



## Vehicle Idling Standard

### Summary

This standard outlines the limitations of idling Pacific Gas and Electric Company (PG&E) owned and/or operated on-road and off-road vehicles to ensure compliance with state regulations and for the benefit of public health and the environment.

**NOTE:** For the purposes of this standard, the term “vehicle” will henceforth refer to both:

- On-road vehicles with a Gross Vehicle Weight Rating (GVWR) of 10,001 pounds or greater; and
- Off-road vehicles with a primary engine rating of 25 horsepower or greater.

This standard serves as PG&E’s written idling policy, as required by California Code of Regulations, Title 13, Division 3, Chapter 9, Article 4.8, Section 2449(d)(2)(B).

### Target Audience

PG&E employees who operate, and/or supervise the operation of, any vehicle (as defined in this standard).

### Safety

Injury, death, and/or property damage may result from a driver leaving a vehicle while the vehicle’s engine is running. A driver must not leave a vehicle while the vehicle’s engine is running, except when performing work where it is necessary for the engine to remain running.



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### Requirements

#### **1 On School Grounds (All Vehicles Of Any Fuel Type)**

- 1.1 Turn off vehicle's engine immediately after parking.
- 1.2 Start vehicle's engine no more than 30 seconds before departing.

#### **2 Within 100 Feet Of A School (All Vehicles Of Any Fuel Type)**

- 2.1 Do not idle vehicle's engine for more than five consecutive minutes.
- 2.2 Do not idle vehicle's engine for more than a total of five cumulative minutes in any one hour period.

#### **3 Additional Idling Restrictions (Diesel Vehicles Only)**

- 3.1 For diesel-fueled vehicles at **any** location within the state of California, except on school grounds (subject to Subsection 1) and within 100 feet a school (subject to Subsection 2):
  - 1. Do not idle the vehicle's primary diesel engine for more than five consecutive minutes.



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### 4 Exceptions

- 4.1 Exceptions to the vehicle idling restrictions of Subsections 1, 2, and 3 are allowed only under the following circumstances:
1. Doing work for which the vehicle was intended, except for transporting passengers.
  2. Positioning or providing power for equipment necessary to perform a job function.
  3. Vehicle must remain motionless due to traffic conditions, adverse weather conditions, or mechanical difficulties over which the driver has no control.
  4. For safety reasons, including providing light when working after dark and operating lights or signals to direct traffic at a PG&E job site.
  5. Operating defrosters, heaters, air conditioners, or other equipment to prevent a safety or health emergency.
  6. Verifying that the vehicle is in safe operating condition.
  7. Testing, servicing, repairing, or diagnostic purposes, including regenerating an exhaust filter.
  8. Vehicle is queuing – such as when a line of trucks forms to receive materials from an excavator – and is at all times beyond 100 feet from a restricted area (see Definitions section).
  9. Warming an engine up to operating temperatures, as specified by the manufacturer.
  10. Cooling down a turbo-charged diesel engine before turning the engine off.



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### 5 Certified Clean Idle Vehicles Not Exempt

#### NOTE

Some PG&E vehicles have a Certified Clean Idle label (Figure 1) applied to the driver's side hood or front quarter panel for meeting California's low-NOx idling emission standard.



Figure 1

- 5.1 Vehicles with a Certified Clean Idle label are **not** exempt from the idling restrictions of this standard and must comply with all requirements contained in this standard. This PG&E standard is more stringent than state law.

### 6 Training Requirements

- 6.1 All PG&E employees who operate, and/or supervise the operation of, any vehicle must complete PG&E Training ENVR-0204, Vehicle Idling Rules, upon employment and at least once per year thereafter.
- 6.2 PG&E employees, who complete PG&E Training ENVR-0204, Vehicle Idling Rules, are responsible for recording completion of their training with the PG&E Academy.
- 6.3 PG&E Academy is responsible for maintaining PG&E employee training completion records of PG&E Training ENVR-0204, Vehicle Idling Rules.
1. Training records must be kept for at least the past three years.



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### **7 Vehicle Idling Complaints, Citations, and Fines**

- 7.1 All PG&E employees that become aware of a vehicle idling citizen complaint or enforcement agency citation must immediately notify their supervisor.
- 7.2 IF a supervisor is made aware of a vehicle idling complaint or citation,  
THEN the supervisor must:
1. Report the vehicle idling complaint or citation to the PG&E Environmental Standards and Systems, Air Quality Program Manager;
  2. Review the complaint or citation with the Air Quality Program Manager; and
  3. Implement corrective actions, as necessary and as appropriate, to be in compliance with this standard. Corrective actions may include, but are not limited to:
    - a. Engineering controls;
    - b. Employee training;
    - c. Employee disciplinary action.
- 7.3 The Air Quality Program Manager is responsible for maintaining records of vehicle idling complaints and citations for at least the last three years.
1. Vehicle idling complaint and citation records must be made available or accessible to enforcement agency personnel within three business days of their request.
- 7.4 IF a vehicle operator is issued a vehicle idling citation by an enforcement agency,  
THEN the vehicle operator is responsible for resolving the citation with the enforcement agency, including the payment of all fines associated with the citation.
1. A fine of at least \$300 (and up to \$1,000) per infraction may be associated with a vehicle idling citation.

**END of Requirements**



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### Definitions

**Enforcement Agency:** California Air Resources Board, peace officers as defined in California Penal Code, Title 3, Chapter 4.5, Section 830 et seq. and their respective law enforcement agencies' authorized representatives, and air pollution control or air quality management districts.

**Driver:** Any person who drives or is in actual physical control of a vehicle.

**Gross Vehicle Weight Rating (GVWR):** The weight specified by the manufacturer as the loaded weight of a single vehicle.

**Idling:** The vehicle's engine is running while the vehicle is stationary.

**Off-Road Vehicle:** Any motor vehicle that (a) cannot be registered and driven safely on-road or (b) was not designed to be driven on-road.

**On-Road Vehicle:** Any motor vehicle registered and/or designed to be driven on public roads and highways.

**Queuing:** The intermittent starting and stopping of a vehicle while the driver, in the normal course of doing business, is waiting to perform work or a service, and when shutting the vehicle's engine off would impede the progress of the queue and is not practicable. Queuing does not include the time a driver may wait motionless in line in anticipation of the start of a workday or opening of a location where work or a service will be performed.

### **Restricted Area:**

- Any real property zoned for individual or multifamily housing units that has one or more of such units on it; and
- Any school (as defined below).

### **Safety or Health Emergency:**

- A sudden, urgent, or usually unforeseen, occurrence; or
- A foreseeable occurrence relative to a medical or physiological condition.

**School:** Any public or private school used for the purposes of education and instruction of more than 12 school pupils at or below the 12<sup>th</sup> grade level. Includes any form of improved school property such as buildings, structures, playgrounds, athletic fields, and parking lots. Day-care facilities and educational activities occurring in private homes are excluded.

### **Vehicle:**

- On-road vehicles with a Gross Vehicle Weight Rating (GVWR) of 10,001 pounds or greater (examples in Figure 2 and Figure 3); and



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- Off-road vehicles with a primary engine rating of 25 horsepower or greater (examples in Figure 4 and Figure 5).



Figure 2



Figure 3



Figure 4



Figure 5

### Implementation Responsibilities

Supervisors of PG&E employees who operate PG&E owned and/or operated vehicles are responsible for ensuring that their employees have the knowledge necessary to comply with this standard.

All employees driving vehicles must comply with this standard.

### Governing Document

NA



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### Compliance Requirement/ Regulatory Commitment

California Code of Regulations, Title 13, Division 3, Chapter 10, Article 1,  
Section 2449: General Requirements for In-Use Off-Road Diesel-Fueled Fleets

California Code of Regulations, Title 13, Division 3, Chapter 10, Article 1,  
Section 2480: Airborne Toxic Control Measure to Limit School Bus Idling and  
Idling at Schools

California Code of Regulations, Title 13, Division 3, Chapter 10, Article 1,  
Section 2449: Airborne Toxic Control Measure to Limit Diesel-Fueled  
Commercial Motor Vehicle Idling

### Reference Documents

California Code of Regulations, Title 13, Division 3, Chapter 10, Article 1,  
Section 2449: General Requirements for In-Use Off-Road Diesel-Fueled Fleets

California Code of Regulations, Title 13, Division 3, Chapter 10, Article 1,  
Section 2480: Airborne Toxic Control Measure to Limit School Bus Idling and  
Idling at Schools

California Code of Regulations, Title 13, Division 3, Chapter 10, Article 1,  
Section 2449: Airborne Toxic Control Measure to Limit Diesel-Fueled  
Commercial Motor Vehicle Idling

### Appendices

NA

### Attachments

NA

### Document Revision

Environmental Procedure P-011, Limits on Vehicle Idling for Commercial Motor  
Vehicles

Environmental Bulletin B-025, Limits on Vehicle Idling for Commercial Motor  
Vehicles

### Approved By

Diane Thurman, Director, Environmental Standards and Systems





## Vehicle Idling Standard

**Document Owners** [REDACTED], Air Quality Program Manager, Environmental Standards and Systems

[REDACTED] Air Subject Matter Expert, Environmental Management

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**Document Contact** [REDACTED] Air Subject Matter Expert, Environmental Management

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## Vehicle Idling Standard

### Revision Notes

Where?	What Changed?
Whole document	Combined previous Environmental vehicle idling guidance documents into this standard.