



4. **GOOD CAUSE:** Explain why your petition was not filed in sufficient time to issue the required public notice. (Required only for Emergency and Interim Variances; see Attachment A, Item 4)

As a result of the devastating wild fires which began on January 7, 2025, Southern California Edison (SCE) has implemented PSPS (public safety utility/power shutdown) across several counties in Southern California to protect public safety. These PSPS have resulted in higher than normal usage of our emergency generators. We are permitted to run these engines up to 200 hours per year, which includes no more than 50 hours for maintenance and testing purposes. Our engines are at risk for exceeding the allowed 200 hours, due to the wild fires and resulting PSPS as directed by SCE. As of 2:55pm January 22, 2025, our engines runtime hours are:

Permit G73658 Engine 1, 174 hours  
Permit G73659 Engine 2, 171 hours  
Permit G73659 Engine 3, 154 hours  
Permit G62949 Engine 4, 5 hours

This petition was not filed with sufficient time to issue the required public notice due to the ongoing wildfires and SCE's urgent need to implement PSPS to protect life and property. The necessity of this variance is approaching very quickly and if we were to file a public notice, our hours would exceed the allowed 200 before the expiration of the public notice.

5. Briefly describe the type of business and processes at your facility.

This is an Amazon inbound cross dock facility in Bloomington, CA. Packages are received from vendors, where they are then loaded onto trucks and sent to other fulfillment centers to be stored as product inventory.

6. List the equipment and/or activity(s) that are the subject of this petition (see Attachment A, Item 6, Example #1). **Attach copies of the Permit(s) to Construct and/or Permit(s) to Operate for the subject equipment. For**

[YOU MAY ATTACH ADDITIONAL PAGES IF NECESSARY]

RECLAIM or Title V facilities, attach *only* the relevant sections of the Facility Permit showing the equipment or process and conditions that are subject to this petition. You must bring the entire Facility Permit to the hearing.

Equipment/Activity	Application/Permit No.	RECLAIM Device No.	Date Application/Plan Denied (if relevant)*
ICE (>500 HP) Emergency Electrical Generator Diesel	G62949		
ICE (>500 HP) Emergency Electrical Generator Diesel	G73658		
ICE (>500 HP) Emergency Electrical Generator Diesel	G73659		
ICE (>500 HP) Emergency Electrical Generator Diesel	G73660		

\*Attach copy of denial letter

7. Briefly describe the activity or equipment, and why it is necessary to the operation of your business. A schematic or diagram may be attached, in addition to the descriptive text.

These are permanent emergency generators that are permitted to operate during emergency situations when there is no power supply to the buildings as a result of planned/unplanned electricity outages.

8. Is there a regular maintenance and/or inspection schedule for this equipment? Yes  No   
 If yes, how often: weekly and monthly Date of last maintenance and/or inspection Monthly – 1/7, weekly – 1/16  
 Describe the maintenance and/or inspection that was performed.

Weekly: Inspect cabinets for proper sealing – no penetrations at conduit knockouts, enclosure seals and gaskets are intact, annotate fuel level, maintain at or above 75%, inspect and verify block heater operations, inspect area for leaks, clean area around generator, verify unit is in AUTO (automatic operation mode), verify automatic transfer switch is in auto mode, conduct inspection of all wiring and connections, and verify all circuit breakers are in closed position.

Monthly: inspect all components of the battery system, check fueling system for leaks/cracks/damage, 30 minute run test (mandated by NFPA requirement), check fan/alternator below

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9. List all District rules, and/or permit conditions [indicating the specific section(s) and subsection(s)] from which you are seeking variance relief (if requesting variance from Rule 401 or permit condition, see Attachment A). Briefly explain how you are or will be in violation of each rule or condition (see Attachment A, Item 9, Example #2).

Rule	Explanation
Permit Condition	The engine shall not be operated more than 200 hours in any one year, which includes no more than 50 hours in any one year and no more than 4.2 hours in any one month for maintenance and testing purposes.

10. Are the equipment or activities subject to this request currently under variance coverage? Yes  No

Case No.	Date of Action	Final Compliance Date	Explanation

11. Are any other equipment or activities at this location currently (or within the last six months) under variance coverage? Yes  No

Case No.	Date of Action	Final Compliance Date	Explanation

12. Were you issued any Notice(s) of Violation or Notice(s) to Comply concerning this equipment or activity within the past year? Yes  No

If yes, you must attach a copy of each notice.

13. Have you received any complaints from the public regarding the operation of the subject equipment or activity within the last six months? Yes  No

If yes, you should be prepared to present details at the hearing.

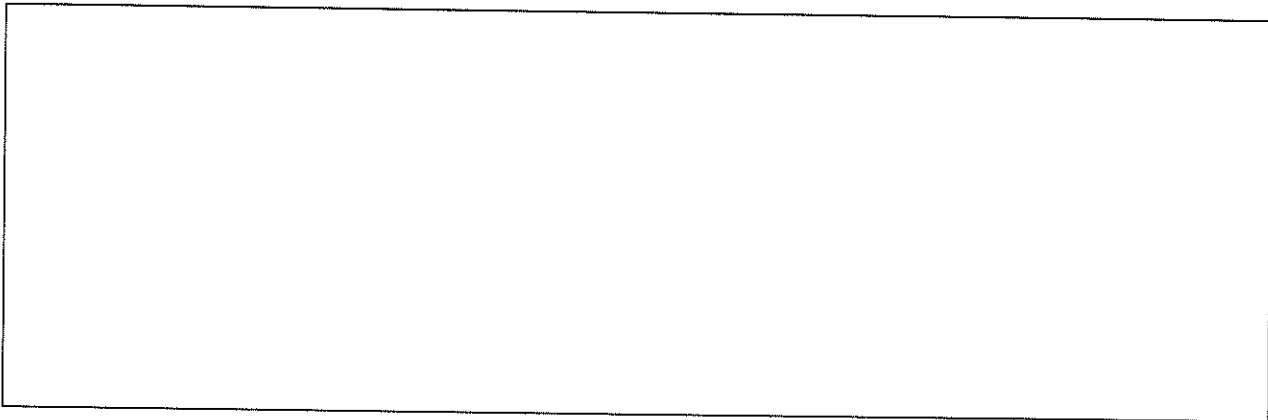
14. Explain why it is beyond your reasonable control to comply with the rule(s) and/or permit condition(s). Provide specific event(s) and date(s) of occurrence(s), if applicable.

On January 7, 2025 a Santa Ana wind event led to the destructive fires that have impacted our local communities. As a result of these winds and fires, Southern California Edison (SCE) has and continues to perform PSPS (public safety utility/power shutdown) across their grids to protect public safety. These PSPS have resulted in the usage of our emergency generators at hours that will exceed our permitted annual allotment if a variance is not granted.

This variance is only needed as we are operating under extreme circumstances where utility shut off is needed for public safety. Under normal circumstances, our engines would never come close to exceeding our permitted annual allotment of hours.

15. When and how did you first become aware that you would not be in compliance with the rule(s) and/or permit condition(s)? Provide specific event(s) and date(s) of occurrence(s).

The site notified our team on January 15<sup>th</sup>, 2025 of the potential for these generators to exceed permitted hours. This became evident as the wildfires in Los Angeles County continued for several days uncontained, and the ongoing Santa Ana wind event. SCE has to do what is in their power to reduce risk to our communities, and utility shut-offs became a regular occurrence.



16. List date(s) and action(s) you have taken since that time to achieve compliance. That the Petition Form HB-V, and any related instructions, include requirement that the Petitioner include a timeline in suitable, chronological format to address the events, dates, and actions called for by Questions 15 and 16, including the dates of communication with the South Coast AQMD to notify them of the occurrence(s) giving rise to the requested variance.

PSPS are out of Amazon's control, as the utility company has full discretion on usage of PSPS to protect public safety. Our emergency generators are installed and used for such events. Amazon reached out to South Coast AQMD on 1/15/2025 (10:06am to [emergencyrelief@aqmd.gov](mailto:emergencyrelief@aqmd.gov), and 5:51pm to [tmann@aqmd.gov](mailto:tmann@aqmd.gov)) and 1/16/2025 (2:09pm to [emergencyrelief@aqmd.gov](mailto:emergencyrelief@aqmd.gov)) for Executive Order interpretation, and for guidance on compliance. The AQMD timely provided confirmation and guidance, which is why this variance is being submitted. We appreciate the quick response and guidance from the agency.

17. What would be the harm to your business during **and/or after** the period of the variance if the variance were not granted?

Economic losses: \$ unable to determine

Number of employees laid off (if any): A typical building of this size employs between 600-900 employees. If there is no power to the building, those individuals are not working or earning their income

Provide detailed information regarding economic losses, if any, (anticipated business closure, breach of contracts, hardship on customers, layoffs, and/or similar impacts).

As I mentioned above, I am unable to determine an accurate economic loss given the unpredictability of PSPS. These utility shutdowns are only given hours in advance, if any.

18. Can you curtail or terminate operations in lieu of, or in addition to, obtaining a variance? Please explain.

If there is no power to the building, and a variance is not granted, we would be out of compliance with respect to our AQ permits. If directed to, the building would not operate, impacting lives of Amazon associates and the communities they live in.

19. Estimate excess emissions, if any, on a daily basis, including, if applicable, excess opacity (the percentage of total opacity above 20% during the variance period). If the variance will result in no excess emissions, insert "N/A" here and skip to No. 20.

To Be Determined – cannot predict future PSPSs. Calculations below are based on hours of run time due to PSPS to date:

Pollutant	(A)	(B)	(C)*
	Total Estimated Excess Emissions (lbs/day)	Reduction Due to Mitigation (lbs/day)	Net Emissions After Mitigation (lbs/day)
CO	69.86 lbs		69.86 lbs
NOX	234.53 lbs		234.53 lbs
PM10	14.97 lbs		14.97 lbs

\* Column A minus Column B = Column C

Excess Opacity: \_\_\_\_\_ %

20. Show calculations used to estimate quantities in No. 19, or explain why there will be no excess emissions.

These engines emit CO at 0.14 lb/hr, NOX at 0.47 lb/hr and PM10 at 0.03 lb/hr. Took total hours of run time to date of the three engines at risk, and multiplied that by these factors.

499 hours X 0.14 lb/hr = 69.86 lbs CO  
 499 hours X 0.47 lb.hr = 234.53 lbs NOX  
 499 hours X 0.03 lbs/hr = 14.97 lbs PM10

21. Explain how you plan to reduce (mitigate) excess emissions during the variance period to the maximum extent feasible, or why reductions are not feasible.

Engines will only be run during emergency situations and O&M, which includes PSPS (public safety utility/power shutdown). Our O&M schedule is sufficient to minimize excess emissions.



[Empty response box]

22. How do you plan to monitor or quantify emission levels from the equipment or activity(s) during the variance period, and to make such records available to the District? **Any proposed monitoring does not relieve RECLAIM facilities from applicable missing data requirements.**

Our engines are on a manufacturer recommended O&M schedule, which ensures compliant emissions.

23. How do you intend to achieve compliance with the rule(s) and/or permit condition(s)? Include a detailed description of any equipment to be installed, modifications or process changes to be made, permit conditions to be amended, etc., dates by which the actions will be completed, and an estimate of total costs.

Amazon will continue to only run these generators during O&M and during events of power outages.

[Empty rectangular box]

24. State the date you are requesting the variance to begin: 1/24/2025; and the date by which you expect to achieve final compliance: 1/1/2026.

If the regular variance is to extend beyond one year, you must include a **Schedule of Increments of Progress**, specifying dates or time increments for steps needed to achieve compliance. See District Rule 102 for definition of Increments of Progress (see Attachment A, Item 24, Example #3).

List Increments of Progress here:

[Empty rectangular box for listing increments of progress]

25. List the names of any District personnel with whom facility representatives have had contact concerning this variance petition or any related Notice of Violation or Notice to Comply.

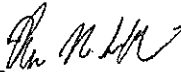
Terrance Mann Ext. \_\_\_\_\_  
\_\_\_\_\_ Ext. \_\_\_\_\_

If the petition was completed by someone other than the petitioner, please provide their name and title below.

Name \_\_\_\_\_ Company \_\_\_\_\_ Title \_\_\_\_\_

The undersigned, under penalty of perjury, states that the above petition, including attachments and the items therein set forth, is true and correct.

Executed on 1/24/2025, at Los Angeles, California

  
Signature \_\_\_\_\_ Print Name Ryan Schaefer

Title: Regional Environmental Manager

26. SMALL BUSINESS and TABLE III SCHEDULE A FEES: To be eligible for reduced fees for small businesses, individuals, or entities meeting small business gross receipts criterion [see District Rule 303(h)], you must complete the following:

**Declaration Re Reduced Fee Eligibility**

1. The petitioner is
  - a)  an individual, or
  - b)  an officer, partner or owner of the petitioner herein, or a duly authorized agent of the petitioner authorized to make the representations set forth herein.

**If you selected 1a, above, skip item 2.**

2. The petitioner is
  - a)  a business that meets the following definition of Small Business as set forth in District Rule 102:  
SMALL BUSINESS means a business which is independently owned and operated and meets the following criteria, or if affiliated with another concern, the combined activities of both concerns shall meet these criteria:
    - (a) the number of employees is 10 or less; **AND**
    - (b) the total gross annual receipts are \$500,000 or less **or**
    - (iii) the facility is a not-for-profit training center.

**-OR-**

- b)  an entity with total gross annual receipts of \$500,000 or less.
3. Therefore, I believe the petitioner qualifies for reduced fees for purpose of filing fees and excess emission fee calculations, in accordance with Rule 303(h).

I declare under penalty of perjury that the foregoing is true and correct.

Executed on \_\_\_\_\_, at \_\_\_\_\_, California

Signature \_\_\_\_\_

Print Name \_\_\_\_\_

Title \_\_\_\_\_

**ATTACHMENT A**

**ITEM 1**

Type of Variance Requested:

- (a) **SHORT:** If compliance with District rule(s) can be achieved in **90 days or less**, request a short variance. *(Hearing will be held approximately 21 days from date of filing--10-day posted notice required.)*
- (b) **REGULAR:** If compliance with District rule(s) will take **more than 90 days**, request a regular variance. If the variance request will extend beyond one year, you **must** include a specific detailed schedule of increments of progress [see Page 8, No. 24] under which you will achieve final compliance. *(Hearing will be held approximately 45 days from date of filing--30-day published notice required.)*
- (c) **EMERGENCY:** If non-compliance is the result of an unforeseen emergency, such as a sudden equipment breakdown, power failure, or accidental fire, you may request an emergency variance. You may request an *ex parte* emergency variance in addition to an emergency variance. **An emergency variance cannot be granted for more than 30 days.** *(Hearing will be held within 2 working days from the date of filing, whenever possible, excluding Mondays, weekends, and holidays.) If you request an emergency variance, you must answer No. 4 on page 1.*

- (d) **EX PARTE EMERGENCY:** If variance coverage is required on a weekend or when the Board is not in session, and you cannot wait until an emergency variance hearing can be held, you may request an *ex parte* emergency variance. An *ex parte* emergency variance will be granted or denied solely on the information contained in the petition and the District's response to the petition. Under most circumstances, an *ex parte* emergency variance will remain in effect only until a hearing can be held. **If you request an *ex parte* variance, you must answer No. 4 on page 1.**
- (e) **INTERIM:** If you require immediate relief (other than for emergencies) to cover the time until a short or regular variance hearing can be held, request an interim variance. If you request an interim variance, you must also request a short or a regular variance on the same petition. *(Hearing will be held approximately 2 working days from date of filing, whenever possible, excluding Mondays, weekends and holidays.)* **If you request an interim variance, you must answer No. 4 on page 1.**

**ITEM 4**

**GOOD CAUSE:** The Hearing Board is required to provide public notice of variance hearings, as the public has a right to attend and testify at such hearings. In order for the Hearing Board to hold an Interim, *Ex Parte* Emergency or Emergency Variance hearing without the required public notice, a petitioner must present facts which will support a determination by the Board that "good cause" exists to hear a variance without notifying the public about the variance and providing the public with an opportunity to present evidence concerning the variance.

**ITEM 6**

**Example #1:**

Equipment/Activity	Application/ Permit No.	RECLAIM Device No.	Date Application/Plan Denied (if relevant)*
Tenter frame		D32	
Chrome-plating tank	M99999		
Bake oven	123456		
Create special effects (fog)	N/A	N/A	N/A
Mfg., sale, distribution, use of non-compliant coating	N/A	N/A	12/10/95

**ITEM 9**

- a) If you are requesting relief from Rule 401 and the excess opacity during the variance period will reach or exceed 40%, you should also request relief from California Health and Safety Code Section 41701.
- b) If you are requesting relief from a permit condition(s), you should also request relief from the rule requiring compliance with conditions of the permit: 202(a), (b) or (c) - Temporary Permit to Operate; 203(b) - Permit to Operate; 2004(f)(1) – RECLAIM Permit; 3002(c) – Title V Permit.

**Example #2:**

Rule	Explanation
404(a)	tenter frame is vented to damaged air pollution control equipment
2004 (f)(1) [Condition No. 28-2 of Facility P/O No. 099999]	source test cannot be conducted as required until new ESP is installed
1113(c)(2)	petitioner manufactures and sells clear wood finishes with VOCs in excess of 350 grams per liter
401(a) & California H&S Code	Opacity will exceed 45%.

**ITEM 24**

**Example #3:**

**Sample Schedule of Increments of Progress**

- Permit application(s) will be submitted to the District by [date].
- Contracts for the purchase of emission control systems will be awarded by [date].
- On-site construction will be completed by [date].

(Petition for Variance: Revised February 22, 2011)

English	<b>"If you require a language interpreter in order to participate in the hearing, contact the Clerk of the Board at least five (5) calendar days before your hearing at 909-396-2500 or by e-mail at <a href="mailto:clerkofboard@aqmd.gov">clerkofboard@aqmd.gov</a>. Specify the case name and number, hearing date, and the language for which you are requesting an interpreter."</b>
Farsi	"اگر برای شرکت در جلسه استماع به مترجم نیاز دارید، حد اقل پنج (5) روز تقویمی قبل از جلسه استماع، با منشی هیئت توسط شماره تلفن 909-396-2500 یا بوسیله نامه الکترونیکی با نشانی <a href="mailto:clerkofboard@aqmd.gov">clerkofboard@aqmd.gov</a> تماس بگیرید. نام پرونده و شماره آن، تاریخ جلسه استماع و زبانی را که برای آن مترجم درخواست کرده اید، مشخص کنید"
Arabic	"إذا كنت في حاجة لمترجم من أجل المشاركة في جلسة الاستماع، اتصل بكتائب المحكمة قبل موعد جلسة الاستماع بخمسة (5) أيام على هاتف 2500-396-909. حدد اسم ورقم القضية و تاريخ الاستماع واللغة التي تريد في <a href="mailto:clerkofboard@aqmd.gov">clerkofboard@aqmd.gov</a> 909-396-909 أو بالبريد الإلكتروني على مترجم لها."
Armenian	"Մեզ կարողությամբ մասնակցելու համար, եթե թարգմանչի կարիքն ունենաք, ցանկանաք ձեր ունկնդրությունը, ամենաքիչը հինգ (5) օրացույցային օրից առաջ կապվեք հանձնախմբի քարտուղարի հետ, 909-396-2500 հեռախոսահամարով կամ էլեկտրոնային փոստով <a href="mailto:clerkofboard@aqmd.gov">clerkofboard@aqmd.gov</a> ։ Նշեք գործի անունը և համարը, ունկնդրության թվականը, և լեզուն, որի համար թարգմանչի եք ցանկանում"
Vietnamese	"Nếu quý vị cần Thông Dịch Viên cho buổi điều trần, xin vui lòng điện-thoại cho Thư Ký Hội Đồng tại số 909-396-2500 trễ nhất là năm [5] ngày, không tính hai ngày Thứ Bảy và Chủ Nhật, trước buổi điều trần hoặc gửi điện thư đến <a href="mailto:clerkofboard@aqmd.gov">clerkofboard@aqmd.gov</a> . Nhớ ghi rõ tên và số hồ sơ, ngày điều trần, và ngôn ngữ quý vị cần có người để thông dịch."
Chinese	如果你要求翻譯來協助你參加聽證會，請在你的聽證會前至少提前五天（5個日曆日）打電話到909-396-2500或發電子郵件到 <a href="mailto:clerkofboard@aqmd.gov">clerkofboard@aqmd.gov</a> 與局裏的辦事人員聯絡。並且明確說明你的案子的名稱和號碼，聽證日期，以及你要求的翻譯的語種。
Japanese	公聴会（ヒアリング）に参加するために通訳が必要な場合、少なくとも5日前までに事務局（Clerk of the Board）にご連絡ください。電話でのご連絡は909-396-2500、e-メールでのご連絡は <a href="mailto:clerkofboard@aqmd.gov">clerkofboard@aqmd.gov</a> までお願いします。その際、案件名（case name）と案件番号（case number）、ヒアリングの日付、通訳が必要な言語を特定して下さい。
Korean	"만약 귀하나 귀하의 증인들이 심리에 참여하기 위해 통역사가 필요하시면, 심리일 5일 전까지 기관부서의 서기에게 909-396-2500으로 연락하시거나, <a href="mailto:clerkofboard@aqmd.gov">clerkofboard@aqmd.gov</a> 로 연락 하십시오. 통역이 필요하신 사건의 이름, 심리날짜, 그리고 언어를 정확하게 말씀해 주십시오."
Spanish	Si usted requiere un intérprete para poder participar en la audiencia, favor de comunicarse con el Secretario de la Junta cuando menos cinco (5) días hábiles antes de su audiencia al teléfono (909) 396-2500 ó por correo electrónico al <a href="mailto:clerkofboard@aqmd.gov">clerkofboard@aqmd.gov</a> . Especifique el nombre y el número de su causa, la fecha de la audiencia y el idioma del cual está solicitando el intérprete.
Tagalog	"Kung kailangan ninyo nang interpreter sa Pilipino para makasali kayo sa pagdinig sa kaso, tumawag lang po kayo sa Clerk of the Board sa numero 909-396-2500 or kung hindi mag-email kayo sa email <a href="mailto:clerkofboard@aqmd.gov">clerkofboard@aqmd.gov</a> . Kailangan na tumawag kayo sa loob nang limang araw (5 days) bago ang inyong hearing date at ibigay and inyong pangalan at case number, araw nang inyong pagdinig sa kaso at inyong gusto na may lenguahe na interpreter"
Thai	หากคุณต้องการส่วนในการขึ้นศาล ให้ติดต่อเจ้าหน้าที่ล่วงหน้าอย่างน้อย 5 วันก่อนวันขึ้นศาล โดยติดต่อที่เบอร์โทร 909-396-2500 หรือโดย e-mail ที่ <a href="mailto:clerkofboard@aqmd.gov">clerkofboard@aqmd.gov</a> ให้บอกชื่อและหมายเลขของคดี พร้อมทั้งวันเวลาในการขึ้นศาล และระบุภาษาที่คุณต้องการส่วน



South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178  
**PERMIT TO CONSTRUCT/OPERATE**

Page 1  
Permit No.  
G73658  
A/N 645978

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for the annual renewal fee (Rule 301(d)) is not received by the expiration date, contact the District.

Legal Owner  
or Operator: AMAZON.COM SERVICES LLC - SBD1  
P.O. BOX 80842  
SEATTLE, WA 98108-0842

ID 192999

\*\*\*

Equipment Location: 3388 S CACTUS AVE, BLOOMINGTON, CA 92316

**Equipment Description :**

INTERNAL COMBUSTION ENGINE, VOLVO PENTA, MODEL NO. TWD1673GE, DIESEL-FUELED, 6-CYLINDER, TURBOCHARGED AND AFTERCOOLED, RATED AT 919 BHP (685 kW), DRIVING AN EMERGENCY ELECTRICAL GENERATOR, EG2.

**Conditions :**

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall be properly maintained and kept in good operating condition at all times.
3. An operational non-resettable totalizing timer shall be installed and maintained to indicate the engine elapsed operating time.
4. This engine shall not be operated more than 200 hours in any one year, which includes no more than 50 hours in any one year and no more than 4.2 hours in any one month for maintenance and testing purposes.
5. Operating beyond the 50 hours per year allotted for maintenance and testing purposes shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage. Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.
6. This engine shall not be used as part of a demand response program using interruptible service contract in which a facility receives a payment or reduced rates in return for reducing its electric load on the grid when requested to do so by the utility or the grid operator.
7. The operator shall keep a log of engine operations documenting the total time the engine is operated each month and specific reason for operation as:
  - A. Emergency use.
  - B. Maintenance and testing.

**ORIGINAL**



PERMIT TO CONSTRUCT/OPERATE

C. Other (describe the reason for operating).

In addition, each time the engine is manually started, the log shall include the date of operation, the specific reason for operation, and the totalizing hour meter reading (in hours and tenths of hours) at the beginning and end of operation.

8. On or before January 15th of each year, the operator shall record in the engine operating log the following:

- A. The total hours of operation for the previous calendar year, and
- B. The total hours of engine operation for maintenance and testing for the previous calendar year.

Engine operating log shall be retained on site for a minimum of three calendar years and shall be made available to the Executive Officer or representative upon request.

9. This engine shall comply with all applicable requirements of Rule 431.2, 1470 and 1472.

10. This engine shall comply with the following emission limits:

NMHC + NOx:	4.80 g/bhp-hr
CO:	2.60 g/bhp-hr
PM:	0.15 g/bhp-hr

11. Sulfur content of diesel fuel supplied to the engine shall not exceed 15 ppm by weight.

ORIGINAL





South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178

**PERMIT TO CONSTRUCT/OPERATE**

Page 3  
Permit No.  
G73658  
A/N 645978

**NOTICE**

In accordance with Rule 206, this Permit to Operate or copy shall be posted on or within 8 meters of the equipment.

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Executive Officer

BY JASON ASPELL/GV04

9/20/2023

**ORIGINAL**



South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178

**PERMIT TO CONSTRUCT/OPERATE**

Page 1  
Permit No.  
G736S9  
A/N 645979

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for the annual renewal fee (Rule 301(d)) is not received by the expiration date, contact the District.

Legal Owner  
or Operator:

AMAZON.COM SERVICES LLC - SBD1  
P.O. BOX 80842  
SEATTLE, WA 98108-0842

ID 192999

Equipment Location: 3388 S CACTUS AVE, BLOOMINGTON, CA 92316

Equipment Description :

INTERNAL COMBUSTION ENGINE, VOLVO PENTA, MODEL NO. TWD1673GE, DIESEL-FUELED, 6-CYLINDER, TURBOCHARGED AND AFTERCOOLED, RATED AT 919 BHP (685 kW), DRIVING AN EMERGENCY ELECTRICAL GENERATOR, EG3.

Conditions :

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall be properly maintained and kept in good operating condition at all times.
3. An operational non-resettable totalizing timer shall be installed and maintained to indicate the engine elapsed operating time.
4. This engine shall not be operated more than 200 hours in any one year, which includes no more than 50 hours in any one year and no more than 4.2 hours in any one month for maintenance and testing purposes.
5. Operating beyond the 50 hours per year allotted for maintenance and testing purposes shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage. Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.
6. This engine shall not be used as part of a demand response program using interruptible service contract in which a facility receives a payment or reduced rates in return for reducing its electric load on the grid when requested to do so by the utility or the grid operator.
7. The operator shall keep a log of engine operations documenting the total time the engine is operated each month and specific reason for operation as:
  - A. Emergency use.
  - B. Maintenance and testing.

**ORIGINAL**



PERMIT TO CONSTRUCT/OPERATE

C. Other (describe the reason for operating).

In addition, each time the engine is manually started, the log shall include the date of operation, the specific reason for operation, and the totalizing hour meter reading (in hours and tenths of hours) at the beginning and end of operation.

8. On or before January 15th of each year, the operator shall record in the engine operating log the following:

- A. The total hours of operation for the previous calendar year, and
- B. The total hours of engine operation for maintenance and testing for the previous calendar year.

Engine operating log shall be retained on site for a minimum of three calendar years and shall be made available to the Executive Officer or representative upon request.

9. This engine shall comply with all applicable requirements of Rule 431.2, 1470 and 1472.

10. This engine shall comply with the following emission limits:

NMHC + NOx:	4.80 g/bhp-hr
CO:	2.60 g/bhp-hr
PM:	0.15 g/bhp-hr

11. Sulfur content of diesel fuel supplied to the engine shall not exceed 15 ppm by weight.

ORIGINAL



South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178

**PERMIT TO CONSTRUCT/OPERATE**

Page 3  
Permit No.  
G73659  
A/N 645979

**NOTICE**

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Executive Officer

A handwritten signature in black ink, appearing to read "J Aspell".

BY JASON ASPELL/GV04

9/20/2023

**ORIGINAL**



South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178  
**PERMIT TO CONSTRUCT/OPERATE**

Page 1  
Permit No.  
G73660  
A/N 645980

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for the annual renewal fee (Rule 301(d)) is not received by the expiration date, contact the District.

Legal Owner  
or Operator:

AMAZON.COM SERVICES LLC - SBD1  
P.O. BOX 80842  
SEATTLE, WA 98108-0842

ID 192999

Equipment Location: 3388 S CACTUS AVE, BLOOMINGTON, CA 92316

Equipment Description :

INTERNAL COMBUSTION ENGINE, VOLVO PENTA, MODEL NO. TWD1673GE, DIESEL-FUELED, 6-CYLINDER, TURBOCHARGED AND AFTERCOOLED, RATED AT 919 BHP (685 kW), DRIVING AN EMERGENCY ELECTRICAL GENERATOR, EG4.

Conditions :

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall be properly maintained and kept in good operating condition at all times.
3. An operational non-resettable totalizing timer shall be installed and maintained to indicate the engine elapsed operating time.
4. This engine shall not be operated more than 200 hours in any one year, which includes no more than 50 hours in any one year and no more than 4.2 hours in any one month for maintenance and testing purposes.
5. Operating beyond the 50 hours per year allotted for maintenance and testing purposes shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage. Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.
6. This engine shall not be used as part of a demand response program using interruptible service contract in which a facility receives a payment or reduced rates in return for reducing its electric load on the grid when requested to do so by the utility or the grid operator.
7. The operator shall keep a log of engine operations documenting the total time the engine is operated each month and specific reason for operation as:
  - A. Emergency use.
  - B. Maintenance and testing.

ORIGINAL



PERMIT TO CONSTRUCT/OPERATE

C. Other (describe the reason for operating).

In addition, each time the engine is manually started, the log shall include the date of operation, the specific reason for operation, and the totalizing hour meter reading (in hours and tenths of hours) at the beginning and end of operation.

8. On or before January 15th of each year, the operator shall record in the engine operating log the following:
- A. The total hours of operation for the previous calendar year, and
  - B. The total hours of engine operation for maintenance and testing for the previous calendar year.

Engine operating log shall be retained on site for a minimum of three calendar years and shall be made available to the Executive Officer or representative upon request.

9. This engine shall comply with all applicable requirements of Rule 431.2, 1470 and 1472.
10. This engine shall comply with the following emission limits:

NMHC + NOx:	4.80 g/bhp-hr
CO:	2.60 g/bhp-hr
PM:	0.15 g/bhp-hr

11. Sulfur content of diesel fuel supplied to the engine shall not exceed 15 ppm by weight.

ORIGINAL



South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178

**PERMIT TO CONSTRUCT/OPERATE**

Page 3  
Permit No.  
G73660  
A/N 645980

**NOTICE**

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Executive Officer

BY JASON ASPELL/GV04

9/20/2023

**ORIGINAL**



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If the billing for the annual renewal fee (Rule 301(d)) is not received by the expiration date, contact the District.

Legal Owner  
or Operator:

AMAZON.COM SERVICES LLC - SBD1  
P.O. BOX 80842  
SEATTLE, WA 98108-0842

ID 192999

Equipment Location: 3388 S CACTUS AVE, BLOOMINGTON, CA 92316

Equipment Description :

Internal Combustion Engine, John Deere, Model No. 6090HFC47B, 399 BHP, Diesel Fueled, 6 Cylinders, Four-Cycle, Turbocharged and Aftercooled, driving a Fire Pump.

Conditions :

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall be properly maintained and kept in good operating condition at all times.
3. An operational non-resettable totalizing meter shall be installed and maintained to indicate the engine elapsed operating time.
4. This engine shall not be operated more than 200 hours in any one year, which includes no more than 50 hours in any one year for maintenance and testing purposes and 4.2 hours in any one month for maintenance and testing purposes including testing to comply with requirements of the National Fire Protection Association (NFPA).
5. Operating beyond the 50 hours per year allotted for maintenance and testing purposes shall be allowed only in the event of an emergency firefighting operation.
6. The operator shall keep a log of engine operations documenting the total time the engine is operated each month and specific reasons for operation as:
  - A. Emergency use.
  - B. Maintenance and testing.
  - C. Other (describe the reason for operating).

In addition, each time the engine is manually started, the log shall include the date of operation, the specific reason for operation, and the totalizing hour meter reading (in hours and tenths of hours) at the beginning and end of operation.

7. On or before January 15th of each year, the operator shall record in the engine operating log the following:



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Certified Copy





**PERMIT TO CONSTRUCT/OPERATE**

- A. The total hours of operation for the previous calendar year; and,
- B. The total hours of engine operation for maintenance and testing for the previous calendar year.

The engine operating log shall be retained on site for a minimum of five calendar years and shall be made available to the Executive Officer or representative upon request.

8. This engine shall comply with all applicable requirements of Rule 431.2 and Rule 1470.

9. This engine shall comply with the following emission limits:

NHMC+NO <sub>x</sub> :	3.0	g/BHP-hr
CO:	2.6	g/BHP-hr
PM:	0.15	g/BHP-hr

10. Sulfur content of diesel fuel supplied to the engine shall not exceed 15 ppm by weight.

11. This permit shall expire if construction of this equipment is not complete within one year from the date of issuance of this permit unless an extension is granted in writing by the Executive Officer





South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178

Page 3  
Permit No.  
G63029  
AN 623969

**PERMIT TO CONSTRUCT/OPERATE**

**NOTICE**

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Executive Officer

BY AMIR DEJBAKISHI/EC01

9/29/2020



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