipment

ANCILLARY EQUIPMENT



D- B-2 (above) with Ancillary Equipment (E.G.: Conveyor, Elevator)

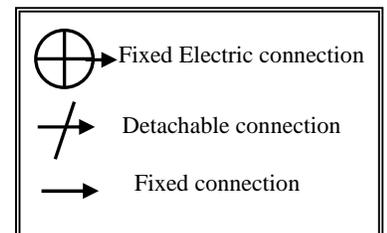


Elevator Screener Conveyor

ANCILLARY EQUIPMENT

A single engine is supplying mechanical power to run process equipment and ancillary equipment through an "alternator"-like device.

LEGEND



ATTACHMENT 2

Examples of Portable Equipment and Ancillary Equipment covered in the GP-019

Portable Wood Chipping and Grinding Equipment.
Portable Conveyor, Elevator, Feeder, Screener and Hopper.
Portable Rock Crushing Equipment.
Portable Tire Shredding Equipment.
Portable Equipment used at quarries and batch concrete plants.
Portable Pumps (except Fire Pumps) and Compressors.
Portable Dredging Equipment.
Portable Equipment used at Asphalt Plants.
Portable Equipment used in Recreational Activities
Portable Well Drilling Equipment

ATTACHMENT 3

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PERMITTING**

GP-019 PORTABLE EQUIPMENT RECORDKEEPING FORM
Calculation of Engine Emissions Adjusted for Actual Hours of Operation
(Complete per engine for each site)

1. Permittee's Name:	2. Air PI No.:	3. General Permit No.:
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4. Location of Portable Equipment: _____

5. General Permit Option No. Selected	6. Engine Max. HP	7. Max Allowable Annual Hrs of Operation <i>(from Options Table)</i>	8. Hour Meter Reading <i>(Upon initial startup)</i>		9. Hour Meter Reading <i>(Upon last shutdown)</i>		10. Actual Engine Hours of Operation at this site	11. Year-To-Date Engine Hrs of Operation	12. Emissions Adjusted for Actual Hours of Operation {TPY}	
			Date	Meter Display	Date	Meter Display			PM ₁₀	
										PM ₁₀
										NO _x
										SO _x
										CO
										THC

"I certify under penalty of law that I believe the information provided in this document is true, accurate and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

13. Printed Name and Signature of Permittee's Individual with Direct Knowledge : _____	14. Phone Number: _____	15. Date: _____
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16. Printed Name and Signature of person accepting this form: _____	17. Phone Number: _____	18. Date: _____
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Revised 03/17/2008 Portable Equipment General Permit GP-019 is available at www.nj.gov/dep/agpp

ATTACH ADDITIONAL SHEETS IF NECESSARY

Submit This Form along with a copy of the approved GP-019 Permit and Registration Form to the Site Owner or the Facility where the portable equipment is located and operated.

GP-019 PORTABLE EQUIPMENT RECORDKEEPING FORM INSTRUCTIONS

Note: This form is to be used to calculate and record actual hours of operation and emissions adjusted for actual hours of operation from portable equipment registered under the GP-019 per piece of equipment and per site.

1. *Permittee's Name* -- Legal name of entity, business, organization, agency, or private individual that holds the General Permit.
2. *Air PI No.* - Enter the Permittee's 5-digit numerical Air Program Interest #, also called Facility ID #.
3. *General Permit No.* -- Enter the number of the approved General Permit GP-019 covering the piece of portable equipment at the site. This number always begins with GEN, followed by a series of 6 numbers. For example, GEN080001. List only one General Permit per form.
4. *Location of Portable Equipment* -- Describe the location where the portable equipment is located and being operated, including the name of the site, the county, the street address and the postal zip code.
5. *General Permit Option No. Selected* -- Enter the option selected on the GP-019 General Permit Registration Form.
6. *Engine Maximum HP* -- Enter the engine maximum horsepower as reported on the GP-019 Registration Form, and as shown on the engine plate.
7. *Max allowable annual Hrs of Operation* - Enter the engine's maximum allowable hours of operation per year, as selected from the General Permit Option Tables A, B, C or D on the GP-019 Registration Form.
8. *Hour Meter Reading* -- Enter the engine hour meter reading when the portable equipment is FIRST started up & operated at the site. Also record the date (month, day, and year) that this hour meter reading is taken.
9. *Hour Meter Reading* -- Enter the engine hour meter reading when the portable equipment COMPLETES its operation at this site. **Do not** record the hour meter for each and every day of operation (i.e.; only record the hour meter twice: once when the portable equipment first starts operating at this site, and once when the portable equipment finishes operating at this site). Also record the date (month, day, and year) that this hour meter reading is taken.
10. *Actual Engine Hours of Operation at this site* -- Calculate the engine actual hours of operation at this site as follows:

[Engine Actual Hours of Operation = Hour Meter Reading upon last shutdown minus Hour Meter Reading upon initial Startup]

11. *Year-To-Date Engine Hrs of Operation* – **If the year-to-date engine hours of operations corresponding to the total hours that the engine has operated since the beginning of the calendar year are available enter it here. This total must be less than the figure in box No. 7.**
12. *Emissions Adjusted For Actual Hours of Operation* -- Calculate the emissions resulting from the operation of the engine at the site, repeated for each air contaminant, using the following equation and example below:

[Actual engine hrs of operation as calculated in step#10 above]

[Engine Maximum Hours of Operation as selected from Option A, B, C or D, and entered in box#7 above]

*** Tons per year of the air contaminant corresponding to the option selected on the GP-019 Registration Form]**

Example: Suppose Option A is selected for an engine of a maximum HP equal to 400. The corresponding maximum hours of operation are 810 hours. For that option, the potential to emit (PTE) of each air contaminant category is¹: PM₁₀ = 0.36 TPY, SO_x = 0.35 TPY, NO_x = 4.95 TPY, CO = 1.15 TPY and THC = 0.41 TPY. Suppose the actual hours of operation of the engine at this site, as calculated in step#10 above, is 350. Thus, the *emissions adjusted for actual hours of operation* of the portable engine for each air contaminant category for this site would be calculated as follows:

¹ Remember, for Options A through C, the air contaminant category TPY does not change with the engine maximum HP or Maximum Hours of Operation selected. However for Option D the air contaminant category TPY of each criteria air contaminant increases when the engine size becomes greater than or equal to 900 HP.

$PM_{10} = (350/810) * 0.36 = 0.16 \text{ TPY}$
 $SO_x = (350/810) * 0.35 = 0.15 \text{ TPY}$
 $NO_x = (350/810) * 4.95 = 2.14 \text{ TPY}$
 $CO = (350/810) * 1.15 = 0.50 \text{ TPY}$ and
 $THC = (350/810) * 0.41 = 0.18 \text{ TPY}$.

13. *Printed Name and Signature of Permittee's Individual with Direct Knowledge* -- Enter the name and signature of the person who represents the Permittee and who has direct knowledge of the use of the portable equipment at the site, and who is certifying the information contained within this form to be true, accurate and complete.
14. *Phone Number* -- Enter the phone number of the contact person or owner/operator of the portable engine.
15. *Date* -- Enter the date this Recordkeeping Form is signed.
16. *Printed Name and Signature of person Accepting This Form* -- Enter the name and signature of the person who represents the site where the portable equipment was operated, and who is accepting this form.
17. *Phone Number* -- Enter the phone number of the person that has accepted this form.
18. *Date* -- Enter the date when this form was accepted and signed for by the person on behalf of the site where the portable equipment was operated.