EL CAJON ENERGY, LLC

650 BERCUT DRIVE, SUITE C SACRAMENTO, CALIFORNIA 95811 (916) 447-5171 • FAX (916) 447-7602

December 6, 2021

Nick Horres Senior Air Pollution Control Engineer San Diego APCD 10124 Old Grove Road San Diego, CA 92131

Subject:

Application for Title V Permit Renewal

El Cajon Energy, LLC (Site ID # APCD2009-SITE-06554)

Dear Mr. Horres,

El Cajon Energy, LLC (ECE) is an electrical generation facility operating a 49.95 MW simple-cycle electrical power generating system. The facility consists of one natural gas-fired turbine engine. With this application, ECE is requesting renewal of its Title V Permit to Operate (Permit APCD2013-TVP-00036) which expires on March 14, 2023. The current permit to operate is enclosed with the application forms.

A check in the amount of \$8,354.00 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 (530-713-5175 or scobbe@wellhead.com) or our consultant, Scott Weaver of Ramboll US Consulting (213.943.6360 or msweaver@ramboll.com).

Best regards,

Stephen J. Cobbe

Enclosures

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

EL CAJON ENERGY, LLC

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ATTACHMENT A APPLICATION FORMS

1		and the same of th
APP ID: APCD	-APP/CER-	
SITE ID: APCD	-SITE-	

GENERAL PERMIT OR REGISTRATION APPLICATION FORM



Submittal of this application does not grant permiss	ion to construct (or to operate equipment e	Sept as specified in	Rule 24(c).
REASON FOR SUBMITTAL OF APPLICATION:			77. 77. Obs	(March
☐ New Installation	Existing U	Inpermitted Equipment	Modification	
Amendment to Existing Authority to Construct or Application	Change of	Equipment Location		quipment Ownership roof of ownership)
Change of Permit Conditions	Change Pe	ermit to Operate Status	☐ Banking Em	issions
Registration of Portable Equipment	X Other (Spe	ecify) Title V Permit Renew	val	
List affected APP/PTO Record ID(s): APCD2013-T	VP-00036 AP	CD2011-PTO-000946		
APPLICANT INFORMATION Name of Business (DBA)El Cajon Energy, LLC Does this organization own or operate any other APCD If yes, list assigned Site Record IDs listed on your Perr Name of Legal Owner (if different from DBA)		nent at this or any other adj	acent locations?	Yes XNo
Equipment Owner	Alexander and a second a second and a second a second and	Authority to	Construct Mailin	ng Address
Name: El Cajon Energy, LLC		Name: El Cajon Energy, LLC	- W	
Mailing Address: 650 Bercut Drive, Suite C		Mailing Address: 222 N. Jol	inson Ave.	
City: Sacramento State: CA Zip:	95811	City: El Cajon	State: CA	Zip: 92020
Phone: (916) 447-5171		Phone: (619) 579-9002		
E-Mail Address: pcummins@wellhead.com		E-Mail Address: scobbe@w	zellhead.com	
Permit To Operate Mailing Addre	ess	The second secon	oice Mailing Addr	ess
Name: El Cajon Energy, LLC		Name: El Cajon Energy, LLC		
Mailing Address: 222 N. Johnson Ave.		Mailing Address: 650 Bereut	Drive, Suite C	N. COLOR ST. P. ST. ST. ST. ST. ST. ST. ST. ST. ST. ST
City: El Cojon State: CA Zip:	92020	City: Sacramento	State: CA	Zip: 95811
Phone: (619) 579-9002		Phone: (916)447-5171		
E-Mail Address: scobbe@wellhead.com	Man desired and a property of the control of the co	E-Mail Address; accountspa	yable@wellhead.com	Company of the compan
EQUIPMENT/PROCESS INFORMATION: Type equipment storage address. If portable, will operation		secutive months at the sa	me location 🔲 Yes	
Equipment Location Address 222 N. Johnson Ave.	***************************************	Ci	ty_El Cajon	State: CA
Parcel No. 487-121-65-00 Zip 92020	Phone (916) 447-5171 E-mail	l:_pcummins@well	nead.com
Site Contact Stephen Cobbe		Phone	(916) 447-5171	
General Description of Equipment/Process Simple cy	ycle natural gas fir	ed turbine, 49.95 MW	W-12	TEANTS WENTAGE
Application Submitted by X Owner Operator	r 🔲 Contractor	Consultant Affiliation	1	A MAN APPLIE OF THE OWNER OWNER OWNER OF THE OWNER OWNE
EXPEDITED APPLICATION PROCESSING: [a) Expedited processing will incur additional fees and perm Expedited processing is contingent on the availability of quaprocessing does not guarantee action by any specific date no	its will not be issued diffied staff c). Once	l until the additional fees are p engineering review has begur	oaid in full (see Rule 40	(d)(8)(iv) for details) b)
I hereby certify that all information provided on th	is application is t			
	Management with the same			21
(3) (5) (4) (4) (5) (5) (5) (6) (6) (7) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7				gy, LLC
Phone (916) 447-5171		Use Only	n Address <u>peummir</u>	ns@wellhead.com
designation and resident AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		A SECTION OF THE SECT		Early and the second
		Fee Sel		
		TA:		GEN_APP_Form_Rev Date: Aug. 201

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, requir 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 Perm 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 proviously 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 operatin 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
- 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 attact 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 t 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. I signing and submitting this application, an applicant agrees to such indemnification.

		PPLICATION mmary (FORM 1401-A1)	
-	El Cajon Energy, LLC		District Use Only NEDS # SITE ID #
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.	Street Address or Source Location:	State CA on Ave. State CA g: 3628803.4 Yes No (A Yes No (A Sole Ownership Phone #: (619) 579	Zip95811 Zip92020 Il sources <u>are</u> within 50 miles) Government 9-9002FAX #:(619) 579-9005 ustion gas turbine
	Is a Federal Risk Management Plan (RMP) pursuan (If application is submitted after RMP due date, atta YPE OF PERMIT ACTION	ch verification that plan is reg	EXPIRATION
(check)	The state of the s	(permit number)	(date)
	Initial Title V Application	N/A	N/A
X	Permit Renewal	APCD2013-TVP-00036	March 14, 2023
	Significant Permit Modification		
	Minor Permit Modification		
	Administrative Amendment		
2. 3. 4.	X Acid Rain Source	on 112] R64) [Compliance Assurance Yes X No es X No (If Yes, please	Monitoring] Proposed attach variance information)
ıv. su	N/A JPPLEMENTAL ATTACHMENTS*: Means all attachments to the complete application		

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		V APPLICATION e Summary (FORM 1401-A2)	
	Company Name		District Use Only
El Cajo	on Energy, LLC		NEDS# SITE ID#
Cheek appropr	R SOURCE APPLICABILITY iate pollutant(s) for which you are a Major is necessary, use additional forms. Plea		is based on potential to em
	POLLUTANT	MAJOR SOURCE THRESHOLD TOTAL EMISSIONS, TPY	(check if appropriate)
	VOC	100	The state of the s
	PM10	100	
	SO ₂	100	
	NOx	100	
	CO	100	
	ODC	100	
	LEAD COMPOUNDS	10	
	HAZARDOUS AIR POLLUTANTS		
	SINGLE HAP	10	
	\$100 MARK TO SERVICE STATE OF THE SERVICE STATE STATE STATE STATE OF THE SERVICE STATE	The state of the s	
	COMBINATION HAP	25	
	The second secon	AND ANALOSE TREE FOR ANALOS STREET, AND ANALOS STREET, ANALOS STREET	man unamero e con espera
	Title IV Acid Rain facility	The second secon	X
	Cartina and Schooling Association of the Section Control of the Sect		
Emiss Refer	11	Invento	ry Year
Emiss Refer Signature	of Responsible Official	Invento 12 Date	ry Year
Emiss Refer Signature Paul Z.	of Responsible Official	Invento 12 Date (916)	ry Year
Emiss Refer Signature Paul Z. (Print Nan	of Responsible Official Cummins ne of Responsible Official	Invento 12 Date (916)	ry Year
Emiss Refer Signature Paul Z. Print Nan Vice Pre	of Responsible Official Cummins ne of Responsible Official	Invento 12 Date (916)	ry Year
Emiss Refer Signature Paul Z. Print Nan Vice Pro	of Responsible Official Cummins ne of Responsible Official csident	Invento 12 Date (916) Telepho	ry Year
Emiss Refer Signature Paul Z. 6 Print Nan Vice Pro Title of R II. EMISS	of Responsible Official Cummins ne of Responsible Official esident esponsible Official conscient (as)	Date (916) Telepho	Ty Year
Emiss Refer Signature Paul Z. 6 Print Nan Vice Pro Title of R II. EMISS	of Reponsible Official Cummins ne of Responsible Official esident esponsible Official HONS CALCULATIONS ATTACHED (as	Invento 12 Date (916) Telepho needed)	A47-5171 one No. of Responsible Offi
Emiss Refer Signature Paul Z. (Print Nan Vice Pro Title of R II. EMISS	of Responsible Official Cummins ne of Responsible Official esident esponsible Official conscient (as)	Invento 12 Date (916) Telephote Telephote TRICT USE ONLY Application #	Ty Year

CERTIFICATION STATEMENT

El Cajon Energy, LLC El Cajon Energy Center 222 N. Johnson Avenue, El Cajon, CA 92020

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

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 following process is less than the distance to the nearest public receptor: Aqueous Ammonia Storage Tank for the NOx Reduction System. Within the past five years, the process has had no accidental release that caused offsite impacts provided in the risk management program Section 2735.4 (c) (1). No additional measures are necessary to prevent offsite impacts from accidental releases. In the event of fire, explosion, or a release of a regulated substance from 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 certified to be true, accurate, and complete.

1	
	STEPHEN A COBBE
Signature	Print Name
PLANT MANAGER	5/21/2Ø
Title	Date

TITLE V APPLICATION Insignificant Activity List (Form 1401-G)

Company Name	District Use Only
El Cajon Energy, LLC	NEDS #
Facility Address: 222 N. Johnson Ave., El Cajon, CA 92020	SITE ID #

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)

(Condensed Language of Rule)	Appendix A Citation
Stationary & portable internal combustion engines with ≤ 50 bhp output rating	(d)(1)(iii)
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)
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)
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)
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)
Steam boilers, process heaters, and steam generators with a maximum gross heat input of < 5 million Btu/hour	(d)(4)(iii)
Crucible-type or pot-type furnaces with a brimful capacity of < 450 in 3 of any molten metal	(d)(12)
Crucible, pot or induction furnaces with a capacity of \leq 2500 in ³ , 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)
Dry batch mixers with ≤ 0.5 cubic yards rated working capacity	(d)(27)
Batch mixers (wet) with ≤ 1 cubic yard capacity where no organic solvents, diluents or thinners are used.	(d)(28)
Roofing kettles (used to heat asphalt) with a capacity of ≤ 85 gallons	(d)(33)
Abrasive blasting equipment with a manufacturer's-rated sand capacity of < 100 lbs or < 1 ft ³	(d)(34)
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)
Ovens having an internal volume of \leq 27 ft ³ in which organic solvents or materials containing organic solvents are charged	(d)(59)
Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks with a liquid surface area of $\leq 1.0~\mathrm{ft}^2$	(d)(61)(i)
Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks which have a maximum capacity of ≤ 1 gallon	(d)(61)(ii)

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

Continued - Exemptions based on Size (Capacity)

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	(Condensed Language of Rule)	Appendix A Citation
	Stationary organic compound storage tanks with a capacity of ≤ 250 gallons	(e)(1)
	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)
	Liquid surface coating application operations using air brushes with a coating capacity of ≤ 2 ounces for the application of a stencil coating	(h)(6)
	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)
	Bakery ovens used for baking yeast leavened products where the combined rated heat input capacity is ≤ 2 million Btu/hr	(o)(37)
Exem	aptions based on Production Rates (Emission Limits)	
	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)
	Solder levelers, hydrosqueegees, wave solder machines, and drag solder machines which use < 10 lbs/day of any material containing VOCs	(d)(23)
	Fire extinguishing equipment, using halons with a charge of < 50 lbs. of a Class I or Class II ozone depleting compound.	(d)(31)
	Coffee roasting equipment with a manufacturer's rating of ≤ 15 lbs/hr	(d)(45)
	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)
	Oil quenching tanks which use < 20 gal/yr of make-up oil	(d)(56)
	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)
	Powder coating operations, except metalizing gun operations, where surface preparation or cleaning solvent usage is < 0.5 gal/day	(d)(62)
	Equipment used to transfer fuel to & from amphibious ships for maintenance purposes, provided total annual transfers $\leq 60,000$ gal/yr.	(f)(2)
	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)
	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)
	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)
	Foam manufacturing or application operations which emit < 5 lbs/day of VOCs	(i)(1)
	Reinforced plastic fabrication operations using resins such as epoxy and/or polyester which emit $< 5 \text{ lbs/day}$ of VOCs	(i)(2)
	Plastics manufacturing or fabrication operations which emit < 5 lbs/day of VOCs	(i)(3)
	Cold solvent degreasers used for educational purpose and which emit < 5 lbs/day of VOCs	(i)(4)

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TITLE V APPLICATION	
Insignificant Activity List (FORM 1401-G)	
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)
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)
Peptide and DNA synthesis operations which emit < 5 lbs/day of VOCs	(i)(7)
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)
Hot wire cutting of expanded polystyrene foam which emit < 5 lbs/day of VOCs.	(i)(9)
Any coating and/or ink manufacturing operations located at a stationary source, which emit < 15 lbs/day of VOCs.	(o)(9)
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)
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)
Atmospheric organic gas sterilizer cabinets where ethylene oxide emissions are < 5 lbs/yr	(0)(28)
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)
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)
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)
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	District Use Only
El Cajon Energy, LLC	NEDS #

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
	Facility Applicable Requirement Description										
10(a)	Permits Required - (a) Authority to Contruct			X	X						
10(b)	Permits Required – (b) Permit to Operate			X	X						
19	Provision of Sampling & Testing Facilities			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	1					
101	Burning Control			X							
131	Stationary Source Curtailment Plan										
132	Traffic Abatement Plan										

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Turbine									Future Effective Date
	Equipment Specific Applicable Requirement Descripti	on				_			_		T T			
50	Visible Emissions											\rightarrow		
51	Nuisance					_	_		-			-		
52	Particulate Matter	Method 5		X	X	_						_		
53	Specific Contaminants	Method 5			X							_		
53.1	Scavenger Plants								_					
54	Dust and Fumes	Method 5			X									
58	Incinerator Burning													
59	Control of Waste Disposal - Site Emissions	(e)	(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 Fucls				X	_								
64	Reduction of Animal Matter											_		
66	Organic Solvents	(p)	(0)											
66.1	Misc. Surface Coating Operations & other Processes Emitting VOC (not in SIP)	(h)	(f)											
67.1	Alternative Emission Control Plans (AECP)	(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)											

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, 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, Reports, 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	(e)										
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											

71	Abrasive Blasting													
/1	Applicability, Definitions, Emission Calculations,							_	+					
	Emission Offsets and Banking, Exemptions, and				X									
20.1	Other Requirements (SIP Version 7/5/79)													
	NSR - General Provisions (Version 11/4/98) (not in				X									
20.1	SIP)			-		 -	-	-	-		-			
20.2	Standards for Authority to Construct Best Available Control Technology (SIP Version 7/5/79)				X									
20.2	NSR – Non-major Stationary Sources (Version 11/4/98) (not in SIP)				X									
20.3	Standards for Authority to Construct - Air Quality Analysis (SIP Version 7/5/79)													
			T		1					-				
RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Turbine									Future Effective Date
	NSR - Major Stationary Source and PSD													
20.3	Stationary Source (Version 11/4/98) (not in SIP)						_	_	_	_	-	-		
20.4	Standards for Authority to Construct - Major Sources (SIP Version 7/5/79)													
20.4	NSR – Portable Emission Units (Version 11/4/98) (not in SIP)													
20.5	Power Plants (SIP Version 7/5/79)													
20.6	Standards for Permit to Operate Air Quality Analysis (SIP Version 7/5/79)													
SUBPART	Regulation X - Standards of Performance for New Stationary Sources (NSPS)	Rule#	Rule #											
A	General Provisions		260.7 260.13	х										
D	Standards of Performance for Fossil-Fuel Fired Steam Generators	260.46	260.45											
Da	Standards of Performance for Electric Utility Steam Generating Units Constructed After September 18, 1978		260.47a 260.48a 260.49a											
Db	Standards of Performance for Industrial- Commercial-Institutional Steam Generating	260.45b 260.46b	260.47b 260.48b 260.49b											
Е	Standards of Performance for Incinerators	260.54	260.53											
I	Standards of Performance for Asphalt Concrete Plants	260.93												

											_			
	Standards of Performance for Storage Vessels for													
K	Petroleum Liquids Constructed after June 11,		250 110											
	1973 and Prior to May 19, 1978		260.113			 			_	_	_	_	-	
	Standards of Performance for Storage Vessels for													
Ka	Petroleum Liquids Constructed after May 18,	250 112	260 115											
	1978	260.113a	260.115a					_	_	_	_	-	+-	
	Standards of Performance for Volatile Organic													
	Liquid Storage Vessels (Including Petroleum													
Kb	Liquid Storage Vessels) for which Construction,		260.115b											
	Reconstruction, or Modification Commenced	260.113b	260.115b											
	after July 23, 1984	200.1150	200.1100				_			_		_	_	
			1											
		Test	Monitoring,	Facility	Turbine									
		Method or	Records,	-ac	dru									Future
	THE PROGRAMMENT	Rule	Reports,		H									Effective
RULE	RULE DESCRIPTION	Section	Rule Section											Date
Subpart				,								_		
	Standards of Performance for Secondary Lead													
L	Smelters	260.123							_	_			-	
	Standards of Performance for Secondary Brass													
M	and Bronze Ingot Production Plants	260.133							_	-	-	-	-	
	Standards of Performance for Sewage Treatment	200 151	260 152											
O	Plants	260.154	260.153	-	-				_	-	-	-	-	
DD	Standards of Performance for Grain Elevators	260.303								_				
	Standards of Performance for Surface Coating	260.313	260.314											
EE	Metal Furniture	260.316	260.315	_	-				_	-	_	_		
	Standards of Performance for Stationary Gas		260.224		Х									
GG	Turbines	260.335	260.334		-				_	-	-		_	
	Standards of Performance for the Graphic Arts	260.433	260 424											
QQ	Industry: Publication Rotogravure Printing	260.435	260.434	-	-				-	-	_	-	+	
	Standards of Performance for the Pressure	260 444	260,445											
DD	Sensitive Tape and Label Surface Coating	260.444 260.446	260.443											
RR	Operations Standard of Performance for the Industrial	260.440	260.454	-	-		_		_	_	_	1	+-	
SS	Surface Coating Large Appliances	260.456	260.455											
33	Standards of Performance for Metal Coil Surface	260.463	260.464											
TT	Coating	260.466	260.465											
1.1	Coating	200.100	260.544											
	Standards of Performance for the Rubber Tire	260.543	260.545											
BBB	Manufacturing Industry	260.547	260.546											
שטט	Standards of Performance for Flexible Vinyl and		260.584											
FFF	Urethane Coating and Printing	260.583	260.585											
	Standards of Performance for Petroleum Dry													
JJJ	Cleaners													

SUBPART	New Source Performance Standards (40 CFR 6	00)	T	1			Т		Т		Т	T				
Cb, F	Portland Cement Plants				-			-	-	-	-	-	-	_	-	
Dc	Small Industrial -Commercial -Institutional Steam Generators >10 MM Btu but <100 MM Btu.															
Ea	Municipal Waste Combustors				-											
	Nitric Acid Plants			-	-	\vdash							\neg			
G	Sulfuric Acid Plants					_			$\overline{}$				\rightarrow			
H & Cb	Sulfuric Acid Plants				_								 			
RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Turbine											Future Effective Date
Subpart			1	_	-	_										
N	Oxygen Process Furnaces														-	
Na	Oxygen Process Steelmaking Facilities															
P	Primary Copper Smelters															
Q	Primary Zinc Smelters															
R	Primary Lead Smelters															
S	Primary Aluminum Reduction Plants															
T&U	Phosphate Fertilizer Industry															
V,W,X	Phosphate Fertilizer Industry															
Y	Coal Preparation Plants															
Z	Ferroalloy Production Facilities															
AA, AAa	Steel Plants															
ВВ	Kraft Pulp Mills															
CC	Glass Manufacturing Plants															
НН	Lime Manufacturing Plants															
KK	Lead-Acid Battery Manufacturing Plants															
LL	Metallic Mineral Processing Plants															
MM	Automobile and Light-Duty Truck Surface Coating Operations															
NN	Phosphate Rock Plants															
PP	Ammonium Sulfate Manufacture															
UU	Asphalt Processing and Asphalt Roofing Manufacture															

VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry.													
ww	Beverage Can Surface Coating Industry													
XX	Bulk Gasoline Terminals													
AAA	New Residential Wood Heaters													
DDD	VOC Emissions from the Polymer Mfg. Ind.													
GGG	Equipment Leaks of VOC in Petroleum Refineries.													
RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Turbine									Future Effective Date
Subpart				_	_		_	1						
ННН	Synthetic Fiber Production Facilities			1		_							_	
KKK, LLL	Onshore Natural Gas Processing: VOC Equipment Leaks and SO ₂ Emissions.													
ННН	Synthetic Fiber Production Facilities													
KKK, LLL	Onshore Natural Gas Processing: VOC Equipment Leaks and SO ₂ Emissions.													
NNN	VOC Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations. Standard of Performance for Nonmetallic Mineral													
000	Processing Plants													
PPP	Wool Fiberglass Insulation Mfg. Plants			-		-								
QQQ	VOC Emissions from Petroleum Refinery Wastewater Systems.													
RRR	VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes.													
SSS	Magnetic Tape Coating Facilities													
TTT	Industrial Surface Coating Surface, Surface Coating of Plastic Parts for Business Machines.													
UUU	Calciners and Dryers in Mineral Industries.													
VVV	Polymeric Coating of Supporting Substances Facilities.													
www	Standards of Performance for Municipal Solid Waste Facilities													

IIII	Stationary Compression Ignition Internal Combustion Engines NSPS											
JJJJ	Stationary Spark Ignition Internal Combustion Engines NSPS											
SUBPART	REGULATION XI - NATIONAL EMISSION STANDARD POLLUTANTS (NESHAPS)	S FOR HAZARI	OOUS AIR									
A	General Provisions			X								
C, D	Beryllium Extraction Plants; Ceramic Plants, Foundries, Incinerators, Propellant Plants, and Machine Shops that Process Beryllium Containing Material; and Rocket Motor Firing Test Sites.											
RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Turbine							Future Effective Date
Subpart							 					
E	Mercury Ore Processing; Manufacturing Processes Using Mercury Chloralkali Cells; and Sludge Incinerators.											
F	Ethylene Dichloride Mfg. Via Oxygen, HCI and Ethylene; Vinyl Chloride Mfg.; and Polyvinyl Chloride Mfg.											
М	Asbestos Mills; Roadway Surfacing with Asbestos Tailings; Manufacture of Products Containing Asbestos; Demolition; Renovation; and Spraying and Disposal of Asbestos Waste.			x								
SUBPART	NESHAPS (40 CFR 61)						-					
B,Q,R, T,W,	Underground Uranium Mines; Dept. of Energy Facilities; Phosphorus Fertilizer Plants; & Facilities Processing or Disposing of Uranium Ore & Tailings.											
H,I,K	Dept. of Energy; Nuclear Regulatory Commission Licensed Facilities; Other Federal Facilities; and Elemental Phosphorus Plants. (Radionuclide)											
J,L,Y, BB,FF	Fugitive Process, Storage, and Transfer Equipment Leaks; Coke By-Product Recovery Plants; Benzene Storage Vessels; Benzene Transfer Operations; and Benzene Waste Operations.											

	Glass Manufacturer; Primary Copper Smelter;					1								
	Arsenic Trioxide and Metallic Arsenic Production													
N,O,P	Facilities.			-				-		+				
	Pumps, Compressors, Pressure Relief Devices, Connections, Valves, Lines, Flanges, Product													
V	Accumulator Vessels, etc. in VHAP Service.													
SUBPART	MACT Standards (40 CFR 63)													
F,G,														
H,I	Amendment: Reopening, Averaging Issue			-		-	_	-	-	-			-	
L	Coke Ovens							_		-			-	
0	Ethylene Oxide Sterilizers			-				_		-		_	_	
Q	Industrial Process Cooling Towers	-								-			-	
R	Gasoline Distribution Facilities													
RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Turbine									Future Effective Date
Subpart					1					1				
T	Halogenated Solvent Cleaning Degreasing													
X	Secondary Lead Smelters													
Y	Marine Tank Loading/Unloading													
CC	Petroleum Refineries													
DD	Off-Site Waste and Recovery Operations													
EE	Magnetic Tape							_						
GG	Aerospace (Coatings)													
II	Shipbuilding for Ship Repair (Surface Coating)													
JJ	Wood Furniture Industry (Coatings)													
KK	Printing and Publishing													

AAAA	Municipal Solid Waste Landfills								
DDDDD	Industrial, Commercial and Institutional Boilers and Process Heaters								
מממממ	Surface Coating of Miscellaneous Metal Parts							_	
MMMM	and Products								
PPPP	Surface Coating of Plastic Parts				 	 			
ZZZZ	Reciprocating Internal Combustion Engines								
YYYY	Stationary Combustion Turbines								
	California Requirements Under 17 CCR Includin Toxic Control Measures (ATCM)	g Airborne							
§93102	Hexavalent Chromium from Chrome Plating and Chromic Acid Anodizing Operations (equivalency under CAA given at 40 CFR 63.99)								
§93109	Perchloroethylene from Dry Cleaning Operations (equivalency under CAA given at 40 CFR 63.99)								
§93115	Stationary Compression Ignition Engines								
§93116	Diesel Particulate Matter from Portable Engines Rated ≥50 Horsepower								
§§95460 – 95476 and Appx I	Methane Emissions from Municipal Solid Waste Landfills								
	40 CFR Part 64 - Compliance Assurance Monitoring								
	40 CFR Part 68 Chemical Accident Prevention								
	Title IV - Acid Rain (40 CFR 72 through 78)		X	x					
	Title VI-Ozone Depleting Compounds (40 CFR 82	2)							
В	Servicing of Motor Vehicle Air Conditioners	В	X						
F	Servicing of Other Air Conditioners	F	X						

TITLE V APPLICATION LIST OF PERMITS BY EQUIPMENT CATEGORY (FORM 1401-H2)

Company Name	District Use Only
El Cajon Energy, LLC	NEDS#
Facility Address: 222 N. Johnson Ave., El Cajon, CA 92020	SITE ID #

PERMITTED EMISSION UNITS BY EQUIPMENT CATEGORY

In the emission unit (equipment) category order entered on Form 1401-H1, Applicable Requirements Summary Checklist, list emission units by permit number for the specific emission unit (equipment) category. Under the column labeled status place an "O" if operational, "N" if non-operational, or "S" if the equipment is new and currently operating under a startup authorization. If more space is required, use additional forms. Please type or print legibly.

Emission Unit Category	Application/ Permit No.	Status of Emission Unit
Natural gas fired combustion turbine	APCD2011-PTO-000946	O
		Λ

Page	1	of	1	
0 -				

		TITLE V APPLICATION	0.1 13
		Certification Statement (FORM 14	011)
		Company Name	District Use Only
El Cajon E	nergy	. LLC	2011241111
		2 N. Johnson Ave., El Cajon, CA 92020	NEDS#STEID#
donny rudnes.	J. 222		alle 10 II
Inder penalty of j heck each box fo		y, identify the following: (Read each statement co firmation.)	wefully and
Applicable Appli	lot cable		
X		Based on information and belief formed after reas- identified in this application will continue to comp with which the source is in compliance. The applic source(s) is/are not in compliance is/are identified Compliance.	ly with the applicable requirement cable requirement (s) with which the
		Based on information and belief formed after reas identified in this application will comply with the j requirement(s) on a timely basis.	The state of the s
	X	Based on information and belief formed after reas identified in the Schedule of Compliance applicati compliance with the applicable requirement(s), wi attached compliance plan schedule.	on form that is/are not in
X		Based on information and belief formed after reas application forms, referenced documents, all acco required certifications are true, accurate, and con	mpanying reports, and other
X		All fees required by Regulation III, Rule 40 have I	been paid.
			12-21-21
Signature of Resp	ponsibl	e Official	Date
Paul Z. Cum			(916) 447-5171
Print Name of Re		ble Official	Telepone No. of Responsible Official
Vice Preside	ent		

Title of Responsible Official

	TITLE V APPLICATION	
Complian	nce Certification Schedule (FORM 1401-K)	

Company Name	District Use Only
El Cajon Energy, LLC	NEDS #
Facility Address: 222 N. Johnson Ave., El Cajon, CA 92020	SITE ID #

In numerical order, list all sources that have federally enforceable requirements for compliance certification on a more frequent basis than once per year. If more space is required, use additional forms. Please type or print legibly.

Permit No.	Emission Unit Name	Applicable Requirements	Frequency
	Not applicable. Permitted unit requires complian	nce certification once per year.	

			4
Page	1	of	1
1 age		01	

TITLE V APPLICA	TION
Schedule of Compliance (I	FORM 1401-L)
Company Name	District Use Only
El Cajon Energy, LLC	NEDS#

SOURCES NOT IN COMPLIANCE

Facility Address: 222 N. Johnson Ave., El Cajon, CA 92020

SITE ID#

In numerical order, list all emission units by permit number that do not comply with a federally enforceable requirement. Describe how the source will achieve compliance. Propose a schedule to correct the deficiencies, and include a schedule for progress reports. Reports must be submitted at least every six months. If the source is operating under a judicial consent decree or administrative order, the Schedule of Compliance must be at least as stringent. If more space is required, use additional forms. Please type or print legibly.

Permit No.	Emission Unit Name	Applicable Requirements	Compliance Schedule Attachment
Not applicable - F	acility emission unit complies with	all applicable requirements.	

201	1	100	1
Page	I	of	1
1 450	_		

TITLE V APPLICATI Abatement Devices (FORM	
Company Name	District Use Only
El Cajon Energy, LLC	NEDS #
Facility Address: 222 N. Johnson Ave., El Cajon, CA 92020	SITE ID #

LIST OF ABATEMENT DEVICES

In numerical order, list all abatement devices, the abatement device, name or description, and the emission unit or operation abated. If more space is required, use additional forms. Please type or print legibly.

Permit No(s)	Abatement Device Name or Description	Emission Unit(s) or Operation(s) Abated
APCD2011-PTO-000946	Selective Catalytic Reduction system	Natural gas fired turbine
5		

Page _	1	_of_	1	
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	TITLE V APPLICATION	
	Alternative Operating Scenario (F	ORM 1401-N)
***************************************	Company Name	District Use Only
El Cajon Energy, LLC		NEDS #
Facility Address: 222 N. Johnson Ave., El Cajon, CA 92020		SITE ID #
his form, using one	escription, and an emission change. Attach calculation form for each scenario. Please type or print legibly io #Not applicable. The facility is not applying	7.
TITLE		
DESCRIPTION		
EMISSION CHAI	MOD	

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

TITLE V APPLICATION Multiple Applicable Requirements Streamlining (FORM 1401-O)

Company Name	District Use Only
El Cajon Energy, LLC	NEDS #
Facility Address: 222 N. Johnson Ave., El Cajon, CA 92020	SITE ID #

MULTIPLE APPLICABLE REQUIREMENTS STREAMLINING

If more space is required, use additional forms. Please type or print legibly.

Application No(s) Permit No(s)	Multiple Applicable Requirements	Streamlined Requirements	Attachment Number
	Not applicable.	Not applicable.	
141			
	^		

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1 420	1	of	1	Page

TITLE V APPLICATION Permit Shield (FORM 1401-Q)	
Company Name	District Use Only

Company Name El Cajon Energy, LLC Facility Address: 222 N. Johnson Ave., El Cajon, CA 92020 District Use Only NEDS # SITE ID

REQUEST FOR PERMIT SHIELD

If more space is required, use additional forms. Please type or print legibly.

Application No(s) Permit No(s)	Requirements to be Shielded	Basis	Attachment Number
	No permit shield applies.		
		so costument and a second	
	,		
			-

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Dage	1 of 1	
Page	1 01 1	

EL CAJON ENERGY, LLC

650 BERCUT DRIVE, SUITE C SACRAMENTO, CALIFORNIA 95811 (916) 447-5171 • FAX (916) 447-7602

ATTACHMENT B
CURRENT TV PERMIT

San Diego County Air Pollution Control District

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

TITLE V OPERATING PERMIT APCD2013-TVP-00036

Issued To:

El Cajon Energy LLC Site ID # APCD2009-SITE-06554

Site Address

222 N. Johnson Ave. El Cajon, CA. 92020 (619) 579-9002

Mailing Address

650 Bercut Dr #C Sacramento, CA. 95811

Responsible Official –Paul Z. Cummins Facility Contact – Stephen Cobbe Permit Information Contact – Stephen Cobbe

Issued by the San Diego County Air Pollution Control District on March 15, 2018

This Title V Operating Permit expires on March 14, 2023

Jim Swaney, P.E., Chief of Engineering

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El Cajon Energy LLC Title V Permit

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	County of SD Law Library	County of SD Law Library
(Library & Public Review Area)	(Downtown)	(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

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

SD Air Pollution Control District	USEPA Region IX
Compliance Division	Director of the Air Division Attn: Air-3
10124 Old Grove Rd	75 Hawthorne Street
San Diego, CA 92131-1649	San Francisco, CA 94105

SECTION I. REGULATION XIV PERMIT REQUIREMENTS

A. ADMINISTRATIVE PERMIT TERMS

- 1. This Title V Operating Permit expires five 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]

El Cajon Energy LLC Title V Permit

- 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 enforcement action; 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
SDAPCD Reg. II	10	Permits Required
SDAPCD Reg. II	19	Provision of Sampling & Testing Facilities
SDAPCD Reg. II	19.3	Emission Information
SDAPCD Reg. II	20.2	New Source Review
SDAPCD Reg. II	21	Permit Conditions
SDAPCD Reg. IV	60	Circumvention
SDAPCD Reg. V	98	Breakdown Conditions: Emergency Variance
SDAPCD Reg. VI	101	Burning Control

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
SDAPCD Reg. IV	50	Visible Emissions
SDAPCD Reg. IV	51	Nuisance
SDAPCD Reg. IV	52	Particulate Matter
SDAPCD Reg. IV	53	Specific Contaminants
SDAPCD Reg. X	40 CFR 60 Subpart A	NSPS General Provisions
SDAPCD Reg. XI	40 CFR 63 Subpart A	NESHAP General Provisions
SDAPCD Reg. XI	40 CFR 61Subpart 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.

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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 continuous monitoring of CO2 and NOx on each applicable exhaust stack in accordance with 40 CFR Parts 72 and 75. [40 CFR Parts 72 and 75]
- 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 NOx 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 SO2 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 (EDRs) to EPA for the emissions from each applicable exhaust stack in a 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

The District Permits listed in the attached Appendix A, including all terms and conditions of such permits, constitute the emission unit portion of this Title V Operating Permit document.

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
SDAPCD Reg. II	19.2	Continuous Emission Monitoring Requirements
SDAPCD Reg. II	NSR	New Source Review
SDAPCD Reg. IV	52	Particulate Matter
SDAPCD Reg. IV	53	Specific Contaminants
SDAPCD Reg. IV	54	Dust and Fumes
SDAPCD Reg. IV	62	Sulfur Content of Fuels

C. INSIGNIFICANT EMISSION UNITS AND ACTIVITIES

The permittee shall comply with all applicable requirements for any Insignificant Units located at this facility that are listed at District Regulation XIV, Appendix A. Insignificant Units at this facility include the following:

• 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.

SECTION IV. VARIANCE PROCEDURES

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: DISTRICT PERMITS

Permit Number	Source Category
APCD2011-PTO-000946	Gas Turbine Engine Generator



Site ID:

App ID:

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: 4. L

APCD2009-SITE-06554

APCD2015-APP-003978

PERMIT IE APCD2011-PTO-000946

EQUIPMENT ADDRESS

El Cajon Energy Paul Cummins 222 N Johnson Avenue

El Cajon CA 92020

El Cajon Energy LLC Paul Cummins 650 Bercut Dr, #C Sacramento CA, 95811

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

El Cajon Energy LLC Paul Cummins 650 Bercut Dr #C, Sacramento, CA 95811

EQUIPMENT DESCRIPTION

The permitted emission unit ("Emission Unit") consists of the following: Gas Turbine Engine Generator: General Electric, Mode LM-6000PC Sprint, 49.95 MW capacity, 472.5 MMBtu/hr (HHV) heat input, natural gas-fired, simple-cycle, S/N 191-619 with an integrated water injection system; a Cormetech selective catalytic reduction ("SCR") system, including an automatic ammonia injection control system; an oxidation catalyst; a Continuous Emission Monitoring System ("CEMS") for NOx, CO and O2; and data acquisition and handling system ("DAS"); two (2) Cambridge Engineering Industrial Process Heaters, Model S1600, rated at 1.375 MMBtu/hr each.

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 [92R] VOC Lab Analysis1 [92I] Ammonia Source Test1 [92F] NOx and CO Source Test

BEC: APCD2011-CON-000374

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

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A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

- 1. In the event that the gas turbine engine with S/N 191-619 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 191-619 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 191-619 after it has been repaired. Prior to operating the gas turbine engine with S/N 191-619, the applicant shall notify the District, in writing, that this construction has been completed. [NSR]
- 2. The temporary gas turbine engine shall 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. This equipment shall be properly maintained and kept in good operating condition at all times. [NSR]
- 4. The Emission unit shall be fired on Public Utility Commission (PUC) quality natural gas only. The permittee shall maintair 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]
- 5. Hourly, monthly and annual records of fuel usage shall be maintained and made available to the District upon request. [NSR; Rule 69.3 or Rule 69.3.1]
- 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]
- 7. In the event of a breakdown in an automatic ammonia injection control system, the unit shall be shut down or a trained operator shall operate the ammonia injection control system manually and the breakdown shall be reported to the District Compliance Division pursuant to Rule 98(b)(1) and 98(e). [Rule 98]
- 8. All records required by this permit shall be kept for a minimum of three (3) years and made available to District personne upon request.
- 9. For this Emission Unit, the applicant shall hold allowances in accordance with 40 CFR 72.9(c)(i).
- 10. The emission from the Emission Unit, except during startups and shutdowns, shall not exceed the following emissions limits, as determined by the continuous emission monitoring system (CEMS) and /or District-approved emission testing that calculates an average of three subtests. Compliance with each limit shall be as follows:

Oxides of Nitrogen:

4.4 lbs/hr on a 1 clock-hour basis

Carbon Monoxide:

6.4 lbs/hr on a 3 clock-hour basis

[NSR]

Volatile Organic Compounds (VOC)

1.2 lbs/hr on a 1 clock-hour basis

11. This Emission Unit shall not be operated more than 2500 hours per calendar year. [NSR]

12. The Emission Unit shall not exceed the following emissions limits:

Oxides of Nitrogen (NOx):
Oxides of Sulfur (SOx):
Particulate Matter (PM10):

1.2 tons/year; 4.2 tons/year;

7.4 tons/year;

Carbon Monoxide (CO):

4.2 tons/year; 14.1 tons/year

Volatile Organic Compounds (VOC):

2.5 tons/year

[NSR]

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- 13. 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 clock 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 startups or shutdowns. [NSR]
- 14. Emissions of carbon monoxide (CO) form 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 rolling 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 or shutdowns. [NSR]
- 15. Emissions of volatile organic compounds (VOC), standardized and reported as methane per Test Methods 25A and/or 18 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 clock hour period. At the time of the initial compliance test, a District-approved CO/VOC surrogate relationship shall be established. Compliance with this limit shall be demonstrated continuously based on CEMS data, using the established CO/VOC surrogate relationship, and based upon source testing calculated as the average of three test runs. The CO/VOC surrogate relationship shall be verified and/or modified, if necessary, based on subsequent source testing. This limit and the corresponding CO/VOC surrogate relationship shall not apply during startups and shutdowns. [NSR]
- 17. For the purpose of this permit to operate, startup period shall be defined as the 30-minute time period starting when fuel flow begins. Shutdown period shall be defined as the 15-minute period preceding the moment at which fuel flow ceases. The data acquisition and handling system (DAS), as required by 40 CFR 75, shall record these events. [NSR; Rule 21]
- 18. During a startup, the emissions from this emission unit shall not exceed the following emission limits as determined by the continuous emissions monitoring system (CEMS), and/or District-approved emission 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
INSR1

19. During a shutdown that occurs after the commissioning period, the emissions from this emission unit shall not exceed the following emission limits as determined by the continuous emissions monitoring system (CEMS), and/or District-approved emission testing.

Pollutant Shutdown Emission limit, lbs/event
Oxide of Nitrogen, NOx (calculated as NO2)
Carbon Monoxide, CO 8.9
Volatile Organic Compounds, VOC 1.4

[NSR]

- 20. For each startup and shutdown, the DAS shall record the actual times, duration and amount of fuel used. [NSR]
- 21. Operating logs or Data Acquisition System (DAS) records shall be maintained to record the following: a.beginning and end times, to the nearest minute, of all startups and shutdowns; b.fuel usage, in standard cubic feet, for each clock hour, calendar month, and 12-calendar month period; c.hours of daily operation; and d.total cumulative hours per calendar year. [NSR]
- 22. A Continuous Emission Monitoring System (CEMS) shall be installed and calibrated to measure, calculate and record the concentration and hourly mass emission rate of oxides of nitrogen (NOx), the hourly average concentration and daily mass emission rate of carbon monoxide (CO), and the percent oxygen (O2) in the exhaust gas, including during the commissioning period. [NSR]

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The Oxides of Nitrogen (NOx) and Oxygen (O2) CEMs shall be certified and maintained in accordance with applicable 23. 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 -the CEMs protocol approved by the District. The Carbon Monoxide (CO) CEMS shall be certified and maintained in accordance with 40 CFR 60. (40 CFR Part 75, 40 CFR Part 60), and a CEMS protocol

approved by the District, unless otherwise specified in this permit. [NSR; 40 CFR Parts 60 and 75]

The District shall be notified at least two weeks prior to any changes made in CEMS software that affect the 24. measurement, calculation or correction of data displayed and/or recorded by the CEMS. [NSR]

25. When the CEMS is not recording data and the emission unit is operating, hourly NOx emissions for the annual emission calculations shall be determined in accordance with 40 CFR 75 Subpart C. Additionally, hourly CO emissions for annual emission calculations shall be determined using CO emission factors to be determined from source test emission factors. recorded CEMS data, and fuel consumption data, in terms of pounds per hour of CO for the gas turbine. Emission calculations used to determine hourly emission rates shall be reviewed and approved by the District, in writing, before the hourly emission rates are incorporated into the CEMS emission data. [NSR]

- Any violation of any emission standard as indicated by the CEMS shall be reported to the District's Compliance Division 26. within 96 hours after such occurence. [Rule 98; NSR]
- 27. The emission unit shall be equipped with continuous parametric monitors to measure, calculate and to record the following operational characteristics:
 - -Hours of operation (hours)
 - -Natural Gas flow rate (KSCFH)
 - -Exhaust gas temperature (° F)
 - -Ammonia injection rate (LBS/hr)
 - -Water injection rate (lbs/hr)
 - -Ratio of water injection rate to fuel consumption rate (lb of water to lb of fuel)
 - -Ratio of Ammonia injection rate to outlet NOx mass emission rate (lb of ammonia to lb of NOx)
 - -Inlet temperature of the SCR and Oxidation Catalyst Beds (° F)
 - -Net 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.

INSR: Rule 69.3.1: Rule 211

- 28. 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. INSR: 40 CFR Part 75]
- 29. The ammonia injection flow rate shall be continuously monitored, recorded and controlled. Records of ammonia injection rate and flow rate device calibration shall be maintained and made available to the District. [NSR; Rule 1200]
- 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 30. days prior to the Relative Accuracy Test Audit test, as required in 40 CFR 75.62. [NSR; 40 CFR Part 75]
- The permittee shall comply with the applicable requirements in 40 CFR Parts 60, 72, 73, and 75. [Rule 1421] 31.
- This unit shall be source tested to demonstrate compliance with the NOx, CO, VOC, and Ammonia emission standards c 32. this permit, using District approved methods. The source test and the NOx 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. 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, INSR, Rule 12001
- Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon 33. request of the Air Pollution Control District. [Rule 19]

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B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 16. Ammonia emissions from the emission unit exhaust stack shall not exceed 10 ppmvd corrected to 15% oxygen averaged over each clock 1-hour period. Compliance with this limit shall be demonstrated based upon source testing calculated as the average of three test runs and utilizing one the following procedures:
 - a. Calculate 1-hour average ammonia ppmvd levels (ppmvd @ 15% oxygen) using the following equation:

NH3 = ((a-(b*c/1,000,000))*(1,000,000/b))*d

Where: a= ammonia injection rate (lbs/hr)/(17.0 lbs lb-mole),

b= exhaust flow rate @ 15% oxygen / (29 lbs/lb-mole),

c= change in measured NOx concentration (ppmvd@ 15% oxygen) across the catalyst,

d= ratio of measured ammonia slip to calculated ammonia slip as derived during compliance testing;

b. Other calculation method using measured surrogated parameters to determine the daily ammonia emissions in ppmvc @ 15% oxygen, as approved, in writing by the District.
 [Rule 1200]

- 34. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 35. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)

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APPENDIX B: RULE REFERENCE TABLE

Rule Citation ¹	RULE TITLE	A/R²	District Adoption Date ³	SIP FR Approval Date
	REGULATION I - GENERAL PROVISIONS			
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†	09/22/72
5	Authority to Arrest	F	03/24/76	05/11/77
	REGULATION II - PERMITS			
10	Permits Required	F	07/25/95	03/11/98
10.1††	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††	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†	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		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
	REGULATIONS III - FEES			
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
	REGULATIONS IV - PROHIBITIONS			
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
	REGULATION V - PROCEDURES BEFORE THE HEARING BOARD			
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
	REGULATION VI - BURNING CONTROL			
101	Burning Control	F	09/25/02	04/30/03
	REGULATION VII - VALIDITY AND EFFECTIVE DATE			
140	Validity	F	01/01/69†	09/22/72
141	Effective Date	F	01/01/69†	09/22/72
	REGULATION VIII - SAN DIEGO AIR POLLUTION EMERGENCY PLAN			
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		
	REGULATION IX - PUBLIC RECORDS	A		
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
	REGULATION XII - TOXIC AIR CONTAMINANTS			
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.	- E-V-2-V-V-V-			
	REGULATION XIV - TITLE V OPERATING PERMITS			
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
	REGULATION XV - FEDERAL CONFORMITY			
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
Part 60	REGULATION X - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES	1 20110	Date
А	General Provisions	Unknown 11/03/92	11/08/76
Е	Standards of Performance for Incinerators	Unknown	03/30/77
Ī	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
М	Standards of Performance for Secondary Brass and Bronze Ingot Production Plants	Unknown 09/17/85	03/30/77
0	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
Part 61	REGULATION XI- NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS)		
Α	General Provisions	01/13/87	05/24/82
С	National Emission Standard for Beryllium	Unknown	11/08/76
D	National Emission Standard for Beryllium Rocket Motor Firing	Unknown	11/08/76
Е	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
М	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 &	Drit r Trai r		Most Recent
Citation	RULE TITLE	A/R	Adoption Date
			
	DISTRICT RULES AND REGULATIONS APPENDIX A -		
	CALIFORNIA AIRBORNE TOXIC CONTROL MEASURES		
17 CCR	(ATCM) Hexavalent Chromium ATCM for Chrome Plating & Chromic	D/F	12/7/06
§ 93102	Acid Anodizing Operations	D/r	12/7/00
17 CCR	ATCM For Emissions of Perchloroethylene From Dry Cleaning	F	01/25/07
§ 93109	Operations	•	0 11
17 CCR	ATCM to Reduce Emissions of Hexavalent Chromium and Nickel	D	09/30/05
§ 93101.5	from Thermal Spraying		
17 CCR	ATCM for Construction, Grading, Quarrying, and Surface Mining	D	07/26/01
§ 93105	Operations		
17 CCR	Asbestos ATCM for Surface Applications	D	07/20/00
§ 93106			
17 CCR	ATCM For Emissions of Toxic Metals From Non-Ferrous Metal	D	01/14/93
§ 93107	Melting		0.110 = 10.0
17 CCR	ATCM for Emissions of Chlorinated Toxic Air Contaminants	D	04/27/00
§ 93111	from Automotive Maintenance & Repair Activities	<u> </u>	00/00/01
17 CCR	ATCM for Emissions of Hexavalent Chromium and Cadmium	D	09/20/01
§ 93112	from Motor Vehicle and Motor Equipment Coatings ATCM to Reduce Emissions of Toxic Air Contaminants from	D	02/03/03
17 CCR § 93113	Outdoor Residential Waste Burning	D	02/03/03
17 CCR	ATCM for Stationary Compression Ignition Engines	D	05/19/11
§ 93115	ATOM for Stationary Compression Ignition Engines	D	03/19/11
17 CCR	ATCM for Portable Diesel-Fueled Engines	D	02/19/11
§ 93116	THE CHILD OF MORE DISSELLED AND A SECOND OF THE CONTRACT OF TH		<u> </u>
	DISTRICT RULES AND REGULATIONS APPENDIX B -		
Part 63	NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR		
	POLLUTANTS (NESHAP) FOR SOURCE CATEGORIES	TC.	05/16/07
A N	General Provisions Hard and Decorative Chromium Electroplating and Chromium	F F	03/16/07
į N	Anodizing Tanks	Г	04/20/00
0	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
	Boat Manufacturing	F	08/22/01
VVVV	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	F	05/18/11
	Heaters		
GGGGG	Site Remediation	F	11/29/06
ННННН	Miscellaneous Coating Manufacturing	F	10/04/06
PPPPP	Engine Test Cells/Stands	F	08/28/03
WWWWW	Hospital Ethylene Oxide Sterilizers Area Sources	F	12/28/07
BBBBBB	Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline	F	01/24/11
	Facilities		
CCCCCC	Gasoline Dispensing Facilities	F	01/24/11
НННННН	Paint Stripping and Miscellaneous Surface Coating Operations at	F	01/09/08
	Area Sources		
JJJJJJ	Area Sources: Industrial, Commercial, and Institutional Boilers	F	3/21/11
QQQQQQ	Wood Preserving Area Sources	F	07/16/07
VVVVVV	Chemical Manufacturing Area Sources	F	11/29/09
WWWWWW	Plating and Polishing Operations Area Sources	F	07/01/08
XXXXXX	Metal Fabrication and Finishing Area Sources	F	7/23/08
AAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing Area	F	12/02/09
	Sources		
CCCCCC	Paint and Allied Products Manufacture Area Sources	F	12/03/09

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
Part 60	DISTRICT RULES AND REGULATIONS APPENDIX C - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES (NSPS)			
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
Кь	Standards of Performance for Volatile Organic Liquid Sto Vessels (Including Petroleum Liquid Storage Vessels) fo 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
000	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
Part 60				
Ш	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	07/11/06	N/A	N/A
JJJJ	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 CO₂ 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_x Oxides of nitrogen

O₂ Oxygen

OES Office of Environmental Services
O&M Operation and maintenance

Pb Lead

PM Total Particulate Matter

PM₁₀ Particulate matter with aerodynamic equivalent diameter of \leq 10 microns

PSD Prevention of Significant Deterioration

RMP Risk Management Plan

SDCAPCD San Diego County Air Pollution Control District

SIP State Implementation Plan

SO_x 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

 $egin{array}{lll} g & = & grams \ gal & = & gallon \end{array}$

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



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> ATTACHMENT C APPLICATION FEE ESTIMATE