

'22MAY20 PM 2:33 APCD

April 20, 2022

Permit Processing  
San Diego APCD  
10124 Old Grove Road  
San Diego, CA 92131

Subject: **Application for Title V Permit Renewal  
Escondido Energy Center, LLC (Site ID # APCD2000-SITE-03769)**

To whom it may concern,

Escondido Energy Center, LLC (EEC) is an electrical generation facility operating a 46.5 MW simple-cycle electrical power generating system. With this application, EEC is requesting renewal of its Title V Permit to Operate (Permit APCD2007-TVP-978478) which expires on June 17, 2023. The current permit to operate is enclosed with the application forms.

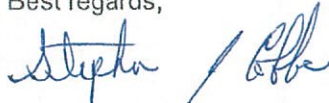
We request the following changes be incorporated into the revised Title V Permit:

- The Site ID listed on the Permit to Operate for the gas turbine should be corrected to APCD2009-SITE-03769
- The street address on the Title V permit should be corrected to 1968 Don Lee Place.

A check in the amount of \$8,441.00 is enclosed for processing of the enclosed application package.

Should you or your staff have any questions concerning this proposal or need additional information, please do not hesitate to contact me (619.579.9002 or [scobbe@wellhead.com](mailto:scobbe@wellhead.com)) or our consultant, Scott Weaver of Ramboll US Consulting (213.943.6360 or [msweaver@ramboll.com](mailto:msweaver@ramboll.com)).

Best regards,



Stephen J. Cobbe

Enclosures

Cc: Paul Cummins, Wellhead Electric (Sacramento, CA)  
Scott Weaver, Ramboll US Consulting (Los Angeles, CA)

2000

**ATTACHMENT A  
APPLICATION FORMS**

Internal Use Only	
APP ID: APCD	-APP/CER-
SITE ID: APCD	-SITE-

**GENERAL PERMIT OR  
REGISTRATION  
APPLICATION FORM**



Submittal of this application does not grant permission to construct or to operate equipment except as specified in Rule 24(c).

**REASON FOR SUBMITTAL OF APPLICATION:**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> New Installation  | <input type="checkbox"/> Existing Unpermitted Equipment or Rule 11 Change        | <input type="checkbox"/> Modification of Existing Permitted Equipment                      |
| <input type="checkbox"/> Amendment to Existing Authority to Construct or Application | <input type="checkbox"/> Change of Equipment Location                            | <input type="checkbox"/> Change of Equipment Ownership (please provide proof of ownership) |
| <input type="checkbox"/> Change of Permit Conditions                                 | <input type="checkbox"/> Change Permit to Operate Status to Inactive             | <input type="checkbox"/> Banking Emissions   |
| <input type="checkbox"/> Registration of Portable Equipment                          | <input checked="" type="checkbox"/> Other (Specify) Title V Permit Renewal _____ |  |

List affected APP/PTO Record ID(s): APCD2014-PTO-002082 APCD2007-TVP-978478

**APPLICANT INFORMATION**

Name of Business (DBA) Escondido Energy Center, LLC

Does this organization own or operate any other APCD permitted equipment at this or any other adjacent locations?  Yes  No

If yes, list assigned Site Record IDs listed on your Permits \_\_\_\_\_

Name of Legal Owner (if different from DBA) \_\_\_\_\_

**Equipment Owner**

**Authority to Construct Mailing Address**

Name: Escondido Energy Center, LLC	Name: Escondido Energy Center, LLC
Mailing Address: 650 Bercut Drive, Suite C	Mailing Address: 1968 Don Lee Place
City: Sacramento State: CA Zip: 95811	City: Escondido State: CA Zip: 92029
Phone: (916) 447-5171	Phone: (619) 579-9002
E-Mail Address: pcummins@wellhead.com	E-Mail Address: scobbe@wellhead.com

**Permit To Operate Mailing Address**

**Invoice Mailing Address**

Name: Escondido Energy Center, LLC	Name: Escondido Energy Center, LLC
Mailing Address: 1968 Don Lee Place	Mailing Address: 650 Bercut Drive, Suite C
City: Escondido State: CA Zip: 92029	City: Sacramento State: CA Zip: 95811
Phone: (619) 579-9002	Phone: (916) 447-5171
E-Mail Address: scobbe@wellhead.com	E-Mail Address: accountspayable@wellhead.com

**EQUIPMENT/PROCESS INFORMATION:** Type of Equipment:  Stationary  Portable, *if portable please enter below the equipment storage address.* If portable, will operation exceed 12 consecutive months at the same location  Yes  No

Equipment Location Address 1968 Don Lee Place City Escondido State: CA

Parcel No. 228-381-7800 Zip 92029 Phone (619) 579-9002 E-mail: scobbe@wellhead.com

Site Contact Stephen J. Cobbe Phone (619) 579-9002

General Description of Equipment/Process Simple cycle natural gas fired turbine, 46.5 MW

Application Submitted by  Owner  Operator  Contractor  Consultant Affiliation \_\_\_\_\_

**EXPEDITED APPLICATION PROCESSING:**  I hereby request Expedited Application Processing and understand that:

- a) Expedited processing will incur additional fees and permits will not be issued until the additional fees are paid in full (see Rule 40(d)(8)(iv) for details) b) Expedited processing is contingent on the availability of qualified staff c) Once engineering review has begun this request cannot be cancelled d) Expedited processing does not guarantee action by any specific date nor does it guarantee permit approval.

I hereby certify that all information provided on this application is true and correct.

SIGNATURE Paul Z. Cummins Date May 16, 2022

Print Name Paul Z. Cummins Company Escondido Energy Center, LLC

Phone (916) 447-5171 E-mail Address pcummins@wellhead.com

**Internal Use Only**

Date _____	Staff Initials: _____	Amt Rec'd \$ _____	Fee Schedule _____
RNP: _____	EMF: _____	NBF: _____	TA: _____

GEN\_APP\_Form\_Rev Date: Aug. 2017

# GENERAL PERMIT OR REGISTRATION APPLICATION INSTRUCTIONS



## GENERAL

The owner or designated agent must complete and sign this form and file it with one copy of all attachments, required supplementary forms, drawings and the appropriate fee.

The appropriate fee (payable to “County of San Diego APCD”) must be submitted with this Permit/Registration Application. Application processing will not begin until the full required fee has been received. Excess fees will be refunded upon completion of the application process. If you do not know the appropriate fee or need to discuss the information required, please contact the District at (858) 586-2600 and ask for assistance in determining an application fee.

## REASON FOR SUBMITTAL OF APPLICATION

- New Installation - check if you are installing equipment that does not currently have a District Permit to Operate (PTO)
- Existing Unpermitted Equipment or Rule 11 Change - check if applying for installed existing equipment that is currently unpermitted or equipment that is now subject to District Rules due to Rule 11 changes
- Modification of Existing Permitted Equipment - check if you are making a change to equipment with a current District Permit to Operate. (List affected PTO Record ID(s) – Note: PTO Record ID Format: APCD2015-PTO-123456)
- Amendment to Existing Authority to Construct or Permit/Registration Application - check this line if you are amending a previously submitted application form or if amending a current Authority to Construct. (List affected Application Record ID(s) Application Record ID Format: APCD2015-APP-123456)
- Change of Equipment Location - check if you are moving non-portable equipment with a current District Permit to Operate. (List affected PTO Record IDs)
- Change of Equipment Ownership - check if you are now the owner of equipment with a current District Permit to Operate under a different owner. **Provide proof of ownership with application.** (List affected PTO Record ID(s))
- Change of Permit Conditions - check if equipment with a current Permit to Operate requires changes to the existing operating conditions. (List affected PTO Record ID(s) on line 12)
- Change Permit to Operate Status to Inactive - check if you wish to maintain your current Permit to Operate but are not going to operate the equipment. (List affected PO #(s))
- Banking Emissions - check if you are retiring equipment with a current District Permit to Operate and wish to bank the emissions for future credits. (List affected PTO Record ID(s) on)
- Registration of Portable Equipment - check this line if you are applying for registration of portable equipment
- Other - check for any action not covered
- List affected Application/PTO Record ID(s) - if the application being submitted is for an existing operation please listed the affected permits

## APPLICANT INFORMATION

Please enter the requested addresses, including the mailing address to be used to send the Authority to Construct, Permit to Operate, and invoices

## EQUIPMENT/PROCESS INFORMATION

Check Stationary (e.g. gasoline service site, dry cleaning facility, etc.) or Portable (abrasive blast pot, roofing kettle, etc.) depending upon the type of equipment for which you are filing an application. Also check Yes if the equipment is portable and will operate more than 180 consecutive days at a single site. Otherwise, check No.

Please enter the location where the equipment is or will operate if this application is for a stationary source. If the application is for a portable operation please enter the address that will be used to store the portable unit

## INDEMNIFICATION

In accordance with District Rule 40(d)(8)(vi), the applicant, to the extent the applicant is at fault in causing liability to the District, shall indemnify the District (including its agents, officers and employees) from any claim, action, liability, or proceeding to attack, set aside, void or annul the applicant’s project or any of the proceedings, acts or determinations taken, done or made as a result of the District’s processing and/or approval of the project. The applicant's obligation to indemnify shall include, but not be limited to, payment of all court costs and attorneys' fees, costs of any judgments or awards against the District, damages, and/or settlement costs, which arise out of the District’s processing and/or approval of the applicant’s project, except that an applicant shall only be responsible for indemnifying the District according to the proportion of fault caused by the applicant, as determined by a court. By signing and submitting this application, an applicant agrees to such indemnification.

**SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT  
APPLICATION FEE ESTIMATE**

Applicant Site ID/EIF ID:	APCD2000-SITE-03769	APCD2007-TVP-978478
Applicant DBA:	Escondido Energy	Fee Schedule: TV
		Reason for Submittal: Title V
APCD Engineer:	Nick Horres	Existing Site? Yes
Equipment Description:	To renew a Title V permit for a gas turbine electrical generating facility	
		Estimate Date: 4/4/2022

ACTIVITY	EMPLOYEE CLASSIFICATION	LABOR HOURS	COST	SUBTOTAL	
<b>Initial Evaluation Fee - T&amp;M (Rule 40(d)(3)(i))</b>					
Authority to Construct	Project Engineer		\$0.00		ETM
	Senior Engineer		\$0.00	\$0.00	
Permit to Operate	Project Engineer		\$0.00		ETM
	Senior Engineer		\$0.00	\$0.00	
<b>T&amp;M Application - No Fixed Fee, see above</b>					
Authority to Construct/Permit to Operate		N/A	T+M	\$0.00	ETM
<b>Additional Evaluation and Processing Fees (Rule 40(d)(5))</b>					
New Source Review	Project Engineer		\$0.00		NSR
	Meteorologist		\$0.00	\$0.00	AQI
Prev. Significant Deterioration	Project Engineer		\$0.00	\$0.00	PSD
Toxics New Source Review (Health Risk Assessment)	Project Engineer		\$0.00		TNS
	Meteorologist		\$0.00		
	Air Resources Specialist		\$0.00		
	HRA Base Estimate	N/A	\$0.00	\$0.00	
Title V	Project Engineer	40.0	\$7,880.00		TIV
	Senior Engineer	2.0	\$476.00	\$8,356.00	
NESHAPS/ATCM/NSPS	Project Engineer		\$0.00	\$0.00	HAP
CEQA	Project Engineer		\$0.00	\$0.00	CEQ
AB 3205 Notice	Project Engineer		\$0.00		AB3
	Public Notice Costs		\$0.00	\$0.00	
Equipment subject to Rule 11(a)(3)	Project Engineer		\$0.00		R51
	Senior Engineer		\$0.00	\$0.00	
H&SC 42301(a)	Project Engineer		\$0.00		HSC
	Senior Engineer		\$0.00	\$0.00	
Testing or Test Witness	Project Engineer		\$0.00		STF
	Senior Chemist		\$0.00		ad-hoc
	Associate Chemist		\$0.00		ad-hoc
	Source Test Technician		\$0.00		ad-hoc
Fixed Test Fee Sched.	NA	Fixed Testing Fees	\$0.00	\$0.00	ad-hoc
<b>Miscellaneous Fees</b>					
Processing Fee (Rule 40(d)(1)(ii))		1.0	\$85	\$85.00	EFX
Renewal Fee (Rule 40(e)(2)(ii))		N/A	N/A	\$0.00	REN
Emissions Fee (Rule 40(e)(2)(iv))			N/A	\$0.00	EMF

**NOTES:**

**ESTIMATE TOTAL: \$8,441.00**

- (1) To avoid possible processing delays, this document should be submitted with your application forms.
- (2) The fees contained in this estimate are based on APCD Rule 40. Final fee may be more or less than this estimate (see Rule 40(d)(1)(iii)).
- (3) Emissions determined to be greater than 5 tons per year will be charged a emission fee on a ton per year basis. (see Rule 40 (e)(2)(iv)(A))
- (4) Fees paid by credit card will be assessed a 2.19% processing fee (see Rule 40(c)(5))
- (5) Federal government payments made through DFAS: Please reference the above Site ID Record number in your DFAS submittal.
- (6) This estimate is valid only for applications received by the District by June 30, 2022

San Diego County Air Pollution Control District  
 10124 Old Grove Road San Diego CA 92131-1649  
 (858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Stationary Source Summary (FORM 1401-A1)**

<b>Company Name</b> <u>Escondido Energy Center, LLC</u>	<b>District Use Only</b> NEDS # _____ SITE ID # _____
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**I. FACILITY IDENTIFICATION**

1. Facility Name (if different than company name): \_\_\_\_\_
2. Four digit SIC Code: 4911
3. Parent Company (if different than Company Name): Wellhead Electric
4. Mailing Address: 650 Bercut Drive, Suite C  
 City Sacramento State CA Zip 95811
5. Street Address or Source Location: 1968 Don Lee Place  
 City Escondido State CA Zip 92029
6. UTM Coordinates: Easting: 488562 Northing: 3665519
7. Source Located within 50 miles of a state line:  Yes  No (All sources are within 50 miles)
8. Source Located within 1000 feet of a school:  Yes  No
9. Type of Organization:  Corporation  Sole Ownership  Government  
 Partnership  Utility Company
10. Legal Owner's Name: Escondido Energy Center, LLC
11. Owner's Agent name (if any): \_\_\_\_\_
12. Responsible Official: Paul Z. Cummins
13. Plant Site Manager/Contact: Stephen J. Cobbe Phone #: (619) 579-9002 FAX #: (619) 579-9005
14. Application Contact: Stephen J. Cobbe
15. Type of Facility: Power plant
16. General description of processes/products: Simple cycle natural gas fired combustion gas turbine
17. Is a Federal Risk Management Plan (RMP) pursuant to Section 112(r) required?  Yes  No  
 (If application is submitted after RMP due date, attach verification that plan is registered with the appropriate agency.)

II. TYPE OF PERMIT ACTION (check)	CURRENT PERMIT (permit number)	EXPIRATION (date)
<input type="checkbox"/> Initial Title V Application	N/A	N/A
<input checked="" type="checkbox"/> Permit Renewal	APCD2007-TVP-978478, APCD2014-PTO-002082	June 17, 2023
<input type="checkbox"/> Significant Permit Modification		
<input type="checkbox"/> Minor Permit Modification		
<input type="checkbox"/> Administrative Amendment		

**III. DESCRIPTION OF PERMIT ACTION**

1. Does the permit action requested involve:
 

<input checked="" type="checkbox"/> Acid Rain Source	<input type="checkbox"/> Temporary Source	<input checked="" type="checkbox"/> Voluntary Emissions Caps
<input checked="" type="checkbox"/> CEMs	<input type="checkbox"/> Alternative Operating Scenarios	<input checked="" type="checkbox"/> Abatement Devices
<input type="checkbox"/> Outdated SIP Requirement Streamlining	<input type="checkbox"/> Permit Shield	
<input type="checkbox"/> Source Subject to MACT Requirements [Section 112]	<input type="checkbox"/> Multiple Applicable Requirement Streamlining	
<input type="checkbox"/> Source Subject to Enhanced Monitoring (40CFR64) [Compliance Assurance Monitoring]		
2. Is source operating under a Compliance Schedule?  Yes  No  Proposed
3. Is source operating under a Variance  Yes  No (If Yes, please attach variance information)
4. For permit modification, provide a general description of the proposed permit modification:  
N/A

**IV. SUPPLEMENTAL ATTACHMENTS\*:** \_\_\_\_\_

\* Means all attachments to the complete application.

San Diego County Air Pollution Control District  
 10124 Old Grove Road San Diego CA 92131-1649  
 (858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Stationary Source Summary (FORM 1401-A2)**

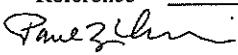
<b>Company Name</b> <u>Escondido Energy Center, LLC</u>	<b>District Use Only</b> NEDS # _____ SITE ID # _____
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**I. MAJOR SOURCE APPLICABILITY**

Check appropriate pollutant(s) for which you are a Major Source under Title V. Applicability is based on potential to emit. If more space is necessary, use additional forms. Please type or print legibly.

POLLUTANT	MAJOR SOURCE THRESHOLD TOTAL EMISSIONS, TPY	(check if appropriate)
VOC	100	<input type="checkbox"/>
PM <sub>10</sub>	100	<input type="checkbox"/>
SO <sub>2</sub>	100	<input type="checkbox"/>
NO <sub>x</sub>	100	<input type="checkbox"/>
CO	100	<input type="checkbox"/>
ODC	100	<input type="checkbox"/>
LEAD COMPOUNDS	10	<input type="checkbox"/>
<b>HAZARDOUS AIR POLLUTANTS</b>		
SINGLE HAP	10	<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
COMBINATION HAP	25	<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
Title IV Acid Rain facility		<input checked="" type="checkbox"/>

Attach all necessary calculations to this form as applicable. NOTE: Calculations are only needed if no Emission Inventory is on file with the District

Reference \_\_\_\_\_  
  
 Signature of Responsible Official  
Paul Z. Cummins  
 Print Name of Responsible Official  
Vice President  
 Title of Responsible Official

Inventory Year \_\_\_\_\_  
May 16, 2022  
 Date  
(916)447-5171  
 Telephone No. of Responsible Official

**II. EMISSIONS CALCULATIONS ATTACHED (as needed)**

Yes  No

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**DISTRICT USE ONLY**

Date Application Received: \_\_\_\_\_ Application # \_\_\_\_\_  
 Application Filing Fee: \_\_\_\_\_ District Received Stamp: \_\_\_\_\_  
 Receipt #: \_\_\_\_\_ Fee Code: \_\_\_\_\_

# CERTIFICATION STATEMENT

## ESCONDIDO ENERGY CENTER, LLC

1968 Don Lee Place

Escondido, California 92029

Certification Statement for the following California Accidental Release Prevention (CalARP) Program Level 1 Process:

- Aqueous Ammonia Storage for NOx Reduction System

Regulated Substance managed at the facility:

- 19% Aqueous Ammonia

Based on the criteria in Section 2735.4 of Title 19 of CCR, the distance to the specified endpoint for the worst-case accidental release scenario for the covered process is less than the distance to the nearest receptor. Within the past five years, the process has had no accidental release that caused off-site impacts provided in the risk management program Section 2735.4 (c) (1). No additional measures are necessary to prevent off-site impacts from accidental releases. In the event of fire, explosion, or a release of a regulated substance for the process, entry within the distance to the specified endpoints may pose a danger to public emergency responders. Therefore, public emergency responders should not enter this area except as arranged with the emergency contact indicated in the RMP.

To the best of the undersigned's knowledge, information, and belief formed after reasonable inquiry, the information submitted here is true, accurate, and complete.

  
Signature

STEPHEN J COBBE  
Print Name

PLANT MANAGER  
Title

6/7/2018  
Date



San Diego County Air Pollution Control District  
 10124 Old Grove Rd., San Diego, CA 92131  
 (858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Insignificant Activity List (FORM 1401-G)**

<p style="text-align: center;"><b>Company Name</b></p> <p style="text-align: center;">Escondido Energy Center, LLC</p> <hr/> <p>Facility Address: 1968 Don Lee Place, Escondido, CA 92029</p>	<p style="text-align: center;"><b>District Use Only</b></p> <p>NEDS # _____</p> <p>SITE ID # _____</p>
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**LIST OF EQUIPMENT – INSIGNIFICANT ACTIVITIES**

Place a check mark in the appropriate box for equipment that is considered an insignificant activity based on throughput or equipment capacity.

**Exemptions based on Size (Capacity)**

	<u>Appendix A Citation</u>
<input type="checkbox"/> Stationary & portable internal combustion engines with $\leq 50$ bhp output rating	(d)(1)(iii)
<input type="checkbox"/> Stationary gas turbines with a power rating of $< 0.3$ megawatt (MW) or a maximum gross heat input rating of 1 million BTUs per hour	(d)(1)(iv)
<input type="checkbox"/> Water cooling towers & ponds with a capacity $< 10,000$ gal/min not used for evaporative cooling of process water or not used for evaporative cooling of water, contaminated water or industrial waste water from barometric jets or from barometric condensers.	(d)(2)
<input type="checkbox"/> Fuel-burning equipment with a maximum gross heat input rate of $< 1$ million Btu/hour when not part of a process, process line, line, equipment, article, machine or other contrivance for which a permit to operate is required by these Rules and Regulations	(d)(4)(i)
<input type="checkbox"/> Fuel burning equipment with a maximum gross heat input of $< 20$ million Btu/hour, and fired exclusively with natural gas and/or liquefied petroleum gas	(d)(4)(ii)
<input type="checkbox"/> Steam boilers, process heaters, and steam generators with a maximum gross heat input of $< 5$ million Btu/hour	(d)(4)(iii)
<input type="checkbox"/> Crucible-type or pot-type furnaces with a brimful capacity of $< 450$ in <sup>3</sup> of any molten metal	(d)(12)
<input type="checkbox"/> Crucible, pot or induction furnaces with a capacity of $\leq 2500$ in <sup>3</sup> , in which no sweating or distilling is conducted and from which only non-ferrous metals except yellow brass, are poured or non-ferrous metals are held in a molten state	(d)(13)
<input type="checkbox"/> Dry batch mixers with $\leq 0.5$ cubic yards rated working capacity	(d)(27)
<input type="checkbox"/> Batch mixers (wet) with $\leq 1$ cubic yard capacity where no organic solvents, diluents or thinners are used.	(d)(28)
<input type="checkbox"/> Roofing kettles (used to heat asphalt) with a capacity of $\leq 85$ gallons	(d)(33)
<input type="checkbox"/> Abrasive blasting equipment with a manufacturer's-rated sand capacity of $< 100$ lbs or $< 1$ ft <sup>3</sup>	(d)(34)
<input type="checkbox"/> Paper shredders and paper disintegrators that have a capacity of 600 pounds per hour or less, and the associated conveying systems and baling equipment.	(d)(41)
<input type="checkbox"/> Ovens having an internal volume of $\leq 27$ ft <sup>3</sup> in which organic solvents or materials containing organic solvents are charged	(d)(59)
<input type="checkbox"/> Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks with a liquid surface area of $\leq 1.0$ ft <sup>2</sup>	(d)(61)(i)
<input type="checkbox"/> Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks which have a maximum capacity of $\leq 1$ gallon	(d)(61)(ii)

**TITLE V APPLICATION**  
**Insignificant Activity List (FORM 1401-G)**

**Continued - Exemptions based on Size (Capacity)**

<u>(Condensed Language of Rule)</u>	<u>Appendix A Citation</u>
<input type="checkbox"/> Stationary organic compound storage tanks with a capacity of $\leq$ 250 gallons	(e)(1)
<input type="checkbox"/> Liquid surface coating application operations using hand-held brushes for application of a primer coating from containers of $\leq$ eight (8) ounces in size, to fasteners to be installed on aerospace parts	(h)(5)
<input type="checkbox"/> Liquid surface coating application operations using air brushes with a coating capacity of $\leq$ 2 ounces for the application of a stencil coating	(h)(6)
<input type="checkbox"/> Metal inspection tanks that: a) do not utilize a suspension of magnetic or fluorescent dye particles in volatile organic solvent, and b) have a liquid surface area $< 5 \text{ ft}^2$ and c) are not equipped with spray type flow or a means of solvent agitation	(o)(5)
<input type="checkbox"/> Bakery ovens used for baking yeast leavened products where the combined rated heat input capacity is $< 2$ million Btu/hr	(o)(37)

**Exemptions based on Production Rates (Emission Limits)**

<input type="checkbox"/> Printing or graphic arts presses located at a stationary source which emits a total of $< 15$ lbs/day of VOC's subject to Rule 67.16, on each day of operation	(d)(7)
<input type="checkbox"/> Solder levelers, hydrosqueegees, wave solder machines, and drag solder machines which use $< 10$ lbs/day of any material containing VOCs	(d)(23)
<input type="checkbox"/> Fire extinguishing equipment, using halons with a charge of $< 50$ lbs. of a Class I or Class II ozone depleting compound.	(d)(31)
<input type="checkbox"/> Coffee roasting equipment with a manufacturer's rating of $\leq 15$ lbs/hr	(d)(45)
<input type="checkbox"/> Equipment used to manufacture bio-agricultural products for exclusive use in field testing required to obtain FDA, EPA, USDA and /or Cal-EPA approval, provided the uncontrolled emissions of VOCs from all such operations $< 5$ ton/yr.	(d)(49)(iii)
<input type="checkbox"/> Oil quenching tanks which use $< 20$ gal/yr of make-up oil	(d)(56)
<input type="checkbox"/> Equipment that is used to conduct research and develop new or improved processes/products, and is operated by technically trained personnel under the supervision of a research director, and is not used in the manufacture of products for sale or exchange for commercial profit, and all emissions are $< 15$ lbs/day.	(d)(48)
<input type="checkbox"/> Powder coating operations, except metalizing gun operations, where surface preparation or cleaning solvent usage is $< 0.5$ gal/day	(d)(62)
<input type="checkbox"/> Equipment used to transfer fuel to & from amphibious ships for maintenance purposes, provided total annual transfers $< 60,000$ gal/yr.	(f)(2)
<input type="checkbox"/> Stationary storage tanks (excluding tanks subject to Rule 61.9) used exclusively for the storage of liquid organic solvents used as dissolvers, viscosity reducers, reactants, extractants, cleaning agents or thinners provided that emissions $< 15$ lbs/day.	(e)(3)
<input type="checkbox"/> Liquid surface coating or adhesive application operations (portable or stationary) where not more than 20 gallons per year of material containing organic compounds are applied	(h)(1)
<input type="checkbox"/> Liquid surface coating application operations exclusively using materials with a VOC content of $< 20$ g/L where $< 30$ gal/day of such materials are applied.	(h)(2)
<input type="checkbox"/> Foam manufacturing or application operations which emit $< 5$ lbs/day of VOCs	(i)(1)
<input type="checkbox"/> Reinforced plastic fabrication operations using resins such as epoxy and/or polyester which emit $< 5$ lbs/day of VOCs	(i)(2)
<input type="checkbox"/> Plastics manufacturing or fabrication operations which emit $< 5$ lbs/day of VOCs	(i)(3)
<input type="checkbox"/> Cold solvent degreasers used for educational purpose and which emit $< 5$ lbs/day of VOCs	(i)(4)

**TITLE V APPLICATION**  
**Insignificant Activity List (FORM 1401-G)**

- |                                     |  |             |
|-------------------------------------|--|-------------|
| <input type="checkbox"/>            | Golf grip application stations which exclusively use liquid materials with an initial boiling point of 450°F (232°C), or greater and which emit < 5 lbs/day of VOCs.   | (i)(5)      |
| <input type="checkbox"/>            | Batch-type waste-solvent recovery stills with batch capacity of ≤ 7.5 gallons for onsite recovery provided the still is equipped with a safety device & VOC emissions are < 5 lbs/day  | (i)(6)      |
| <input type="checkbox"/>            | Peptide and DNA synthesis operations which emit < 5 lbs/day of VOCs  | (i)(7)      |
| <input type="checkbox"/>            | Equipment used for washing or drying articles fabricated from metal, cloth, fabric or glass, provided that no organic solvent is employed in the process and that no oil or solid fuel is burned and none of the products being cleaned has residues of organic solvent and VOC emissions are <5 lbs/day | (i)(8)      |
| <input type="checkbox"/>            | Hot wire cutting of expanded polystyrene foam which emit < 5 lbs/day of VOCs.  | (i)(9)      |
| <input type="checkbox"/>            | Any coating and/or ink manufacturing operations located at a stationary source, which emit < 15 lbs/day of VOCs.   | (o)(9)      |
| <input type="checkbox"/>            | Any operation producing materials for use in cosmetic or pharmaceutical products and/or manufacturing cosmetic or pharmaceutical products by chemical processes, which emit < 15 lbs/day of VOCs   | (o)(12)     |
| <input checked="" type="checkbox"/> | Refrigeration units except those used as, or with, air pollution control equipment with a charge of < 50 lbs of a Class I or II ozone depleting compound.  | (o)(18)     |
| <input type="checkbox"/>            | Atmospheric organic gas sterilizer cabinets where ethylene oxide emissions are < 5 lbs/yr  | (o)(28)     |
| <input type="checkbox"/>            | Aerosol can puncturing/crushing operations which vents all emissions through a properly operated/maintained carbon canister, provided < 500 cans/day are processed.  | (o)(29)(ii) |
| <input type="checkbox"/>            | Solvent wipe cleaning operations using a container applicator that minimizes emissions to the air where the uncontrolled emissions of VOCs < 5 ton/yr, or the total purchase of solvents < 1,500 gal/yr, or the total purchase of solvents containing a single HAP < 350 gal/yr.                         | (o)(32)     |
| <input type="checkbox"/>            | Equipment approved for use by the EPA for recovering and/or recycling CFCs provided such equipment is charged with < 50 lbs. of a Class I or II ozone depleting compound.  | (o)(33)     |
| <input type="checkbox"/>            | Stationary IC engines rated at ≤ 200 bhp installed and operated before November 15, 2000, which operate < 200 hr/yr.   | (o)(34)(ii) |

San Diego County Air Pollution Control District  
 10124 OLD GROVE ROAD SAN DIEGO CA 92131-1649  
 (858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1)**

Company Name <u>Escondido Energy Center, LLC</u>	District Use Only NEDS # _____ SITE ID # _____
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APPLICABLE REQUIREMENTS: Applicable requirements which apply to an entire facility are listed first. The applicant should check appropriate boxes on the form and attach emission unit specific permit number lists where necessary. Where streamlining is employed, note on this form. If information does not fit in the space allotted, attach documentation and reference it on this form. Type or print legibly.

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring Records, Reports, Rule Section	Facility	Turbine											Future Effective Date
<b>Facility Applicable Requirement Description</b>																
10(a)	Permits Required – (a) Authority to Construct			X	X											
10(b)	Permits Required – (b) Permit to Operate			X	X											
19	Provision of Sampling & Testing Facilities			X	X											
19.2	Continuous Emission Monitoring Requirements				X											
19.3	Emission Information			X												
NSR	New Source Review			X	X											
PSD	Prevention of Significant Deterioration															
21	Permit Conditions			X	X											
50	Visible Emissions			X	X											
51	Nuisance			X	X											
60	Circumvention			X												
67.0	Architectural Coatings	(g)														
67.17	Storage of Materials Containing VOC	(e)														
71	Abrasive Blasting															
98	Breakdown Conditions: Emergency Variance			X	X											
101	Burning Control			X												
131	Stationary Source Curtailment Plan			X												
132	Traffic Abatement Plan															

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Turbine														Future Effective Date
<b>Equipment Specific Applicable Requirement Description</b>																			
50	Visible Emissions			X	X														
51	Nuisance			X	X														
52	Particulate Matter	Method 5		X	X														
53	Specific Contaminants	Method 5		X	X														
53.1	Scavenger Plants																		
54	Dust and Fumes	Method 5			X														
58	Incinerator Burning																		
59	Control of Waste Disposal – Site Emissions	(c)	(e) & (f)																
60	Circumvention																		
61.1	Receiving & Storing VOCs at Bulk Plants & Terminals	(d)	(c)(7)																
61.2	Transfer of VOCs into Mobil Transport Tanks	(c)(10)																	
61.3	Transfer of VOCs into Stationary Storage Tanks		(c)(2)(iii)																
61.3.1	Transfer Of Gasoline Into Stationary Underground Storage Tanks (not in the SIP)	(h)	(g)																
61.4	Transfer of VOCs into Vehicle Fuel Tanks																		
61.4.1	Transfer Of Gasoline From Stationary Underground Storage Tanks Into Vehicle Fuel Tanks (not in the SIP)	(g)	(f)																
61.5	Visible Emissions Standards for Vapor Control Equip.		VE																
61.7	Spillage & Leakage of VOCs																		
61.8	Certification Requirements for Vapor Control Equip.																		
62	Sulfur Content of Fuels				X														
64	Reduction of Animal Matter																		
66	Organic Solvents	(p)	(o)																
66.1	Misc. Surface Coating Operations & other Processes Emitting VOC (not in SIP)	(h)	(f)																
67.1	Alternative Emission Control Plans (AECPL)	(c)	(d)																
67.2	Dry Cleaning - Petroleum Solvent	(f)	(e)																
67.3	Metal Parts Coating	(g)	(f)																
67.4	Can & Coil Coating	(g)	(f)																
67.5	Paper, Film and Fabric Coating	(f)	(e)																

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Rule Section	Facility	Future Effective Date
67.6	Solvent Cleaning Operation	(f)			
67.6.1	Cold Solvent Cleaning and Stripping Operations	(g)	(f)		
67.7	Cutback & Emulsified Asphalt	(f)	(e)		
67.9	Aerospace Coating Operations	(g)	(f)		
67.10	Kelp Processing and Bio-Polymer Mfg.	(f)	(e)		
67.11	Wood Products Coating Operations (not in SIP)				

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Rule Section	Facility	Turbine	Future Effective Date
67.12	Polyester Resin Operations	(g)	(f)			
67.15	Pharmaceutical & Cosmetic Manufacturing	(e)				
67.16	Graphic Arts Operations	(g)	(f)			
67.17	Open VOC Containers	(c)				
67.18	Marine Coating Operations	(g)	(f)			
67.19	Coating and Printing Inks Mfg. Operations	(g)	(f)			
67.20	Motor Vehicle & Mobile Equipment Refinishing Operations					
67.21	Adhesive Material Application Operations					
67.22	Expandable Polystyrene Foam Products Manufacturing Operations (not in SIP)					
67.24	Bakery Ovens	(f)	(e)			
68	Fuel Burning Equipment - NOx			X		
69.2	Boilers	(f)	(e) & (g)			
69.3	Stationary Gas Turbine Engines - RACT	(f)	(e) & (g)	X		
69.3.1	Stationary Gas Turbine Engines - BARCT (not in SIP)	(f)	(e) & (g)	X		
69.4	Stationary Internal Combustion Engines - RACT	(f)	(e)			
69.4.1	Stationary Internal Combustion Engines - BARCT (not in SIP)	(f)	(e)			
70	Orchard Heaters					




















San Diego County Air Pollution Control District  
 10124 Old Grove Road San Diego CA 92131-1649  
 (858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Certification Statement (FORM 1401-I)**

Company Name	District Use Only
Escondido Energy Center, LLC	NEDS # _____
Facility Address: 1968 Don Lee Place, Escondido, CA 92029	SITE ID # _____

*Under penalty of perjury, identify the following: (Read each statement carefully and check each box for confirmation.)*

- | Applicable                          | Not<br>Applicable                   |  |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <i>Based on information and belief formed after reasonable inquiry, the source(s) identified in this application will continue to comply with the applicable requirement with which the source is in compliance. The applicable requirement(s) with which the source(s) is/are not in compliance is/are identified in Form 1401-L, Schedule of Compliance.</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <i>Based on information and belief formed after reasonable inquiry, the source(s) identified in this application will comply with the future-effective applicable requirement(s) on a timely basis.</i>  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <i>Based on information and belief formed after reasonable inquiry, the source(s) identified in the Schedule of Compliance application form that is/are not in compliance with the applicable requirement(s), will comply in accordance with the attached compliance plan schedule.</i>  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <i>Based on information and belief formed after reasonable inquiry, information on application forms, referenced documents, all accompanying reports, and other required certifications are true, accurate, and complete.</i>  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <i>All fees required by Regulation III, Rule 40 have been paid.</i>  |

  
 \_\_\_\_\_  
 Signature of Responsible Official  
 Paul Z. Cummins  
 \_\_\_\_\_  
 Print Name of Responsible Official  
 Vice President  
 \_\_\_\_\_  
 Title of Responsible Official

May 16, 2022  
 \_\_\_\_\_  
 Date  
 (916) 447-5171  
 \_\_\_\_\_  
 Telephone No. of Responsible Official









San Diego County Air Pollution Control District  
 10124 Old Grove Road San Diego CA 92131-1649  
 (858) 586-2600 FAX (858) 586-2601

<b>TITLE V APPLICATION</b> <b>Alternative Operating Scenario (FORM 1401-N)</b>
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Company Name <u>Escondido Energy Center, LLC</u>	<b>District Use Only</b> NEDS # _____ SITE ID # _____
Facility Address: <u>1968 Don Lee Place, Escondido, CA 92029</u>	

**SCENARIO WITH EMISSION CHANGES**

Give a title, a brief description, and an emission change. Attach calculations and detailed descriptions of each scenario to this form, using one form for each scenario. **Please type or print legibly.**

**Operating Scenario #** Not applicable. The facility is not applying for additional alternative operating scenarios.

<b>TITLE</b>	
<b>DESCRIPTION</b>	
<b>EMISSION CHANGE</b>	

Attach all necessary calculations, detailed descriptions, and proposed terms and conditions to this form.





**ATTACHMENT B  
CURRENT TV PERMIT**

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**San Diego County Air Pollution Control District**

10124 Old Grove Rd  
San Diego, CA 92131-1649  
(858) 586-2600

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**TITLE V OPERATING PERMIT  
APCD2007-TVP-978478**

**Issued To:**

Escondido Energy Center, LLC  
Site ID # APCD2000-SITE-03769

**Site Address**

1969 Don Lee Place  
Escondido, CA. 92029  
(619) 579-9002

**Mailing Address**

650 Bercut Dr, Suite C  
Sacramento, CA. 95811

**Responsible Official** – Paul Z. Cummins

**Facility Contact** – Stephen Cobbe

**Permit Information Contact** – Stephen Cobbe

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Issued by the San Diego County Air Pollution Control District on

6/18/18

This Title V Operating Permit expires on

6/17/23

Signed by:

Jim Swaney, P.E., Chief of Engineering

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## **PREAMBLE**

This Title V Operating Permit consists of this document and all appendices, including District permits incorporated by reference. The facility is subject to all applicable requirements identified within this permit, unless a specific permit shield is specified within this permit. If an applicable requirement is omitted from this permit, the facility is still obligated to comply with such an applicable requirement. The permittee must comply with all of the terms listed in each section of this permit.

This permit contains five major sections: Section I contains the Regulation XIV requirements required to carry out the Title V Operating Permit program. Section II contains the requirements that are applicable to the facility on a facility-wide basis. Section III contains the requirements that are applicable to individual emission units which have been issued District permits or District registration, or which have been determined to be insignificant emission units. Section IV contains terms and requirements pertaining to variance procedures and compliance schedules, if applicable to the facility. Section V contains three appendices. Appendix A contains all the District permits incorporated within this permit. Appendix B contains a table of all SIP approved and District approved rules. Appendix C contains a list of abbreviations used within this permit.

Copies of the Rules and Regulations of the Air Pollution Control District of San Diego County and the Rules and Regulations for San Diego County contained in the State Implementation Plan (SIP) approved by EPA may be obtained at the District. Copies are also available for review at the following locations:

SD Air Pollution Control District (Library & Public Review Area)	County of SD Law Library (Downtown)	County of SD Law Library (North County)
10124 Old Grove Rd	1105 Front St.	325 S. Melrose Suite 300
San Diego, CA 92131-1649	San Diego, CA 92101	Vista, CA 92083
(858) 586-2600	(619) 531-3900	(760) 940-4386

The current Rules and Regulations of the Air Pollution Control District of San Diego County may also be viewed and downloaded using the following internet address:

[www.sdapcd.org](http://www.sdapcd.org)

The following addresses should be used to submit any certifications, reports or other information required by this permit:

SD Air Pollution Control District Compliance Division 10124 Old Grove Rd San Diego, CA 92131-1649	USEPA Region IX Director of the Air Division Attn: Air-3 75 Hawthorne Street San Francisco, CA 94105
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## **SECTION I. REGULATION XIV PERMIT REQUIREMENTS**

### **A. ADMINISTRATIVE PERMIT TERMS**

1. This Title V Operating Permit expires 5 years from date of issuance. [Rule 1410]
2. Commencing or continuing operation under this permit to operate shall be deemed acceptance of all terms and conditions specified within this permit. This does not limit the right of the applicant to seek judicial review or seek federal EPA review of a permit term or condition. [Rule 1421]
3. This permit may be modified, revoked, reopened and reissued, or terminated by the District for cause. [Rule 1421]
4. The filing of a request by the facility for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay the applicability of any permit condition. [Rule 1421]
5. This permit does not convey any property rights of any sort, or any exclusive privilege. [Rule 1421]
6. The need for the permittee to halt or reduce a permitted activity in order to maintain compliance with any term or condition of this permit shall not be a defense for any enforcement action brought as a result of a violation of any such term or condition. [Rule 1421]
7. In the event of challenge to any portion of this permit, the rest of the permit remains valid. [Rule 1421]
8. For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any applicable requirement in this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. [Rule 1421]

### **B. RENEWAL REQUIREMENTS AND TERMS**

1. The permittee shall submit a complete application for renewal of this permit to the Air Pollution Control Officer at least 12 months, but not more than 18 months, prior to permit expiration. [Rule 1410]
2. If an administratively complete application for renewal of this permit has been submitted to the Air Pollution Control Officer within the timeframe specified in Section I.B.1. , the terms and conditions of this permit shall remain in effect and the source may continue operations under these terms and conditions until the Air Pollution Control Officer issues or denies the permit renewal. [Rule 1410]

**C. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS**

1. The permittee shall provide the District access to the facility and all equipment subject to this permit, and access to all required records pursuant to California Health and Safety Code Section 41510. [Rule 1421]
2. The permittee shall maintain all records required by this permit including any calibration, maintenance, and other supporting information and copies of all reports required by this permit for at least five (5) years from their date of creation. Such records shall be maintained on-site for a minimum of three years. This requirement controls and supersedes any other record retention requirement under this permit as it pertains to, and is required by, District Rule 1421 and Title V of the Clean Air Act. [Rule 1421]
3. Records required by this permit shall be considered as being maintained "on-site" if records for the previous 12-month period are available at the stationary source and any additional records are maintained at a location to be specified by the source and made readily available to the District upon request. [Rule 21]
4. The permittee shall submit monitoring and recordkeeping summary reports and all other monitoring and recordkeeping reports required by this permit to the District every six months, unless a shorter time frame is required by a specific permit condition contained in Section III of this permit. Unless other dates are specified in Section III, reports for data required to be collected from January 1 through June 30, shall be submitted no later than September 1 of the calendar year, and reports for data required to be collected from July 1 through December 31, shall be submitted no later than March 1 of the following calendar year. The report for the final six months of the year may be consolidated with the annual compliance certification required below. All instances of noncompliance from federally enforceable applicable requirements shall be clearly identified in these reports. (Timely completion of District Certification Reports Form J1 and Form J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.) [Rule 1421]
5. Each calendar year, the permittee shall submit to the District and to the federal EPA an annual compliance certification, in a manner and form approved in writing by the District, for the previous calendar year that includes the identification of each applicable term or condition of the final permit for which the compliance status is being certified, the compliance status and whether the facility was in continuous or intermittent compliance during the previous calendar year, identification of the method used to determine compliance during the previous calendar year, and any other information required by the District to determine the compliance status. The annual compliance certification for a calendar year shall be submitted no later than March 1 of the following calendar year and may be consolidated with the monitoring and recordkeeping report for the last six months of the year for which compliance is certified. (Timely completion of District Certification Reports Form J1 and Form J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.) [Rule 1421]
6. Any report submitted to the District or federal EPA pursuant to this permit to comply with a federally enforceable applicable requirement, shall be certified by a responsible official stating that, based on information and belief formed after reasonable inquiry, the report is true, accurate and complete. [Rule 1421]

7. The permittee shall make any trade secret designations of records, documents, or other information submitted to the District or federal EPA in accordance with District Rule 176. [Rule 176]
8. The permittee shall report all deviations from any and all federally enforceable permit terms and conditions including: (a) breakdowns, whether or not they result in excess emissions, (b) deviations that result in excess emissions of any regulated air pollutant, and (c) deviations from monitoring, recordkeeping, reporting and other administrative requirements that do not result in excess emissions. For deviations that result from breakdowns under District Rule 98, the permittee shall report the breakdown within two hours of detection of the breakdown and provide a follow-up written report after corrective actions have been taken. For deviations not due to a breakdown but which result in excess emissions, the permittee shall report the deviation within ten calendar days of detection. For all other deviations where no specific time frame for reporting a deviation applies, the permittee shall report the deviation at the time of the next semi-annual monitoring summary or annual compliance certification, whichever occurs first. If an underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, then the criteria for the applicable requirement shall apply. The report must include the probable cause of such deviations and any corrective actions or preventive measures taken. [Rule 1421]

#### **D. GENERAL PERMIT REQUIREMENTS**

1. The permittee shall comply with all terms and conditions of this permit. This permit consists of this document and Appendices A, B and C. Any noncompliance with the federally applicable terms and conditions of this permit shall constitute a violation of the federal Clean Air Act. Noncompliance with any federally applicable permit term or condition of this permit is grounds for federal enforcement action or enforcement action by the District; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. Noncompliance with any District permit term or condition is grounds for enforcement action by the District. [Rule 1421]
2. Upon a written request by the District, the permittee shall furnish to the District any information needed to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit; any information required to determine compliance with this permit; or any records required to be maintained pursuant to this permit. Such information shall be provided within a reasonable time, as specified within the District's written request. [Rule 1421]
3. The permittee shall pay annual fees in accordance with District Rule 40. [Rule 1421]
4. The permittee shall provide access, facilities, utilities and any necessary safety equipment for source testing and inspection upon request from the District. [Rule 19]
5. This permit shall be maintained on-site at all times and be made available to the District upon request. [Rule 1410]
6. The Rule Reference Table provided in Appendix B shall be used to determine whether a cited rule is a federally and District enforceable requirement or a District only enforceable requirement. Any new or revised District rule shall not be considered federally enforceable until the rule is approved by EPA into the SIP. In cases where SIP approval is pending for a

revised District rule, the rule citation shall refer to both the current SIP approved rule and the revised District rule. [Rule 1421]

**SECTION II. FACILITY-WIDE REQUIREMENTS**

**A. GENERAL PERMIT PROGRAM APPLICABLE REQUIREMENTS**

The permittee shall comply with the applicable requirements specified in the Rules and Regulations cited below, unless specifically exempted by the same Rule or Regulation.

Regulation	Rule Citation	Title
SDCAPCD Reg. II	10	Permits Required
SDCAPCD Reg. II	19	Provision of Sampling & Testing Facilities
SDCAPCD Reg. II	19.3	Emission Information
SDCAPCD Reg. II	21	Permit Conditions
SDCAPCD Reg. IV	60	Circumvention
SDCAPCD Reg. V	98	Breakdown Conditions: Emergency Variance
SDCAPCD Reg. VI	101	Burning Control
SDCAPCD Reg. VIII	131	Stationary Source Curtailment Plan

**B. GENERAL PROHIBITORY REQUIREMENTS**

The permittee shall comply with the generally applicable requirements specified in the Rules and Regulations cited below, unless specifically exempted by the same Rule or Regulation. These generally applicable requirements apply on a facility-wide basis to all permitted equipment, registered equipment, and insignificant activities. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more permitted emission units, the requirement is also included in Section III.A. of this permit.

Regulation	Rule Citation	Title
SDCAPCD Reg. IV	50	Visible Emissions
SDCAPCD Reg. IV	51	Nuisance
SDCAPCD Reg. IV	52	Particulate Matter
SDCAPCD Reg. IV	53	Specific Contaminants
SDCAPCD Reg. X	40 CFR 60 Subpart A	NSPS General Provisions
SDCAPCD Reg. XI	40 CFR 63 Subpart A	NESHAP General Provisions
SDCAPCD Reg. XI	40 CFR 61 Subpart M	NESHAP - Asbestos
40 CFR Part 82	Subpart A	Production and Consumption Controls
40 CFR Part 82	Subpart B	Servicing of Motor Vehicle Air Conditioners
40 CFR Part 82	Subpart F	Recycling and Emissions Reduction

**C. PERMIT SHIELDS**

1. No permit shield applies.

**D. ADDITIONAL TERMS**

1. Any emission unit described in this Title V operating permit as being fired on natural gas, shall only use Public Utility Commission (PUC)-quality natural gas, unless the emission unit permit specifies otherwise. [Rules 53, 62]
2. The permittee shall comply with all applicable requirements, including but not limited to, those applicable requirements of 40 CFR Parts 60 and 63.

**E. TITLE IV (ACID RAIN) REQUIREMENTS**

1. The permittee shall not exceed any emission allowances that are lawfully held under Title IV of the federal Clean Air Act or the regulations promulgated thereunder. [Rule 1421]
2. The permittee shall install, operate, and maintain equipment for the determination of CO<sub>2</sub> and NO<sub>x</sub> emissions on each applicable exhaust stack in accordance with 40 CFR Parts 72 and 75. [40 CFR Parts 72 and 75.10(a)]
3. The permittee shall prepare and maintain onsite a written Quality Assurance program in accordance with 40 CFR Part 75, Appendix B for the continuous monitoring of NO<sub>x</sub> emissions from each applicable exhaust stack. The components of the Quality Assurance program include, but are not limited to, procedures for daily calibration testing, quarterly linearity testing, recordkeeping and reporting implementation, and relative accuracy testing. [40 CFR Parts 72 and 75]
4. The permittee shall monitor SO<sub>2</sub> emissions in accordance with 40 CFR Part 72 and 75. [40 CFR Parts 72 and 75]
5. The permittee shall submit quarterly electronic data reports to EPA for the emissions from each applicable exhaust stack in accordance with 40 CFR Part 75. These reports must be submitted within 30 days following the end of each calendar quarter and shall include all information required in § 75.64. [40 CFR Part 75]

**SECTION III. EMISSION UNIT REQUIREMENTS**

**A. DISTRICT PERMITTED EMISSION UNITS**

Facility Emission Units (EU) are listed in Appendix A, including all terms and conditions of such permits.

**B. REGISTERED AND LEASED EMISSION UNITS**

The permittee shall comply with the source specific applicable requirements specified in the Rules and Regulations cited below for all registered emission units, unless specifically exempted by the same Rule or Regulations.

Regulation	Rule Citation	Title
SDCAPCD Reg. II	19.2	Continuous Emission Monitoring Requirements

SDCAPCD Reg. II	NSR	New Source Review
SDCAPCD Reg. IV	52	Particulate Matter
SDCAPCD Reg. IV	53	Specific Contaminants
SDCAPCD Reg. IV	54	Dust and Fumes
SDCAPCD Reg. IV	62	Sulfur Content of Fuels

**C. INSIGNIFICANT EMISSION UNITS AND ACTIVITIES**

The permittee shall comply with the applicable requirements specified in the District Rules and Regulations for any Insignificant Units located at this facility that are listed at District Regulation XIV, Appendix-A (no insignificant units were listed in the permittee's application).

**SECTION IV. VARIANCE PROCEDURES**

The permittee may seek relief from District enforcement action in the event of a breakdown in accordance with District Rule 98. Notwithstanding the foregoing, the granting by the District of breakdown relief or the issuance by the Hearing Board of a variance does not provide relief from federal enforcement or citizen's suits. [Rule 98]

**SECTION V. APPENDICES**

**APPENDIX A: EMISSION UNITS – SPECIFIC CONDITIONS**

<b>EU Reference</b>	<b>Source</b>
APCD2014-PTO-002082	Natural Gas Turbine





**COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT**  
 10124 OLD GROVE ROAD, SAN DIEGO, CA 92131  
 PHONE (858) 586-2600 FAX (858) 586-2601  
 www.sdapcd.org

Sectors: 2, D  
 Site ID: APCD2009-SITE-03770  
 App ID: APCD2015-APP-004232

**PERMIT ID**  
 APCD2014-PTO-002082

Escondido Energy Center LLC  
 Paul Cummins  
 650 Bercut Drive, Suite C  
 Sacramento CA, 95811

**EQUIPMENT ADDRESS**  
 Escondido Energy Center LLC  
 Paul Cummins  
 1968 Don Lee Place  
 Escondido CA 92029

## PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

### EQUIPMENT OWNER

Escondido Energy Center LLC Owner Manager 650 Bercut Drive Suite C, Sacramento, CA 95811

### EQUIPMENT DESCRIPTION

Gas Turbine Engine Generator: General Electric, Model LM-6000, 46.5 MW capacity, 468.8 MMBtu/hr heat input, natural gas fired, simple cycle, S/N 191-746, with an inlet air evaporative cooling system ("fogger"); water injection, a Technip selective catalytic reduction (SCR) system, including ammonia injection grid (AIG), AIG mixer plates and silencer perforated plates, with an automatic ammonia injection control system; an oxidation catalyst; CEMS for NOx, CO and O2; and a data acquisition and recording system.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

- Fee Schedules: 1 [93A] Test Witness and Report Review (T&M)  
 1 [20F] Non- Aircraft Turbine Engine  
 1 [92I] Ammonia Source Test  
 1 [92R] VOC Lab Analysis  
 1 [92F] NOx and CO Source Test

BEC: APCD2014-CON-001122

**FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES**



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 www.sdapcd.org

Sectors: 2, D  
 Site ID: APCD2009-SITE-03770  
 App ID: APCD2015-APP-004232

PERMIT ID  
 APCD2014-PTO-002082  
THESE PERMITS ARE SUBJECT TO THE AIR QUALITY REGULATIONS OF THE COUNTY OF SAN DIEGO

**A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS**

1. In the event that the gas turbine engine with S/N 191-746 is removed from service for required repair, the permit holder may install an identical gas turbine engine (General Electric, Model LM-6000, 46.5 MW capacity) as a temporary replacement. The temporary turbine may be operated for a time period not to exceed 120 calendar days for each time the gas turbine engine with S/N 191-746 is repaired. This time period shall begin on the day that construction has been completed on the installation of the temporary gas turbine engine. Prior to operating the temporary gas turbine engine, the applicant shall notify the District, in writing, that this construction has been completed. The time period shall end on the day that construction has been completed on the re-installation of the gas turbine engine with S/N 191-746 after it has been repaired. Prior to operating the gas turbine engine with S/N 191-746, the applicant shall notify the District, in writing, that this construction has been completed. [NSR]
2. The temporary gas turbine engine shall be not be operated unless the air pollution control equipment, CEMS, and data acquisition and recording system specified in the equipment description are in full operation at all times. All conditions specified in this Permit to Operate shall apply to the temporary gas turbine engine. [NSR]
3. 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.  
[Rule 10]
4. This equipment shall be properly maintained and kept in good operating condition at all times. [NSR]
5. The Emission unit shall be fired on Public Utility Commission (PUC) quality natural gas only. The permittee shall maintain quarterly records of sulfur content (grains/100 dscf) and higher and lower heating values (Btu/dscf) of the natural gas and provide such records to the District personnel upon request. [Rule 62 and/or 40 CFR 60 Subpart KKKK]
6. Fuel flow meters shall be installed and maintained to measure the fuel flow rate corrected for temperature and pressure. Correction factors and constants shall be maintained on site and made available to the District upon request. The fuel flow meters shall meet the applicable quality assurance requirements of 40 CFR Part 75 Appendix D, Section 2.1.6. [District Rules 69.3, 69.3.1, 20.3(d)(1); 40 CFR Part 60 Subpart KKKK 60.4345, and 40 CFR Part 75]
7. Except during startup and shutdown conditions, the water injection system, the SCR system and oxidation catalyst control system, including the ammonia injection system serving the turbine, shall be in full operation at all times when the Emission Unit is in operation. [NSR]
9. For this emission unit, the permittee shall hold allowances in accordance with 40 CFR 72.9(c)(i)
10. For the purposes of this Permit to Operate, startup conditions shall be defined as the 30-minute time period starting when fuel flow begins. Shutdown conditions shall be defined as the 15-minute time period preceding the moment at which fuel flow ceases. The Data Acquisition System (DAS), as required by 40 CFR 75, shall record these events. [NSR]
11. During startup conditions, the emissions from this emission unit shall not exceed the following emission limits as determined by the continuous emissions monitoring system (CEMS), continuous monitors and/or District-approved emissions testing.

Pollutant	Startup Emission Limit, lbs/event
Oxides of Nitrogen, NOx (calculated as NO2)	19.3
Carbon Monoxide, CO	14.3
Volatile Organic Compounds, VOC	1.4
[NSR]	



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12. During shutdown conditions, the emissions from this emission unit shall not exceed the following emission limits as determined by the continuous emissions monitoring system (CEMS), continuous monitors and/or District-approved emissions testing.

Pollutant	Shutdown Emission Limit, lbs/event
Oxides of Nitrogen, NOx (calculated as NO2)	7.8
Carbon Monoxide, CO	8.9
Volatile Organic Compounds, VOC [NSR]	1.4

13. Emissions of nitrogen oxides from each unit exhaust stack shall not exceed 25 parts per million by volume, dry basis (ppmvd) at 15 percent O2 or 150 ng/J of useful output (1.2 lb/MWh) (4 hour average pursuant to 40 CFR § 60.4380(b)). This limit applies at all times including periods of startup and shutdown. [40 CFR 60 Subpart KKKK, Appendix Table 1]
14. Excess emissions shall be as defined in 40 CFR Subpart KKKK § 60.4380. An excess emission is any unit operating period, including periods of startup and shutdown, in which the 4-hour or 30-day rolling average NOx emission rate exceeds the applicable emission limit in 40 CFR 60 Subpart KKKK, Appendix Table 1.
15. For each affected unit required to continuously monitor parameters or emissions the permittee must submit to the District reports of excess emissions and monitor downtime, in accordance with § 60.7(c). Excess emissions must be reported for all periods of unit operation, including start-up, shutdown, and malfunction. Reports submitted pursuant to this requirement shall be postmarked no later than the 30th day following the end of the 6-month reporting period. 6-month reporting periods comprise January 1 through June 30, and July 1 through December 31. [40 CFR Subpart KKKK § 60.4375(a)]
16. This equipment shall not be operated more than 2900 operating hours per calendar year. [NSR]
17. Operation of this equipment under startup conditions shall not exceed 600 events per calendar year. [NSR]
18. Fuel input to this equipment shall not exceed 1,280,000 million British thermal units (MMBtu) during any consecutive 12-month period. Compliance with this limit shall be demonstrated by maintaining records of fuel usage (standard cubic feet, scf) and fuel energy content (MMBtu). [NSR]
19. Total combined oxides of nitrogen (NOx) emissions from all permitted equipment at this facility shall not exceed the major source threshold of 50 tons per calendar year. The daily NOx mass emissions from each emission unit shall be recorded daily. The aggregate NOx mass emissions from all emission units for each calendar month, and for each rolling 12-month period, shall be calculated and recorded monthly. In the event that an annual major stationary source threshold is projected to be triggered, the applicant shall submit a complete application to modify this permit at least 6 months prior to the projected date of exceedance demonstrating how compliance with all applicable requirements will be achieved. [NSR]
20. Emissions of oxides of nitrogen (NOx), calculated as nitrogen dioxide, from the emission unit exhaust stack shall not exceed 2.5 parts per million volume on a dry basis (ppmvd) corrected to 15% oxygen and averaged over each 1-hour period. Compliance with this limit shall be demonstrated continuously based on CEMS data and based upon source testing calculated as the average of three subtests. This limit shall not apply during startup and shutdown conditions. [NSR]
21. Total combined carbon monoxide (CO) emissions from all permitted equipment at this facility shall not exceed the Prevention of Significant Deterioration (PSD) threshold of 250 tons per calendar year. The daily CO mass emissions from each unit shall be recorded daily. The aggregate CO mass emissions from all emission units for each calendar month, and for each rolling 12-month period, shall be calculated and recorded monthly. In the event that an annual PSD stationary source threshold is projected to be triggered, the applicant shall submit a complete application to modify this permit at least 6 months prior to the projected date of exceedance demonstrating how compliance with all applicable requirements will be achieved. [NSR]



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- 22. Emissions of carbon monoxide (CO) from the emission unit exhaust stack shall not exceed 6.0 parts per million volume on a dry basis (ppmvd) corrected to 15% oxygen and averaged over each 3-hour period. Compliance with this limit shall be demonstrated continuously based on CEMS data and based upon source testing calculated as the average of three subtests. This limit shall not apply during startup and shutdown conditions. [NSR]
- 23. Total combined volatile organic compound (VOC) emissions from all permitted equipment at this facility shall not exceed the major source threshold of 50 tons per calendar year. The daily VOC emissions from each unit shall be recorded daily. The aggregate VOC mass emissions from all emission units for each calendar month, and for each rolling 12-month period, shall be calculated and recorded monthly. All emission calculations shall be based on fuel usage and emission factors approved by the District. In the event that an annual major stationary source threshold is projected to be triggered, the applicant shall submit a complete application to modify this permit at least 6 months prior to the projected date of exceedance demonstrating how compliance with all applicable requirements will be achieved. [NSR]
- 24. Emissions of volatile organic compounds (VOCs), calculated as methane, from the emission unit exhaust stack shall not exceed 2.0 parts per million volume on a dry basis (ppmvd) corrected to 15% oxygen and averaged over each 1-hour period. Compliance with this limit shall be demonstrated continuously based on CEMS data and based upon source testing calculated as the average of three subtests. At the time of the initial compliance test, a District-approved CO/VOC surrogate relationship shall be established. The CO/VOC surrogate relationship shall be verified and/or modified, if necessary, based on annual source testing. This limit shall not apply during startup and shutdown conditions. [NSR]
- 25. The emissions from this emission unit shall not exceed the following emission limits, except during startup and shutdown conditions, as determined by the continuous emissions monitoring system (CEMS), continuous monitors and/or District-approved emissions testing, calculated as the average of three subtests. Compliance with each limit shall be based on a 1-hour averaging period.

Pollutant	Emission Limit, lbs/hr
Oxides of Nitrogen, NOx (calculated as NO2)	4.4
Carbon Monoxide, CO	6.4
Volatile Organic Compounds, VOC	1.2
[NSR]	

- 26. The emissions from this emission unit shall not exceed the following emission limits as determined by the continuous emissions monitoring system (CEMS), continuous monitors and/or District-approved emissions testing. Compliance with each limit shall be based on a calendar day averaging period.

Pollutant	Emission Limit, lbs/day
Oxides of Nitrogen, NOx (calculated as NO2)	124.1
Carbon Monoxide, CO	164.8
Volatile Organic Compounds, VOC	29.5
[NSR]	

- 27. The emissions from this emission unit shall not exceed the following emission limits as determined by the continuous emissions monitoring system (CEMS), continuous monitors and/or District-approved emissions testing. Compliance with each limit shall be based on a calendar year averaging period.

Pollutant	Emission Limit, tons/yr
Oxides of Nitrogen, NOx (calculated as NO2)	12.0
Carbon Monoxide, CO	15.4
Volatile Organic Compounds, VOC	2.7
[NSR]	



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29. An operating log or Data Acquisition System (DAS) records shall be maintained on site to record actual times and durations of all:
- startups
  - shutdowns
  - quantity of each fuel used
  - hours of daily operation
  - total cumulative hours of operation during each calendar year
- [Rule 20.3]
30. A Continuous Emission Monitoring System (CEMS) shall be installed and calibrated to measure and record the:
- hourly average concentration and hourly mass emission rate of oxides of nitrogen (NO<sub>x</sub>)
  - the hourly average concentration and daily mass emission rate of carbon monoxide (CO)
  - the percent oxygen (O<sub>2</sub>) in the exhaust gas
- The CEMS shall thereafter be in full operation at all times when the unit is in operation.  
[Rule 20.3 and Rule 69.3.1]
31. All NO<sub>x</sub> and O<sub>2</sub> CEMS shall be installed, certified, and maintained pursuant to applicable Federal Regulations including the requirements of Sections 75.10 and 75.12 of Title 40, Code of Federal Regulations Part 75 (40 CFR 75), the performance specifications of Appendix A of 40 CFR 75, the quality assurance procedures of Appendix B of 40 CFR 75 and a CEMS Protocol approved by the District. [Rule 69.3.1 and 40 CFR Part 75]
33. The District shall be notified in writing at least two (2) weeks prior to any changes made in the CEMS software that affect the measurement, calculation or correction of data displayed and/or recorded by the CEMS. [Rule 69.3.1 and 40 CFR Part 75]
35. The unit shall be equipped with continuous parametric monitors to measure, calculate and to record the following operational characteristics:
- a. hours of operation (hours),
  - b. natural gas flow rate (scfh),
  - c. exhaust gas temperature (°F),
  - d. SCR average temperature (°F),
  - e. ammonia injection rate (lbs/hr),
  - f. water injection rate (lbs/hr) for NO<sub>x</sub> control,
  - g. power output (MW).
- These monitors shall be installed, calibrated and maintained in accordance with the manufacturer's recommended procedures and a protocol approved by the District. All monitors shall be in full operation at all times when the turbine is in operation. [Rules 20.3 and 69.3.1]
36. Monthly and annual records of fuel usage shall be maintained and made available to the District upon request. [NSR]
37. Monthly and annual records shall indicate actual times and duration of all startups, shutdowns, and quantity of fuel used. [NSR]
39. All records required by this permit shall be maintained on site for a minimum of five years and made available to the District upon request. [Rule 1421]
40. A monitoring plan in conformance with 40 CFR 75.53 shall be submitted to U.S. EPA Region 9 and the District at least 45 days prior to the Relative Accuracy Test Audit test, as required in 40 CFR 75.62. [40 CFR Part 75]
41. This unit shall be source tested once each permit year (annual source test) to demonstrate compliance with the NO<sub>x</sub>, CO, VOC, and Ammonia emission standards of this permit, using District approved methods. NO<sub>x</sub> and CO RATA tests shall be conducted in accordance with the RATA frequency requirements of 40 CFR 75 Appendix B, Sections 2.3.1 and 2.3.3. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year. [District Rules 69.3, 69.3.1, 1200, 20.3(d)(1); 40 CFR 60 Subpart KKKK § 60.4375; 40 CFR Part 75]



## APPENDIX B: RULE REFERENCE TABLE

Rule Citation <sup>1</sup>	RULE TITLE	A/R <sup>2</sup>	District Adoption Date <sup>3</sup>	SIP FR Approval Date
	<b>REGULATION I - GENERAL PROVISIONS</b>			
1	Title	F	04/30/80	09/28/81
2	Definitions	F	11/04/09	09/17/10
4	Review of Rules	F	01/01/70 <sup>†</sup>	09/22/72
5	Authority to Arrest	F	03/24/76 <sup>†</sup>	05/11/77
	<b>REGULATION II - PERMITS</b>			
10	Permits Required	F	07/25/95	03/11/98
10.1 <sup>††</sup>	NSPS & NESHAPS Requirements	D	11/8/76	N/A
11	Exemptions from Rule 10 Permit Requirements	D/F	09/20/78	07/06/82
12	Registration of Specified Equipment	D	11/15/00	N/A
12.1	Portable Equipment Registration	D	05/21/97	N/A
14	Applications	F	04/30/80	09/28/81
15	Permit Process - Public Notifications	D/F	09/18/90	Pending
17	Cancellation of Applications	F	04/06/93	03/11/98
18	Action on Applications	F	01/17/72	09/22/72
18	Action on Applications	D/F	09/18/90	Pending
19	Provision of Sampling and Testing Facilities	F	04/06/93	03/11/98
19.1 <sup>††</sup>	NSPS & NESHAPS Provision of Sampling and Testing Facilities Requirements	D	11/08/76	N/A
19.2	Continuous Emission Monitoring Requirements	F	01/12/79	09/28/81
19.3	Emission Information	F	5/15/96	03/09/00
20	Standards for Granting Permits	D/F	04/25/89	Pending
20.1	Definitions, Emission Calculations, Emission Offsets and Banking, Exemptions, and Other Requirements	F	07/05/79	04/14/81
20.1	NSR - General Provisions	D/F	12/17/98	Pending
20.2	Standards for Authority to Construct - Best Available Air Pollution Control Technology	F	07/05/79	04/14/81
20.2	NSR - Non-major Stationary Sources	D/F	12/17/98	Pending
20.3	Standards for Authority to Construct - Air Quality Analysis	F	07/05/09	04/14/81
20.3	NSR - Major Stationary Source and PSD Stationary Source	D/F	12/17/98	Pending
20.4	Standards for Authority to Construct - Major Stationary Sources	F	07/05/09	04/14/81
20.4	NSR - Portable Emission Units	D/F	12/17/98	Pending
20.5	Power Plants	F	07/05/79	04/14/81
20.6	Standards for Permit to Operate - Air Quality Analysis	F	07/05/79	04/14/81
20.6	Standards for Permit to Operate Air Quality Analysis	D/F	12/14/87	Pending
20.8	Special Offset Requirement Relating to Banking	D	2/16/83	N/A
21	Permit Conditions	F	11/29/94	03/11/98
22	Denial of Applications	D/F	01/01/69 <sup>†</sup>	N/A

23	Further Information	D/F	01/01/69†	N/A
24	Temporary Permit to Operate	F	03/20/96	10/24/08
25	Appeals	F	01/01/69†	09/22/72
25	Appeals	D/F	06/21/00	Pending
26.0	Banking of Emission Reduction Credits (ERCs) - General Requirements	D/F	10/22/97	Pending
26.1	Standards for Granting Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.2	Use of Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.3	Reclassification of Class B Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.4	Permanency of Banked Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.5	Transfer of Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.6	District Banking of Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.7	Shutdown and Related Emission Unit	D/F	10/22/97	Pending
26.8	Banking of Limited Emission Reductions	D/F	10/22/97	Pending
26.9	Emission Reduction Credit Certificates and The Emission Reduction Credit Register	D/F	10/22/97	Pending
26.10	Banking For BRAC Military Base Closure or Realignment Actions	D/F	10/22/97	Pending
27	Banking of Mobile Source Emission Reduction Credits	D/F	11/29/94	Pending
27.1	Federal Requirements for San Diego County APCD Alternative Mobile Source Emission Reduction Program Approved On 9/8/2000	F	08/06/08	06/03/09
	<b>REGULATIONS III - FEES</b>			
40	Permit Fees	D	01/01/12	N/A
42	Hearing Board Fees	D	07/01/00	N/A
44	Technical Reports, Charges for	D	12/7/83	N/A
	<b>REGULATIONS IV - PROHIBITIONS</b>			
50	Visible Emissions	F	08/13/97	12/7/98
50.1††	NSPS & NESHAPS Visible Emissions Requirements	D	11/08/76	N/A
51	Nuisance	F	01/01/69†	09/22/72
52	Particulate Matter	F	01/22/97	12/9/98
52.1††	NSPS & NESHAPS Particular Matter Requirements	D	11/08/76	N/A
53	Specific Contaminants	F	01/22/97	12/9/98
53.1	Scavenger Plants	F	01/01/69†	09/22/72
53.2††	NSPS & NESHAPS Specific Contaminants Requirements	D	11/08/76	N/A
54	Dusts and Fumes	F	01/22/97	12/9/98
54.1	NSPS & NESHAP Dust and Fumes Requirement	D	11/08/76	N/A
58	Incinerator Burning	F	01/17/73†	05/11/77
59	Control of Waste Disposal - Site Emissions	D	11/03/87	N/A
59.1	Municipal Solid Waste Landfills	D	06/17/98	N/A
60	Circumvention	F	05/17/94	03/09/00
60.2	Limiting Potential to Emit - Synthetic Minor Sources	D	04/04/12	N/A
61.0	Definitions Pertaining to the Storage & Handling of Organic Compounds	F	10/16/90	09/13/93



61.1	Receiving & Storing Volatile Organic Compounds at Bulk Plants & Bulk Terminals	F	01/10/95	08/08/95
61.2	Transfer of Volatile Organic Compounds into Mobile Transport Tanks	F	07/26/00	08/26/03
61.3	Transfer of Volatile Organic Compounds into Stationary Storage Tanks	F	10/16/90	06/30/93
61.3.1	Transfer of Gasoline into Stationary Underground Storage Tanks	D	03/01/06	Pending
61.4	Transfer of Volatile Organic Compounds into Vehicle Fuel Tanks	F	10/16/90	05/13/93
61.4	Transfer of Volatile Organic Compounds into Vehicle Fuel Tanks	D/F	03/26/08	Pending
61.4.1	Transfer of Gasoline from Stationary Underground Storage Tanks into Vehicles Fuel Tanks	D	03/01/06	N/A
61.5	Visible Emission Standards for Vapor Control Systems	F	09/20/78†	04/14/81
61.6	NSPS Requirements for Storage of Volatile Organic Compounds	D	01/13/87	Withdrawn
61.7	Spillage and Leakage of Volatile Organic Compounds	F	01/13/87	03/11/98
61.8	Certification Requirements for Vapor Control Equipment	F	01/13/87	03/11/98
62	Sulfur Content of Fuels	F	10/21/81	07/06/82
62.1††	NSPS Requirements for Sulfur Content of Fuels	D	11/08/76	N/A
64	Reduction of Animal Matter	F	08/21/81	07/06/82
66	Organic Solvents	F	07/25/95	Repealed
66.1	Miscellaneous Surface Coating Operations and Other Processes Emitting VOCs	D/F	2/24/10	08/09/12
67.0	Architectural Coatings	F	12/12/01	Withdrawn
67.0.1	Architectural Coatings	D/F	06/24/15	Pending
67.1	Alternative Emission Control Plans	F	05/15/96	03/27/97
67.2	Dry Cleaning Equipment Using Petroleum - Based Solvent	F	05/15/96	03/27/97
67.3	Metal Parts and Products Coating Operations	F	04/09/03	11/14/03
67.4	Metal Container, Metal Closure and Metal Coil Coating Operations	F	11/09/11	09/20/12
67.5	Paper, Film and Fabric Coating Operations	F	05/15/96	03/27/97
67.6.1	Cold Solvent Cleaning and Stripping Operations	F	5/23/07	10/13/09
67.6.2	Vapor Degreasing Operations	F	5/23/07	10/13/09
67.7	Cutback and Emulsified Asphalts	F	05/15/96	03/27/97
67.9	Aerospace Coating Operations	F	04/30/97	08/17/98
67.10	Kelp Processing and Bio-Polymer Manufacturing	F	06/25/97	06/22/98
67.11	Wood Parts and Products Coating Operations	F	06/27/12	04/11/13
67.11.1	Large Coating Operations for Wood Products	F	09/25/02	06/05/03
67.12	Polyester Resin Operations	F	05/15/96	03/27/97
67.15	Pharmaceutical and Cosmetic Manufacturing Operations	F	05/15/96	03/27/97
67.16	Graphic Arts Operations	F	05/09/12	09/20/12
67.17	Storage of Materials Containing Volatile Organic Compounds	F	05/15/96	03/27/97
67.18	Marine Coating Operations	F	05/15/96	03/27/97
67.19	Coating and Printing Inks Manufacturing Operations	F	05/15/96	05/26/00
67.20.1	Motor Vehicle and Mobile Equipment Coating Operations	D	06/30/10	N/A

67.21	Adhesive Material Application Operations	D	11/14/08	N/A
67.22	Expandable Polystyrene Foam Products Manufacturing Operations	D	05/15/96	N/A
67.24	Bakery Ovens	F	05/15/96	03/27/97
68	Fuel-Burning Equipment – Oxides of Nitrogen	F	09/20/94	04/09/96
68.1††	NSPS Requirements for Oxides of Nitrogen from Fuel-Burning Equipment	D	11/08/76	N/A
69	Electrical Generating Steam Boilers, Replacement Units & New Units	D	12/12/95	N/A
69.2	Industrial & Commercial Boilers, Process Heaters & Steam Generators	F	09/27/94	02/09/96
69.2.1	Small Boilers, Process Heaters and Steam Generators	D	03/25/09	N/A
69.3	Stationary Gas Turbine Engines	F	09/27/94	06/17/97
69.3	Stationary Gas Turbine Engines – RACT	D/F	12/16/98	Pending
69.3.1	Stationary Gas Turbine Engines – BARCT	D	02/24/10	N/A
69.4	Stationary Internal Combustion Engines	F	07/30/03	01/04/06
69.4	Stationary Internal Combustion Engines – RACT	D/F	07/30/03	2/25/04
69.4.1	Stationary Internal Combustion Engines - BARCT	D	11/15/00	N/A
69.5	Natural Gas-Fired Water Heaters	D	01/01/99	N/A
69.5.1	Natural Gas-Fired Water Heaters	D	06/24/15	N/A
69.6	Natural Gas-Fired Fan-Type Central Furnaces	D	06/17/98	N/A
70	Orchard Heaters	F	01/17/72	09/22/72
71	Abrasive Blasting	F	03/30/77	08/31/78
	<b>REGULATION V - PROCEDURES BEFORE THE HEARING BOARD</b>			
75	Procedure Before the Hearing Board	D/F	09/17/85	Pending
75.1††	NSPS & NESHAPS Variance Procedures	D	09/17/85	7/30/79
97	Emergency Variance	D/F	07/25/95	Pending
98	Breakdown Conditions: Emergency Variance	D	07/25/95	Withdrawn
	<b>REGULATION VI - BURNING CONTROL</b>			
101	Burning Control	F	09/25/02	04/30/03
	<b>REGULATION VII - VALIDITY AND EFFECTIVE DATE</b>			
140	Validity	F	01/01/69†	09/22/72
141	Effective Date	F	01/01/69†	09/22/72
	<b>REGULATION VIII - SAN DIEGO AIR POLLUTION EMERGENCY PLAN</b>			
126	Applicability	F	05/25/77	08/31/78
127	Episode Criteria Levels	F	09/17/91	03/18/99
128	Episode Declaration	F	09/17/91	03/18/99
129	Episode Termination	F	05/25/77	08/31/78
130	Episode Actions	F	09/17/91	03/18/99
131	Stationary Source Curtailment Plan	F	04/01/81	06/21/82
132	Traffic Abatement Plan	F	04/01/81	06/21/82

132	Traffic Abatement Plan	D/F	12/17/97	Pending
133	Schools	F	05/25/77	08/31/78
134	Source Inspection	F	04/01/81	06/21/82
135	Air Monitoring Stations	F	05/25/77	08/31/78
136	Interdistrict and Interbasin Coordination	F	05/25/77	08/31/78
137	Emergency Action Committee	F	05/25/77	08/31/78
138	Procedures and Plans	F	05/25/77	08/31/78
	APPENDIX A - Persons to be Notified on Episode Declaration	F		
<b>REGULATION IX - PUBLIC RECORDS</b>				
175	General	F	05/22/74†	05/11/77
176	Information Supplied to District	F	05/22/74†	05/11/77
177	Inspection of Public Records	F	03/30/77	08/31/78
177	Inspection of Public Records	D/F	06/20/01	Pending
<b>REGULATION XII - TOXIC AIR CONTAMINANTS</b>				
1200	Toxic Air Contaminants - New Source Review	D	06/12/96	N/A
1202	Hexavalent Chromium - Cooling Towers	D	07/25/95	N/A
1203	Ethylene Oxide Sterilizers and Aerators	D	07/26/00	N/A
1205	Control of Dioxins Emissions from Medical Waste Incinerators	D	01/01/94	N/A
1210	Toxic Air Contaminant Public Health Risks - Public Notification and Risk Reduction	D	06/12/96	N/A

1.

<b>REGULATION XIV - TITLE V OPERATING PERMITS</b>				
1401	General Provisions	F	02/27/04	02/27/04
1410	Permit Required	F	02/27/04	02/27/04
1411	Exemption from Permit to Operate for Insignificant Units	F	03/07/95	11/30/01
1412	Federal Acid Rain Program Requirements	F	01/18/94	11/30/01
1413	Early Reduction of Hazardous Air Pollutants	F	03/07/95	11/30/01
1414	Applications	F	03/07/95	11/30/01
1415	Permit Process-Public Notification	F	02/27/04	02/27/04
1417	Pendency & Cancellation of Applications	F	03/07/95	11/30/01
1418	Action on Applications	F	02/27/04	11/30/01
1419	Provisions of Sampling & Testing Facilities & Emission Information	F	03/07/95	11/30/01
1420	Standards for Granting Permits	F	03/07/95	11/30/01
1421	Permit Conditions	F	02/27/04	02/27/04
1422	Denial or Cancellation Of Applications	F	03/07/95	11/30/01
1423	Further Information	F	01/18/94	11/30/01
1424	Applications Deemed Denied	F	01/18/94	11/30/01
1425	Appeals & Judicial Review	F	02/27/04	02/27/04
	APPENDIX A - Insignificant Units	F	02/27/04	11/30/01
<b>REGULATION XV - FEDERAL CONFORMITY</b>				
1501	Conformity of General Federal Actions	F	06/22/99	04/23/99

The following NSPS and NESHAP have been adopted locally by the District. EPA has granted the District delegation for each of these rules. Therefore, these rules, as adopted by the District are the federally applicable requirements. For all other NSPS and NESHAP, the versions cited in the CFR are the federally applicable requirements.

Subpart & Citation	RULE TITLE	District Adoption Date	Federal Delegation Date
<b>Part 60 REGULATION X - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES</b>			
A	General Provisions	Unknown 11/03/92	11/08/76
E	Standards of Performance for Incinerators	Unknown	03/30/77
I	Standards of Performance for Asphalt Concrete Plants	Unknown 01/13/87	11/08/76
L	Standards of Performance for Secondary Lead Smelters	Unknown	11/08/76
M	Standards of Performance for Secondary Brass and Bronze Ingot Production Plants	Unknown 09/17/85	03/30/77
O	Standards of Performance for Sewage Treatment Plants	01/13/87	09/17/87
DD	Standards of Performance for Grain Elevators	Unknown	05/24/82
EE	Standards of Performance for Surface Coating Metal Furniture	03/04/86 11/03/92	03/19/87
QQ	Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing	08/24/83	12/22/83
RR	Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations	09/17/86 11/03/92	03/19/87
SS	Standards of Performance for the Industrial Surface Coating Large Appliances	02/22/84 11/03/92	04/24/84
TT	Standards of Performance for Metal Coil Surface Coating	02/22/84 11/03/92	04/24/84
BBB	Standards of Performance for the Rubber Tire Manufacturing Industry	03/14/89	07/18/89
FFF	Standards of Performance for Flexible Vinyl and Urethane Coating and Printing	09/17/86	03/19/87
JJJ	Standards of Performance for Petroleum Dry Cleaners	12/15/87	07/18/89
<b>Part 61 REGULATION XI- NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS)</b>			
A	General Provisions	01/13/87	05/24/82
C	National Emission Standard for Beryllium	Unknown	11/08/76
D	National Emission Standard for Beryllium Rocket Motor Firing	Unknown	11/08/76
E	National Emission Standard for Mercury	03/27/90	05/17/91
F	National Emission Standard for Vinyl Chloride	08/17/77 06/16/78	11/21/77
M	National Emission Standard for Asbestos	06/04/85 02/01/95	07/18/89

The following ATCM and NESHAP have not been adopted by the District, but are being implemented and enforced by the District as ATCM's.

Subpart & Citation	RULE TITLE	A/R	Most Recent Adoption Date
<b>DISTRICT RULES AND REGULATIONS APPENDIX A - CALIFORNIA AIRBORNE TOXIC CONTROL MEASURES (ATCM)</b>			
17 CCR § 93102	Hexavalent Chromium ATCM for Chrome Plating & Chromic Acid Anodizing Operations	D/F	12/7/06
17 CCR § 93109	ATCM For Emissions of Perchloroethylene From Dry Cleaning Operations	F	01/25/07
17 CCR § 93101.5	ATCM to Reduce Emissions of Hexavalent Chromium and Nickel from Thermal Spraying	D	09/30/05
17 CCR § 93105	ATCM for Construction, Grading, Quarrying, and Surface Mining Operations	D	07/26/01
17 CCR § 93106	Asbestos ATCM for Surface Applications	D	07/20/00
17 CCR § 93107	ATCM For Emissions of Toxic Metals From Non-Ferrous Metal Melting	D	01/14/93
17 CCR § 93111	ATCM for Emissions of Chlorinated Toxic Air Contaminants from Automotive Maintenance & Repair Activities	D	04/27/00
17 CCR § 93112	ATCM for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Motor Equipment Coatings	D	09/20/01
17 CCR § 93113	ATCM to Reduce Emissions of Toxic Air Contaminants from Outdoor Residential Waste Burning	D	02/03/03
17 CCR § 93115	ATCM for Stationary Compression Ignition Engines	D	05/19/11
17 CCR § 93116	ATCM for Portable Diesel-Fueled Engines	D	02/19/11
<b>DISTRICT RULES AND REGULATIONS APPENDIX B - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) FOR SOURCE CATEGORIES</b>			
<b>Part 63</b>			
A	General Provisions	F	05/16/07
N	Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	F	04/20/06
O	Ethylene Oxide Sterilization Facilities	F	12/28/07
R	Gasoline Distribution	F	01/24/11
T	Halogenated Solvent Cleaning	F	09/08/00
DD	Off-site Waste & Recovery Operations	F	07/20/99
GG	Aerospace Manufacturing and Rework Facilities	F	12/08/00
II	Shipbuilding and Ship Repair (Surface Coating)	F	12/15/95
JJ	Wood Furniture Manufacturing Operations	F	12/28/98
VVV	Publicly Owned Treatment Works	F	10/21/02
AAAA	Municipal Solid Waste Landfills	F	01/16/03
EEEE	Organic Liquids Distribution (non-gasoline)	F	07/17/08
MMMM	Surface Coating of Miscellaneous Metal Parts and Products	F	04/26/04
PPPP	Plastic Parts (surface coating)	F	04/24/07
SSSS	Surface Coating of Metal Coil	F	03/17/03
VVVV	Boat Manufacturing	F	08/22/01
WWWW	Reinforced Plastic Composites Production	F	8/25/05

YYYY	Stationary Combustion Turbines	F	08/18/04
ZZZZ	Stationary Reciprocating Internal Combustion Engines	F	03/09/11
DDDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters	F	05/18/11
GGGGG	Site Remediation	F	11/29/06
HHHHH	Miscellaneous Coating Manufacturing	F	10/04/06
PPPPP	Engine Test Cells/Standards	F	08/28/03
WWWWW	Hospital Ethylene Oxide Sterilizers Area Sources	F	12/28/07
BBBBB	Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	F	01/24/11
CCCCCC	Gasoline Dispensing Facilities	F	01/24/11
HHHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources	F	01/09/08
JJJJJ	Area Sources: Industrial, Commercial, and Institutional Boilers	F	3/21/11
QQQQQ	Wood Preserving Area Sources	F	07/16/07
VVVVV	Chemical Manufacturing Area Sources	F	11/29/09
WWWWW	Plating and Polishing Operations Area Sources	F	07/01/08
XXXXXX	Metal Fabrication and Finishing Area Sources	F	7/23/08
AAAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing Area Sources	F	12/02/09
CCCCCCC	Paint and Allied Products Manufacture Area Sources	F	12/03/09

2.

The following NSPS have been adopted by the District by reference. The rules listed below are the CFR versions of these rules which are federally applicable requirements.

Subpart & Citation	RULE TITLE	Latest EPA Promulgation Date	District Adoption Date	Delegation Date
<b>Part 60</b>	<b>DISTRICT RULES AND REGULATIONS APPENDIX C - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES (NSPS)</b>			
D	Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971	10/17/00 01/28/09	10/17/01 06/24/09	01/03/08 Pending
Da	Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978	06/11/01 01/28/09	10/17/01 06/24/09	01/03/08 Pending
Db	Standards of Performance for Industrial-Commercial - Institutional Steam Generating Units	10/01/01 01/28/09	04/25/01 06/24/09	01/03/08 Pending
Dc	Standards of Performance for Small Industrial-Commercial -Institutional Steam Generating Units	05/08/96 01/28/09	08/13/97 06/24/09	06/24/98 Pending
GG	Standards of Performance for Stationary Gas Turbines	06/27/89 02/24/06	10/17/01 02/25/09	01/03/08 Pending
K	Standards of Performance for Storage Vessels for Petroleum Liquids Construct After June 11, 1973 and Prior to May 19, 1978	10/17/00	06/20/07	01/03/08
Ka	Standards of Performance for Storage Vessels for Petroleum Liquids Construction after May 18, 1978	12/14/00	06/20/07	01/03/08
Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984	10/15/03	06/20/07	01/03/08
AAA	Standards of Performance for New Residential Wood Heaters	06/12/99 10/17/00	04/12/00 N/A	01/03/08 N/A
OOO	Standards of Performance for Nonmetallic Mineral Processing Plants	06/09/97 10/17/00	04/28/99 N/A	05/28/02 N/A
UUU	Standards of Performance for Calciners and Dryers in Mineral Industries	07/29/93 10/17/00	11/17/99 N/A	05/28/02 N/A
VVV	Standards for Polymeric Coating of Supporting Substrates Facilities	09/11/89	05/23/07	01/03/08
WWW	Standards of Performance for Municipal Solid Waste Landfills	04/10/00	08/13/97	06/24/98
AAAA	Standards of Performance for Small Municipal Waste Combustion Units	12/06/00	06/20/07	01/03/08
CCCC	Standards of Performance for Commercial and Industrial Solid Waste Incineration Units	12/01/00	06/20/07	01/03/08
EEEE	Standards of Performance for Other Solid Waste Incineration Units	12/16/05	06/20/07	01/03/08
KKKK	Standards of Performance for Stationary Combustion Turbines	07/06/06	02/25/09	06/01/09



The following NSPS have not been adopted by the District and are not delegated to the District. However, the District has the authority to enforce the NSPS through the Title V program. The rules listed below are the CFR versions of these rules, which are federally applicable requirements.

Subpart & Citation	RULE TITLE	Latest EPA Promulgation Date	District Adoption Date	Delegation Date
<b>Part 60</b>				
III	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	07/11/06	N/A	N/A
JJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	01/18/08	N/A	N/A

1. Rule Citations marked with an “††” contain no substantive requirements and are listed for informational purposes only.
2. ‘A/R’ Denotes enforceability of the listed applicable requirement as follows:
  - ‘F’ Denotes a Federal applicable requirement that is federally enforceable and District enforceable.
  - ‘D/F’ Denotes a District applicable requirement which is pending SIP approval. When such a rule receives SIP approval, it supersedes the existing SIP rule and becomes the Federal applicable requirement.
  - ‘D’ Denotes a District only applicable requirement. This may include some state requirements that are enforceable by the District.
3. District adoption dates marked with an “†” are the effective date of the rule, the actual adoption date is uncertain.
4. On September 17, 2010, EPA approved the District’s November, 4, 2009, revision to the table of exempt compounds in Rule 2, which can be administratively amended without Board action to amend the rule.

## APPENDIX C: ABBREVIATIONS THAT MAY APPEAR IN THIS PERMIT

APCO	Air Pollution Control Officer
ASTM	American Society for Testing and Methods
BACT	Best Available Control Technology
CAA	federal Clean Air Act
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CO <sub>2</sub>	Carbon Dioxide
District	San Diego County Air Pollution Control District
EF	Emission Factor
EPA	US Environmental Protection Agency
HAP	Hazardous Air Pollutant
I&M	Inspection and Maintenance
NESHAP	National Emission Standard for Hazardous Air Pollutants
NSPS	New Source Performance Standards
NSR	New Source Review
[NSR]	New Source Review based condition
NO <sub>x</sub>	Oxides of nitrogen
O <sub>2</sub>	Oxygen
OES	Office of Environmental Services
O&M	Operation and maintenance
Pb	Lead
PM	Total Particulate Matter
PM <sub>10</sub>	Particulate matter with aerodynamic equivalent diameter of ≤ 10 microns
PSD	Prevention of Significant Deterioration
RMP	Risk Management Plan
SDCAPCD	San Diego County Air Pollution Control District
SIP	State Implementation Plan
SO <sub>x</sub>	Oxides of sulfur
Title IV	Title IV of the federal Clean Air Act
Title V	Title V of the federal Clean Air Act
VOC	Volatile organic compound
Units of Measure:	
dscf	= Dry standard cubic foot
g	= grams
gal	= gallon
gr/dscf	= Grains per dry standard cubic foot
hr	= hour
lb	= pound
in	= inches
max	= maximum
min	= minute
MM Btu	= Million British thermal units
psia	= pounds per square inch, absolute
scf	= Standard cubic foot
scfm	= standard cubic feet per minute
yr	= year

**ATTACHMENT C  
APPLICATION FEE ESTIMATE**

**SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT  
APPLICATION FEE ESTIMATE**

Applicant Site ID/EIF ID:	APCD2000-SITE-03769	APCD2007-TVP-978478
Applicant DBA:	Escondido Energy	Fee Schedule: TV
		Reason for Submittal: Title V
		Existing Site? Yes
APCD Engineer:	Nick Horres	Estimate Date: 4/4/2022
Equipment Description:	To renew a Title V permit for a gas turbine electrical generating facility	

ACTIVITY	EMPLOYEE CLASSIFICATION	LABOR HOURS	COST	SUBTOTAL
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**Initial Evaluation Fee - T&M (Rule 40(d)(3)(i))**

Authority to Construct	Project Engineer		\$0.00	\$0.00	ETM
	Senior Engineer		\$0.00		
Permit to Operate	Project Engineer		\$0.00	\$0.00	ETM
	Senior Engineer		\$0.00		

**T&M Application - No Fixed Fee, see above**

Authority to Construct/Permit to Operate		N/A	T+M	\$0.00	ETM
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**Additional Evaluation and Processing Fees (Rule 40(d)(5))**

New Source Review	Project Engineer		\$0.00	\$0.00	NSR AQI
	Meteorologist		\$0.00		
Prev. Significant Deterioration	Project Engineer		\$0.00	\$0.00	PSD
Toxics New Source Review (Health Risk Assessment)	Project Engineer		\$0.00	\$0.00	TNS
	Meteorologist		\$0.00		
	Air Resources Specialist		\$0.00		
	HRA Base Estimate	N/A	\$0.00		
Title V	Project Engineer	40.0	\$7,880.00	\$8,356.00	TIV
	Senior Engineer	2.0	\$476.00		
NESHAPS/ATCM/NSPS	Project Engineer		\$0.00	\$0.00	HAP
CEQA	Project Engineer		\$0.00	\$0.00	CEQ
AB 3205 Notice	Project Engineer		\$0.00	\$0.00	AB3
	Public Notice Costs		\$0.00		
Equipment subject to Rule 11(a)(3)	Project Engineer		\$0.00	\$0.00	R51
	Senior Engineer		\$0.00		
H&SC 42301(e)	Project Engineer		\$0.00	\$0.00	HSC
	Senior Engineer		\$0.00		
Testing or Test Witness	Project Engineer		\$0.00	\$0.00	STF ad-hoc ad-hoc ad-hoc
	Senior Chemist		\$0.00		
	Associate Chemist		\$0.00		
	Source Test Technician		\$0.00		
Fixed Test Fee Sched.	NA	Fixed Testing Fees	\$0.00	\$0.00	ad-hoc

**Miscellaneous Fees**

Processing Fee (Rule 40(d)(1)(ii))		1.0	\$85	\$85.00	EFX
Renewal Fee (Rule 40(e)(2)(ii))		N/A	N/A	\$0.00	REN
Emissions Fee (Rule 40(e)(2)(iv))			N/A	\$0.00	EMF

**NOTES:**

**ESTIMATE TOTAL: \$8,441.00**

- (1) To avoid possible processing delays, this document should be submitted with your application forms.
- (2) The fees contained in this estimate are based on APCD Rule 40. Final fee may be more or less than this estimate (see Rule 40(d)(1)(iii)).
- (3) Emissions determined to be greater than 5 tons per year will be charged a emission fee on a ton per year basis. (see Rule 40 (e)(2)(iv)(A))
- (4) Fees paid by credit card will be assessed a 2.19% processing fee (see Rule 40(c)(5))
- (5) Federal government payments made through DFAS: Please reference the above listed Site ID Record number in your DFAS submittal.
- (6) This estimate is valid only for applications received by the District by June 30, 2022