



# UC SANTA BARBARA

Environmental Health & Safety  
Design, Facilities & Safety Services

565 Mesa Road  
Santa Barbara CA 93106-5132  
[ehs.ucsb.edu](http://ehs.ucsb.edu)

11/03/2023

SBCAPCD Permitting Division  
Santa Barbara County Air Pollution Control District  
260 N. San Antonia Rd., Ste A  
Santa Barbara, CA 93110

## Re: Title V Permit Renewal Application

Dear SBCAPCD Staff,

The University of California, Santa Barbara (UCSB) (FID: 02795) is pleased to submit, as part of this Title V Permit Renewal Application, the following documents:

- General Permit Application Form (Form-01);
- Stationary Source Summary Forms (1302-A1 and A2); and
- Certification Statement Form (1302-M).

Attachments listed on Form 1302-M are included to request changes to the Permit (Excel versions of the attachments can be made available to SBCAPCD upon request):

- Attachment-01;
- Attachment-02;
- Attachment-03; and
- Attachment-04.

The Permit renewal Application Filing Fee will be paid on or after November 3, 2023 via phone by calling (805) 979-8050.

Thank you for your assistance. If you have any further questions or require additional information please contact Mason King at (805) 893-8997.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mason King".

Mason King, Environmental Compliance Manager



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## **Attachments:**

- General Permit Application Form (Form-01)
- Stationary Source Summary Forms (1302-A1 and A2)
- Certification Statement Form (1302-M)
  - Attachment-01
  - Attachment-02
  - Attachment-03
  - Attachment-04



air pollution control district  
SANTA BARBARA COUNTY

# General Permit Application Form -01

Santa Barbara County Air Pollution Control District  
260 N. San Antonio Road, Suite A  
Santa Barbara, CA 93110-1315

### 1. APPLICATION TYPE (check all that apply):

- Authority to Construct (ATC)
- Permit to Operate (PTO)
- ATC Modification
- PTO Modification
- Other (Specify)
- Transfer of Owner/Operator (use Form -01T)
- Emission Reduction Credits
- Increase in Production Rate or Throughput
- Decrease in Production Rate or Throughput

Previous ATC/PTO Number (if known)

Yes  No Are Title 5 Minor Modification Forms Attached? (this applies to Title 5 sources only and applies to all application types except ATCs and Emission Reduction Credits). Complete Title 5 Form -1302 A1/A2, B, and M. Complete Title 5 Form -1302 C1/C2, D1/D2, E1/E2, F1/F2, G1/G2 as appropriate. <http://www.ourair.org/wp-content/uploads/t5-forms.pdf>

Mail or email the completed application to the APCD's Engineering Division at the address listed above or [permits@sbcapcd.org](mailto:permits@sbcapcd.org).

### 2. FILING FEE:

A \$491 application filing fee must be included with each application. The application filing fee is COLA-adjusted every July 1st. Please ensure you are remitting the correct current fee (the current fee schedule is available on the APCD's webpage at: <http://www.ourair.org/district-fees>). This filing fee will not be refunded or applied to any subsequent application. Payment may also be made by credit card by submitting the Credit Card Authorization Form found here <https://www.ourair.org/wp-content/uploads/apcd-01c.pdf> via mail or calling 805-979-8050 to pay via phone.  
**Do not submit the Credit Card Authorization Form via email.**

**3. IS YOUR PROJECT'S PROPERTY BOUNDARY LOCATED OR PROPOSED TO BE LOCATED WITHIN 1,000 FEET FROM THE OUTER BOUNDARY OF A SCHOOL?** If yes, and the project results in an emissions increase, submit a completed Form -03 (*School Summary Form*) <http://www.ourair.org/wp-content/uploads/apcd-03.pdf>  Yes  No

If yes, provide the name of school(s)

Address of school(s)

City  Zip Code

**4. DOES YOUR APPLICATION CONTAIN CONFIDENTIAL INFORMATION?**  Yes  No

If yes, please submit with a redacted duplicate application which shall be a public document. In order to be protected from disclosure to the public, all information claimed as confidential shall be submitted in accordance with APCD Policy & Procedure 6100-020 (*Handling of Confidential Information*): <http://www.ourair.org/wp-content/uploads/6100-020.pdf>, and meet the criteria of CA Govt Code Sec 6254.7. Failure to follow required procedures for submitting confidential information, or to declare it as confidential at the time of application, shall be deemed a waiver by the applicant of the right to protect such information from public disclosure. *Note: Part 70 permit applications may contain confidential information in accordance with the above procedures, however, the content of the permit documents must be public (no redactions).*

FOR APCD USE ONLY				DATE STAMP
FID	2795	Permit No.	PT-70/Reeval	3725-R3  Rec'vd 11/7/2023
Project Name	UCSB			
Filing Fee	\$491	202.E? YES / NO		

CC #1757 Ann Boochangkool

**5. COMPANY/CONTACT INFORMATION:**

<b>Owner Info</b>		<input checked="" type="radio"/> Yes <input type="radio"/> No	Use as Billing Contact?
Company Name	University of California, Santa Barbara		
Doing Business As			
Contact Name	Ali Aghayan	Position/Title	Environmental Health Program Manager
Mailing Address	Environmental Health & Safety (Bldg 565), 565 Mesa Road		
City	Santa Barbara	State	CA Zip Code 93106-5132
Telephone	+1 (805) 893-8533	Cell	
		Email	ali.aghayan@ucsb.edu

<b>Operator Info</b>		<input type="radio"/> Yes <input checked="" type="radio"/> No	Use as Billing Contact?
Company Name	University of California, Santa Barbara		
Doing Business As			
Contact Name		Position/Title	
Mailing Address			
City	Santa Barbara	State	CA Zip Code 93106
Telephone		Cell	
		Email	

<b>Authorized Agent Info*</b>		<input type="radio"/> Yes <input type="radio"/> No	Use as Billing Contact?
Company Name			
Doing Business As			
Contact Name		Position/Title	
Mailing Address			
City		State	
Telephone		Cell	
		Email	

\*Use this section if the application is not submitted by the owner/operator. Complete APCD Form -01A ( <http://www.ourair.org/wp-content/uploads/apcd-01a.pdf> ). Owner/Operator information above is still required.

<b>SEND PERMITTING CORRESPONDENCE TO</b> (check all that apply):			
<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Operator		
<input type="checkbox"/> Authorized Agent	<input type="checkbox"/> Other (attach mailing information)		

**6. GENERAL NATURE OF BUSINESS OR AGENCY:**

Public Higher Education

**7. EQUIPMENT LOCATION (Address):**

Specify the street address of the proposed or actual equipment location. If the location does not have a designated address, please specify the location by cross streets, or lease name, UTM coordinates, or township, range, and section.

Equipment Address

City  State  Zip Code

Work Site Phone

Incorporated (within city limits)  Unincorporated (outside city limits)  Used at Various Locations

Assessors Parcel No(s):

**8. PROJECT DESCRIPTION:**

(Describe the equipment to be constructed, modified and/or operated or the desired change in the existing permit. Attach a separate page if needed):

**9. DO YOU REQUIRE A LAND USE PERMIT OR OTHER LEAD AGENCY PERMIT FOR THE PROJECT DESCRIBED IN THIS APPLICATION?:**  Yes  No

A. If yes, please provide the following information

Agency Name	Permit #	Phone #	Permit Date
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

\* The lead agency is the public agency that has the principal discretionary authority to approve a project. The lead agency is responsible for determining whether the project will have a significant effect on the environment and determines what environmental review and environmental document will be necessary. The lead agency will normally be a city or county planning agency or similar, rather than the Air Pollution Control District.

B. If yes, has the lead agency permit application been deemed complete and is a copy of their completeness letter attached?

Yes  No

Please note that the APCD will not deem your application complete until the lead agency application is deemed complete.

C. If the lead agency permit application has not been deemed complete, please explain.

D. A copy of the final lead agency permit or other discretionary approval by the lead agency may be requested by the APCD as part of our completeness review process.

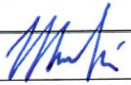
10. PROJECT STATUS:

- A. Date of Equipment Installation
- B. Have you been issued a Notice of Violation (NOV) for not obtaining a permit for this equipment/modification *and/or* have you installed this equipment without the required APCD permit(s)? If yes, the application filing is double per Rule 210.  Yes  No
- C. Is this application being submitted due to the loss of a Rule 202 exemption?  Yes  No
- D. Will this project be constructed in multiple phases? If yes, attach a separate description of the nature and extent of each project phase, including the associated timing, equipment and emissions.  Yes  No
- E. Is this application also for a change of owner/operator? If yes, please also include a completed APCD Form -01T.  Yes  No

11. APPLICANT/PREPARER STATEMENT:

The person who prepares the application also must sign the permit application. The preparer may be an employee of the owner/operator or an authorized agent (contractor/consultant) working on behalf of the owner/operator (an *Authorized Agent Form -01A* is required).

I certify pursuant to H&SC Section 42303.5 that all information contained herein and information submitted with this application is true and correct.

 Signature of application preparer	11/3/2023 Date
Mason King Print name of application preparer	UCSB Employer name

12. APPLICATION CHECKLIST (check all that apply)

- Application Filing Fee (Fee = \$491. The application filing fee is COLA adjusted every July 1st. Please ensure you are remitting the current fee.) As a convenience to applicants, the APCD will accept credit card payments. If you wish to use this payment option, please complete a *Credit Card Form-01C* <https://www.ourair.org/wp-content/uploads/apcd-01c.pdf> and submit it via mail or call 805-979-8050 to pay over the phone. **Do not submit the Credit Card Form-01C via email.**
- Existing permitted sources may request that the filing fee be deducted from their current reimbursable deposits by checking this box. Please deduct the filing fee from my existing reimbursement account.
- Form -01T (*Transfer of Owner/Operator*) attached if this application also addresses a change in owner and/or operator status from what is listed on the current permit. <http://www.ourair.org/wp-content/uploads/apcd-01t.pdf>
- Form -03 (*School Summary Form*) attached if the project's property boundary is within 1,000 feet of the outer boundary of a school (k-12) and the project results in an emissions increase. <http://www.ourair.org/wp-content/uploads/apcd-03.pdf>
- Information required by the APCD for processing the application as identified in APCD Rule 204 (*Applications*), the APCD's *General APCD Information Requirements List* (<https://www.ourair.org/wp-content/uploads/gen-info.pdf>), and any of the APCD's *Process/Equipment Summary Forms* (<http://www.ourair.org/permit-applications>) that apply to the project.
- Form -01A (*Authorized Agent Form*) attached if this application was prepared by and/or if correspondence is requested to be sent to an Authorized Agent (e.g., contractor or consultant). This form must accompany each application. <http://www.ourair.org/wp-content/uploads/apcd-01a.pdf>
- Confidential Information submitted according to APCD Policy & Procedure 6100-020. (*Failure to follow Policy and Procedure 6100-020 is a waiver of right to claim information as confidential.*)

**13. NOTICE OF CERTIFICATION:**

All applicants must complete the following Notice of Certification. This certification must be signed by the Authorized Company Representative representing the owner/operator. Signatures by Authorized Agents will not be accepted.

NOTICE of CERTIFICATION

I,  , am employed by or represent  
Type or Print Name of Authorized Company Representative

Type or Print Name of Business, Corporation, Company, Individual, or Agency

(hereinafter referred to as the applicant), and certify pursuant to H&SC Section 42303.5 that all information contained herein and information submitted with this application is true and correct and the equipment listed herein complies or can be expected to comply with said rules and regulations when operated in the manner and under the circumstances proposed. If the project fees are required to be funded by the cost reimbursement basis, as the responsible person, I agree that I will pay the Santa Barbara County Air Pollution Control District the actual recorded cost, plus administrative cost, incurred by the APCD in the processing of the application within 30 days of the billing date. If I withdraw my application, I further understand that I shall inform the APCD in writing and I will be charged for all costs incurred through closure of the APCD files on the project.

For applications submitted for Authority to Construct, modifications to existing Authority to Construct, and Authority to Construct/Permit to Operate permits, I hereby certify that all major stationary sources in the state and all stationary sources in the air basin which are owned or operated by the applicant, or by an entity controlling, controlled by, or under common control with the applicant, are in compliance, or are on approved schedule for compliance with all applicable emission limitations and standards under the Clean Air Act (42 USC 7401 *et seq.*) and all applicable emission limitations and standards which are part of the State Implementation Plan approved by the Environmental Protection Agency.

Completed By:  Title:

Date:  Phone:

Signature of Authorized Company Representative

**PLEASE NOTE THAT FAILURE TO COMPLETELY PROVIDE ALL REQUIRED INFORMATION OR FEES WILL RESULT IN YOUR APPLICATION BEING RETURNED OR DEEMED INCOMPLETE.**

# STATIONARY SOURCE SUMMARY (Form 1302-A1)

APCD: Santa Barbara County Air Pollution Control District

COMPANY NAME: University of California, Santa Barbara

## ➤ APCD USE ONLY ◀

Application #:

Application Filing Fee\*:

APCD IDS Processing ID:

Date Application Received:

Date Application Deemed Complete:

### I. SOURCE IDENTIFICATION

1. Source Name: University of California, Santa Barbara

2. Four digit SIC Code: 8221

USEPA AIRS Plant ID (for APCD use only):

3. Parent Company (if different than Source Name):

4. Mailing Address of Responsible Official:

5. Street Address of Source Location (include Zip Code):

6. UTM Coordinates (if required) (see instructions):

7. Source located within: 50 miles of the state line

Yes  No

50 miles of a Native American Nation

Yes  No

Not Applicable

8. Type of Organization:

Corporation  Sole Ownership  Government

Partnership  Utility Company

9. Legal Owner's Name: Regents of the University of California

10. Owner's Agent Name (if any):

Title:

Telephone #:

11. Responsible Official: Renée Bahl

Title: Associate Vice Chancellor

Telephone #:

12. Plant Site Manager/Contact: Mason King

Title: Environmental Compliance Manager

Telephone #: 805-893-8997

13. Type of facility: University

14. General description of processes/products: Higher Education

15. Does your facility store, or otherwise handle, greater than threshold quantities of any substance on the Section 112(r)

List of Substances and their Thresholds (see Attachment A)?  Yes  No

16. Is a Federal Risk Management Plan [pursuant to Section 112(r)] required?  Not Applicable  Yes  No

(If yes, attach verification that Risk Management Plan is registered with appropriate agency or description of status of Risk Management Plan submittal.)

\* Applications submitted without a filing fee will be returned to the applicant immediately as "improper" submittals



## STATIONARY SOURCE SUMMARY (Form 1302-A2)

<b>APCD:</b> Santa Barbara County Air Pollution Control District	> APCD USE ONLY < APCD IDS Processing ID:
<b>COMPANY NAME:</b> University of California, Santa Barbara	<b>SOURCE NAME:</b> University of California, Santa Barbara

### II. TYPE OF PERMIT ACTION

	CURRENT PERMIT (permit number)	EXPIRATION (date)
<b>Initial SBCAPCD's Regulation XIII Application</b>		
<b>Permit Renewal</b>	13725-R2	January 2024
<b>Significant Permit Revision*</b>		
<b>Minor Permit Revision*</b>		
<b>Administrative Amendment</b>		

### III. DESCRIPTION OF PERMIT ACTION

1. Does the permit action requested involve:
 

a:	<input type="checkbox"/> Portable Source	<input type="checkbox"/> Voluntary Emissions Caps
	<input type="checkbox"/> Acid Rain Source	<input type="checkbox"/> Alternative Operating Scenarios
	<input type="checkbox"/> Source Subject to MACT Requirements [Section 112]	

b:  None of the options in 1.a. are applicable
  
2. Is source operating under a Title V Program Compliance Schedule?     Yes     No
  
3. For permit modifications, provide a general description of the proposed permit modification:  
See 1302-A2, Attachments 01 through 04

\*Requires APCD-approved NSR permit prior to a permit revision submittal

# CERTIFICATION STATEMENT (Form 1302-M)

<b>APCD:</b> Santa Barbara County Air Pollution Control District	> APCD USE ONLY <
<b>COMPANY NAME:</b> University of California, Santa Barbara	<b>APCD IDS PROCESSING ID:</b>  <b>SOURCE NAME:</b> University of California, Santa Barbara

Identify, by checking off below, the forms and attachments that are part of your application. If the application contains forms or attachments that are not identified below, please identify these attachments in the blank space provided below. Review the instructions if you are unsure of the forms and attachments that need to be included in a complete application.

**Forms included with application**

Stationary Source Summary Form  
 Total Stationary Source Emission For  
 Compliance Plan Form  
 Compliance Plan Certification Form  
 Exempt Equipment Form  
 Certification Statement Form

**List other forms or attachments**

Attachment-01  
Attachment-02  
Attachment-03  
Attachment-04

[ ] check here if additional forms listed on back

**Attachments included with application**

Description of Operating Scenarios  
 Sample emission calculations  
 Fugitive emission estimates  
 List of Applicable requirements  
 Discussion of units out of compliance with applicable federal requirements and, if required, submit a schedule of Compliance  
 Facility schematic showing emission points  
 NSR Permit  
 PSD Permit  
 Compliance Assurance monitoring protocols  
 Risk management verification per 112(r)

I certify under penalty of law, based on information and belief formed after reasonable inquiry, that the information contained in this application, composed of the forms and attachments identified above, are true, accurate, and complete.

I certify that I am the responsible official, as defined in SBCAPCD's Regulation XIII, Rule 1301 or USEPA's 40 CFR Part 70

Renée E. Bahl  
 Signature of Responsible Official

13 NOV 2023  
 Date

Print Name of Responsible Official Renée Bahl

Title of Responsible Official and Company Name: Associate Vice Chancellor, University of California, Santa Barbara

**Request for Revisions to Title V Permit**  
Summary of Requested Revisions

<b>Permit Section:</b>	<b>Subsection - Comments/ Revisions:</b>
1.0 INTRODUCTION	1.3 EMISSION SOURCES - Revise based on accepted changes to Attachments 10.2 and 10.3
	1.5 OFFSETS/EMISSION REDUCTION CREDIT OVERVIEW - Revise pending approval of ATC Application 16116
	1.6 PART 70 OPERATING PERMIT OVERVIEW (1.6.10) - Update Responsible Official based on Stationary Source Summary Form 1302-A1
5.0 EMISSIONS	5.4 PART 70: HAP POTENTIAL TO EMIT EMISSION ESTIMATES - Revise based on accepted changes to Attachments 10.2 and 10.3
6.0 AIR QUALITY IMPACT ANALYSES	6.4 HEALTH RISK ASSESSMENT - Revise based on <i>AB 2588 2018 Health Risk Assessment for the University of California, Santa Barbara</i> submitted to SBCAPCD on June 15, 2023
7.0 CAP CONSISTENCY, OFFSET REQUIREMENTS AND ERCS	7.3 EMISSION REDUCTION CREDITS (ERCS) - Revise pending approval of ATC Application 16116
	7.4 OFFSET REQUIREMENTS - Revise pending approval of ATC Application 16116
ATTACHMENTS	10.1 PERMITTED EQUIPMENT - Revise based on accepted changes to Attachments 10.2 and 10.3
	10.2 EXTERNAL COMBUSTION EQUIPMENT OPERATIONAL REQUIREMENTS - Revise based on accepted revisions to DRAFT Attachment 10.2 External Combustion Equipment Operational Requirements (Attachment-02)
	10.3 INTERNAL COMBUSTION EQUIPMENT OPERATIONAL REQUIREMENTS - Revise based on accepted revisions to DRAFT Attachment 10.3 Internal Combustion Equipment Operational Requirements (Attachment-03)
	10.6 HEALTH RISK ASSESSMENT DOCUMENTATION - Revise based on <i>AB 2588 2018 Health Risk Assessment for the University of California, Santa Barbara</i> submitted to SB APCD on June 15, 2023
	10.9 PERMITS INCORPORATED INTO PT-70 13725 - Revise based on accepted changes to Attachments 10.2 and 10.3
	10.11 FEE STATEMENT - Revise based on accepted changes to Attachments 10.2 and 10.3
	10.12 PERMIT EXEMPT EQUIPMENT - Revise based on accepted revisions to DRAFT Attachment 10.12 Permit Exempt Equipment, Small Boilers and Hot Water Heaters (Attachment-04)



**Request for Revisions to Title V Permit**  
DRAFT Attachment 10.2 External Combustion Equipment Operational Requirements

Building	Make	Model	Operator ID	Device ID	Rule	Tune-Ups	Fuel Use Monitor	Low Use	Source Test	NOx ppmvd @3% O2	CO ppmvd @3% O2	Basis	Installed	Comments/ Revisions
Bldg. 562	Cleaver Brooks	CFCE-700	Boiler #B4	395684	360	Annual	Fuel Meter	no	no	12	100	BACT	2022	Boiler installed per approved ATC 15891. Operator ID changed from "B2" to "B4"
Bldg. 563	Parker	T-4600	Boiler #B1	114124	361	Biannual	Fuel Meter	yes	no	--	--	--	2001	
Bldg. 563	Parker	T-4600	Boiler #B2	114125	361	Biannual	Fuel Meter	yes	no	--	--	--	2001	
Bldg. 564	Bryan	CL210W	Boiler #B1	114110	361	Biannual	Fuel Meter	yes	no	--	--	--	1986	
Bldg. 571	Parker	G2304R(L)	Boiler #B1	114135	360	Annual	Fuel Meter	no	no	20	100	SCAQMD	2011	
Bldg. 571	Parker	G2304R(L)	Boiler #B2	114136	360	Annual	Fuel Meter	no	no	20	100	SCAQMD	2011	
Bldg. 571	Parker	G2304R(L)	Boiler #B3	114137	360	Annual	Fuel Meter	no	no	20	100	SCAQMD	2011	
Bldg. 571	Parker	G2304R(L)	Boiler #B4	114138	360	Annual	Fuel Meter	no	no	20	100	SCAQMD	2011	
Bldg. 588	Parker	T2160	Boiler #B1	114127	361	Biannual	Fuel Meter	yes	no	--	--	--	1987	
Bldg. 588	Parker	G2304RL	Boiler #B2	393200	360	Annual	Fuel Meter	no	no	30	400	Rule 360	2018	
Bldg. 615	Parker	G2304R(L)	Boiler #B1	393446	361	Biannual	Fuel Meter	no	no	30	400	Rule 361	2019	
Bldg. 657	Cleaver Brooks	CFCE-4000	Boiler #B1	394662	361	Biannual	Fuel Meter	no	no	30	400	Rule 361	2019	
Bldg. 657	Parker	TC 600(L)	Boiler #B2	386829	360	Annual	Fuel Meter	no	no	20	400	SCAQMD	2014	Boiler to be replaced. Pending approval of ATC 16116
Bldg. 657	Lochinvar/Crest													Boiler to be installed. Pending approval of ATC 16116
Bldg. 657	Lochinvar/Crest													Boiler to be installed. Pending approval of ATC 16116
Bldg. 657	Lochinvar/Crest													Boiler to be installed. Pending approval of ATC 16116
Bldg. 657	Lochinvar/Crest													Boiler to be installed. Pending approval of ATC 16116
Bldg. 860	Parker	G-1536RL	Builer #B1	393008	360	Annual	Default	no	Initial and Upon District Request Thereafter	12	100	BACT	2018	
Bldg. 860	Parker	G-1536RL	Builer #B2	393011	360	Annual	Default	no	Initial and Upon District Request Thereafter	12	100	BACT	2018	
Bldg. 860	Parker	G-1536RL	Builer #B3	393012	360	Annual	Default	no	Initial and Upon District Request Thereafter	12	100	BACT	2018	

Request for Revisions to Title V Permit

DRAFT Attachment 10.3 Internal Combustion Equipment Operational Requirements

Building	Operator ID	Device ID	Fuel Type	Make	Model	Rating (bhp)	Engine Use	Hrs/Day	Hrs/Yr	Installed	Comments/ Revisions
Bldg. 205	Emer. Generator	114058	Diesel	Caterpillar	3208	299	Emer. Gen.	2	20	2000	
Bldg. 221	Emer. Generator	114030	Diesel	Cummins	QSM11-G2	470	Emer. Gen.	2	50	2005	
Bldg. 225	Emer. Generator	114057	Diesel	Cummins	06T30-G5-NRI	1490	Emer. Gen.	2	20	2002	
Bldg. 226	Emer. Generator	393553	Diesel	Caterpillar	C7.1	281	Emer. Gen.	2	50	2020	
Bldg. 235	Emer. Generator	114056	Diesel	Volvo	TAD1631GE	768	Emer. Gen.	2	20	2004	
Bldg. 250	Emer. Generator	114055	Diesel	John Deere	6059TF002	152	Emer. Gen.	2	20	1998	
Bldg. 266	Emer. Generator	114054	Diesel	Caterpillar	3512	2172	Emer. Gen.	2	20	2004	
Bldg. 276	Emer. Generator	114071	Diesel	Caterpillar	C9	398	Emer. Gen.	2	50	2007	
Bldg. 503	Emer. Generator	114134	Diesel	Caterpillar	c15	798	Emer. Gen.	2	50	2009	
Bldg. 506	Emer. Generator	395544	Diesel	Caterpillar	C4.4	161	Emer. Gen.	2	40	2022	Emergency Generator installed per approved ATC 15774
Bldg. 511	Emer. Generator	114052	Diesel	Cummins	6BTA5.9-G4	170	Emer. Gen.	2	20	1994	
Bldg. 512	Emer. Generator	388947	Diesel	Mitsubishi	S12R-Y2PTAW-1	1881	Emer. Gen.	2	50	2016	
Bldg. 515	Emer. Generator	114051	Diesel	Det. Diesel	12V71TA	750	Emer. Gen.	2	20	1995	
Bldg. 516	Emer. Generator	114050	Diesel	Cummins	4B3.9-G	68	Emer. Gen.	2	20	2004	
Bldg. 520	Emer. Generator	114049	Diesel	Cummins	QSX15-G9	755	Emer. Gen.	2	20	2003	
Bldg. 521	Emer. Generator	114048	Diesel	Cummins	NTA-855-G3	535	Emer. Gen.	2	20	2001	
Bldg. 525	Emer. Generator	386852	Diesel	Caterpillar	C15	762	Emer. Gen.	2	50	2014	
Bldg. 526	Emer. Generator	393041	Diesel	Caterpillar	C4.4	96	Emer. Gen.	2	50	2018	
Bldg. 529	Emer. Generator	393551	Diesel	Cummins	QSB7	324	Emer. Gen.	2	50	2019	
Bldg. 529	Emer. Generator	393552	Diesel	Cummins	QSB7	324	Emer. Gen.	2	50	2019	
Bldg. 531	Emer. Generator	394710	Diesel	Cummins	4BT3.3-G5	69	Emer. Gen.	2	50	2020	
Bldg. 535	Emer. Generator	114139	Diesel	Cummins	QSX15-G9 NR2	755	Emer. Gen.	2	50	2011	
Bldg. 542	Emer. Generator	114059	Diesel	Generac	70874	56	Emer. Gen.	2	20	1999	
Bldg. 544	Emer. Generator	114047	Diesel	Caterpillar	3306	382	Emer. Gen.	2	20	2001	
Bldg. 549	Emer. Generator	114046	Diesel	Mitsubishi	OD5703	292	Emer. Gen.	2	20	2004	
Bldg. 551	Emer. Generator	114045	Diesel	Caterpillar	3208	263	Emer. Gen.	2	20	1995	
Bldg. 553	Emer. Generator	114064	Diesel	John Deere	5030TF270	64	Emer. Gen.	2	50	2005	
Bldg. 554	Emer. Generator	394712	Diesel	Cummins	4BT3.3-G5	69	Emer. Gen.	2	50	2020	
Bldg. 555	Emer. Generator	114033	Diesel	Cummins	NT-855-G2	355	Emer. Gen.	2	20	1988	
Bldg. 556	Emer. Generator	114044	Diesel	Cummins	6CTA-8.3-G	277	Emer. Gen.	2	20	1989	
Bldg. 557	Emer. Generator	114043	Diesel	Caterpillar	3406	519	Emer. Gen.	2	20	1996	
Bldg. 558	Emer. Generator	114130	Diesel	Perkins	C4.4 ACERT 3362/1800	157	Emer. Gen.	2	50	2008	
Bldg. 561	Emer. Generator	114070	Diesel	John Deere	5030TF270 / SD040	64	Emer. Gen.	2	50	2006	
Bldg. 562	Emer. Generator	114038	Diesel	Caterpillar	92461	207	Emer. Gen.	2	20	2001	
Bldg. 565	Emer. Generator	114042	Diesel	Cummins	NT-855-G4	375	Emer. Gen.	2	20	1995	
Bldg. 568	Emer. Generator	114041	Diesel	Caterpillar	3056	166	Emer. Gen.	2	20	1995	
Bldg. 571	Emer. Generator	114040	Diesel	Caterpillar	3412	749	Emer. Gen.	2	20	1999	
Bldg. 572	Emer. Generator	114039	Diesel	Cummins	QSX15-G9	755	Emer. Gen.	2	20	2001	
Bldg. 574	Emer. Generator	394714	Diesel	Cummins	4BT3.3-G5	69	Emer. Gen.	2	50	2020	
Bldg. 574	Emer. Generator	114037	Diesel	Caterpillar	3208	299	Emer. Gen.	2	20	1993	

**Request for Revisions to Title V Permit**

Attachment-03

DRAFT Attachment 10.3 Internal Combustion Equipment Operational Requirements

Building	Operator ID	Device ID	Fuel Type	Make	Model	Rating (bhp)	Engine Use	Hrs/Day	Hrs/Yr	Installed	Comments/ Revisions
Bldg. 585	Emer. Generator	114036	Diesel	Caterpillar	3412	742	Emer. Gen.	2	20	1994	
Bldg. 588	Emer. Generator	388960	Diesel	Caterpillar	D200-2	315	Emer. Gen.	2	50	2016	
Bldg. 615	Emer. Generator	114035	Diesel	Cummins	LTA10G1	380	Emer. Gen.	2	20	1996	
Bldg. 657	Emer. Generator	114034	Diesel	Caterpillar	3412DI	890	Emer. Gen.	2	20	1995	
Bldg. 860	Emer. F/W Pump	114029	Diesel	Cummins	6BTA5.9-F2	130	F/W Pump	NA	NA	1992	
Bldg. 860	Emer. Generator	114060	Diesel	Mitsubishi	W31066D240PT-GN01(000)	367	Emer. Gen.	2	20	2000	
Bldg. 1861	Emer. Generator	388928	Diesel	John Deere	6068HFG82	284	Emer. Gen.	2	50	2016	
Portable	Emer. Water Pump	388929	Diesel	John Deere	4045TF275	113	Emer. Pump	2	30	2005	

## Request for Revisions to Title V Permit

Attachment-04

## DRAFT Attachment 10.12 Permit Exempt Equipment, Small Boilers and Hot Water Heaters

Bldg Number	Building Name	Equipment Type	Manufacturer	Rated Heat Input (MMBtu/hr)	Manufacture Year	Equipment ID	Model	Serial Number	Comments/ Revisions
221	Student Resources Bldg (SRB)	Water Heater	Bradford White Co.	0.076	2011		U2XR75S6RN	LD34243352	
225	Engineering Science Bldg (ESB)	Water Heater	AO Smith	0.199	2003		BTR 197 110	ME03-2497548-110	
235	Life Sciences Bldg (LSB)	Water Heater	Bradford White Co.	0.199		Water Heater WH-1	DCG31	FC11704203	
235	Life Sciences Bldg (LSB)	Water Heater	American	0.199		Water Heater WH-2	DCG32	ZH3588701	
243	Intercollegiate Athletics	Boiler	Lochinvar	0.740	2004	Boiler-B2	CWN0745PN	1031100157899	
243	Intercollegiate Athletics	Boiler	Parker	1.140	2004	Boiler-B1	T114OL	55434	
266	California Nanosystems Institute (CNSI)	Boiler	Raypak	0.181	2004	GIWH-1	WH1-0181	411228310	
266	California Nanosystems Institute (CNSI)	Boiler	Raypak	0.181	2004	GIWH-2	WH1-0181	411228309	
266	California Nanosystems Institute (CNSI)	Water Heater	Bradford White Co.	0.032		GHW-3	M430T6FBN7	BE620526-394	
276	Social Sciences and Media Studies (SSMS)	Water Heater	Bradford White Co.	0.040	2006		M45036FBN	EK11158296	
276	Social Sciences and Media Studies (SSMS)	Water Heater	Rheem	0.040	2014		PROG48-40U RH58	RHUNM061413096	
355	Orfalea Family Childrens Center	Water Heater	Rheem	0.075	2009	Water Heater	42V75F	RHLN0310N00084	
437	Facilities Management	Water Heater	Rheem	0.038	2009		22V40F1	RHLN0909Z03220	
451	Military Science	Water Heater	Bradford White Co.	0.040	2006		M15036FBN	EH10971735	
479	Old Gym	Water Heater	Rheem	0.075	2010	Water Heater	42V75F	RHLN0110N00020	
489	Sycamore Hall	Boiler	Raypak	0.136			133A-T	0186100282	
489	Sycamore Hall	Water Heater	American Water Heater Co.	0.033			G61-30T33-3N	218119346	
494	College of Creative Studies	Boiler	Raypak	0.510		Boiler-B1	E510T	0882102505	
494	College of Creative Studies	Water Heater	Rheem	0.038			22V50F1	RHLN0606Z03325	
503	Engineering II	Water Heater	Bradford White Co.	0.085			I00T88B3N	KB17771910	
503	Engineering II	Boiler	Parker	1.460	2008		T1460LR	59157	
504	Biological Science	Water Heater	Bradford White Co.	0.040		Water Heater WH-1	M45036FBN	GA12902779	
504	Biological Science	Water Heater	AO Smith	0.030		Water Heater WH-2	PGC 30 930	NA83-25200-N62	
505	Events Center	Boiler	AO Smith	0.420	1999		HW 420 932	932 J 99 52707	
505	Events Center	Boiler	AO Smith	0.420	1999		HW 420 932	932 J 99 52589	
511	Rec Cen Multi Activity Center (MAC)	Boiler	Lochinvar	0.750	2004	Boiler-B1	CFN751PM	F041100165183	
511	Rec Cen Multi Activity Center (MAC)	Boiler	Lochinvar	0.750	2004	Boiler-B2	CFN751PM	F041100165187	
512	BioEngineering	Steam Boiler	Fulton	0.398	2016	B3	ICS-9.5		
512	BioEngineering	Steam Boiler	Fulton	0.398	2016	B4	ICS-9.5		
512	BioEngineering	Steam Boiler	Fulton	0.398	2016	B5	ICS-9.5		
514	Ocean Science Education Building	Water Heater	AO Smith	0.076	2013		BTX80 100	1111M000322	
515	Humanities and Social Sciences Bldg (HSSB)	Boiler	Raypak	0.627	?	Boiler-B5	N0624CDEARDAA	9505123710	
515	Humanities and Social Sciences Bldg (HSSB)	Boiler	Bryan	0.350	1995	Boiler-B4	F350WGI	77043	
515	Humanities and Social Sciences Bldg (HSSB)	Water Heater	Bradford White Co.	0.150			EF100T150E3N2	CD7630003	
516	Recreation Center (Rec Cen)	Furnace	Hastings	0.800		HV-1	RDG-400-HME	45868	
516	Recreation Center (Rec Cen)	Boiler	Lochinvar	0.750	1994	Boiler-B3	C11N0750	D933943	
516	Recreation Center (Rec Cen)	Boiler	Lochinvar	0.750	1994	Boiler-B4	C11N0750	D933930	
516	Recreation Center (Rec Cen)	Boiler	Lochinvar	0.750	1994	Boiler-B8	C11N0750	K939030	
516	Recreation Center (Rec Cen)	Boiler	Lochinvar	0.750	1994	Boiler-B9	C11N0750	D933934	
516	Recreation Center (Rec Cen)	Boiler	Lochinvar	0.500	1994	Boiler-B1	C11N0500	D933935	
516	Recreation Center (Rec Cen)	Boiler	Lochinvar	0.500	1994	Boiler-B2	C11N0500	D933934	
516	Recreation Center (Rec Cen)	Boiler	Parker	0.395			WH395L	60493	
517	Mosher Alumni House	Boiler	Parker	0.672	2011	Boiler B-1		60421	
520	Marine Science Research Bldg (MSRB)	Boiler	Ventura	0.270	2003	Boiler-B2	27V125AMXL	903110976	
520	Marine Science Research Bldg (MSRB)	Water Heater	Bradford White Co.	0.085			I00T88B3N	HM15900475	
521	Bren School of Environmental Science (Bren)	Water Heater	Bradford White Co.	0.199	2001		D100L199E3N	BH6504843	
525	Davidson Library	Boiler	Parker	1.730	1985	Boiler-B1	T1730	31277	
525	Davidson Library	Boiler	Parker	1.730	1987	Boiler-B2	T1730	34233	
525	Davidson Library Addition	Boiler	Parker	0.788		B-01	TC210		
525	Davidson Library Addition	Boiler	Parker	0.535		B-02	TC210		
526	Geology	Boiler	Parker	1.410	2002	Boiler-B1	W111410	53909	
526	Geology	Boiler	Parker	1.410	2002	Boiler-B2	W111410	53910	
526	Geology	Water Heater	Rheem	0.038	2008		22V50F1	RHLN0608Z06481	
527	Santa Rosa Hall 1100s	Boiler	Lochinvar	0.800	2012	Boiler#1	Knight	F12H10213774	
527	Santa Rosa Hall 1100s	Boiler	Lochinvar	0.800	2012	Boiler#2	Knight	H12H10227793	
527	Santa Rosa Hall 1200s	Boiler	Lochinvar	0.800	2012	Boiler#1	Knight	F12H10213783	Removed Permit-exempt boiler
527	Santa Rosa Hall 1200s	Boiler	Lochinvar	0.800	2012	Boiler#2	Knight	F12H10213782	Removed Permit-exempt boiler
527	Santa Rosa Hall 1200s	Boiler	Cleaver Brooks	0.500		Boiler #B1	CFC-E	604724300002	Installed Permit-exempt boiler
527	Santa Rosa Hall 1200s	Boiler	Cleaver Brooks	0.500		Boiler #B2	CFC-E	604724300001	Installed Permit-exempt boiler
531	Music and Lotte Lehman Concert Hall	Boiler	Raypak	1.120	1986	Boiler-B1	E1125T	786103667	
531	Music and Lotte Lehman Concert Hall	Water Heater	Bradford White Co.	0.040	2013		U440T6RN	LJ34993112	
531	Music and Lotte Lehman Concert Hall	Water Heater	Bradford White Co.	0.076	2004	Water Heater WH-1	M2XR75S6BN	EK11183334	
533	Robertson Gym	Boiler	Parker	1.900	2001	Boiler-B1	W119100	53110	
533	Robertson Gym	Boiler	Parker	1.900	2001	Boiler-B2	W119100	53111	



## Request for Revisions to Title V Permit

Attachment-04

## DRAFT Attachment 10.12 Permit Exempt Equipment, Small Boilers and Hot Water Heaters

Bldg Number	Building Name	Equipment Type	Manufacturer	Rated Heat Input (MMBtu/hr)	Manufacture Year	Equipment ID	Model	Serial Number	Comments/ Revisions
533	Robertson Gym	Boiler	Parker	1.900	2001	Boiler-B3	W119100	53108	
533	Robertson Gym	Boiler	Parker	1.900	2001	Boiler-B4	W119100	53109	
533	Robertson Gym	Boiler	Vanguard	0.330	2001	Boiler-B5	Power Pack 330N	0501330N106	
534	Arts Museum	Water Heater	Rheem	0.040	2014	Water Heater	PROG48-40U RH58	RHUNM111410612	
534	Arts Museum	Boiler	Bryan	0.350	1999	Boiler-B4	F350WGI	83867	
534	Arts Museum	Water Heater	Bradford White Co.	0.199			D100L199E3N	JG16911394	
535	North Hall	Boiler	Lochinvar	1.999	2021	Boiler #B1	FCB2000N	2145 126796003	Installed Permit-exempt boiler
538	Campbell Hall	Water Heater	Bradford White Co.	0.040	2009	Water Heater WH-1	U45036FRN	KB17898727	
538	Campbell Hall	Boiler	Raypak	0.627	1985	Boiler-B1	E624T	0685102995	
540	Greenhouse	Water Heater	Bradford White Co.	0.032	2006		M430T6FBN	FM12722268	
542	Ortega Dining Commons	Boiler	Parker	0.995		SB 1	25L(23)	60955	
542	Ortega Dining Commons	Boiler	Parker	0.995		SB2	25L(23)	60956	
542	Ortega Dining Commons	Boiler	Cleaver Brooks	0.999		Boiler #B1	CFC-E	604297000371	Installed Permit-exempt boiler
542	Ortega Dining Commons	Boiler	Cleaver Brooks	0.999		Boiler #B2	CFC-E	604297000370	Installed Permit-exempt boiler
544	Noble Hall	Water Heater	Bradford White Co.	0.125		GHW-1	D75T125E3N	CL8473649	
544	Noble Hall	Water Heater	Bradford White Co.	0.076		GHW-2	75T80B3N	CJ8269528	
546	Woodhouse	Water Heater	Bradford White Co.	0.032	2009		U430T6FRN	KJ8824701	
547	Anacapa Hall 1000s-Public Areas	Boiler	Lochinvar	0.999	2013	Boiler 1	SBN100	K11H00237090	
547	Anacapa Hall 1000s-Public Areas	Boiler	Lochinvar	0.999	2013	Boiler 2	SBN100	J11H00236463	
551	Psychology	Boiler	Bryan	0.650	1985	Boiler-B3	FN650SG	61079	
552	Cheadle Hall	Boiler	Raypak	1.630	1982	Boiler-B1	EC1630T	882102507	
552	Cheadle Hall	Boiler	Raypak	1.630	1982	Boiler-B2	EC1630T	882102508	
552	Cheadle Hall	Water Heater	American	0.080	1996	Water Heater WH-1	CG32100T884N	982120080	
554	Theater and Dance East and Hatlen Theater	Water Heater	Bradford White Co.	0.250	2002	Water Heater WH-1	D100L250E3N	YF 1591346	
555	Marine Science and Biotech Seawater Laboratory	Boiler	Raypak	1.570	1989	Boiler-B2	11157ACRA11CBA	688103925	
555	Marine Science and Biotech Seawater Laboratory	Boiler	Raypak	0.510	2003	Boiler-B3	W1110514	301204013	
555	Marine Science and Biotech Seawater Laboratory	Boiler	Parker	0.395	2012		966525	60952	
555	Marine Science and Biotech Seawater Laboratory	Water Heater	Bradford White Co.	0.076			U2XR75S6RN	KA17582441	
555	Marine Science and Biotech Seawater Laboratory	Water Heater	Bradford White Co.	0.076			U2XR75S6RN	LC34228932	
556	Engineering I	Boiler	Parker	1.730	1991	Boiler-B1	T1730	39604	
556	Engineering I	Water Heater	Bradford White Co.	0.040	2009	Hot Water Heater WH-1	U45036FRN	LA33917160	
557	Chemistry	Boiler	Raypak	1.220	1983	Boiler B-3	EC1223T	183100003	
560	Phelps Hall	Water Heater	AO Smith	0.040			GNR 50 200	1235T457838	
563	Ellison Hall	Water Heater	Bradford White Co	0.040	2006	Hot Water Heater WH-1	M45036FBN	FD11834236	
564	Girvetz Hall	Water Heater	Rheem	0.050	2004		42V50-50NT	RHLN0504102673	
565	Environmental Health and Safety	Water Heater	Bradford White Co	0.032	2006		M430T6FBN	EH10963234	
565	Environmental Health and Safety	Water Heater	Bradford White Co	0.040	2009		U440T6FRN	LA33819108	
567	Kohn Hall	Water Heater	Bradford White Co	0.040	2009		U440T6FRN	LE34406733	
567	Kohn Hall	Boiler	Parker	0.395	2004	Boiler-B2	T395L	55444	
567	Kohn Hall	Boiler	Parker	0.672	2015		G672RL	62052	
568	Student Affairs-Administrative Services Bldg (SAASB)	Boiler	Bryan	1.200	1996	Boiler-B1	AB120WFDGLNX	78178	
568	Student Affairs-Administrative Services Bldg (SAASB)	Water Heater	Rheem	0.038	2010	Water Heater WH-1	22V50F1	RHLN0810Z00872	
568	Student Affairs-Administrative Services Bldg (SAASB)	Water Heater	Rheem	0.038	2014	Water Heater WH-2	PROG38-38U RH60	RHUNM141417233	
569	Biology Shop	Boiler	American Standard	0.870		Boiler-B1	G607		
570	Physical Science	Boiler	Bradford White Co	0.270	2004		D100L270E3N	HJ15568840	
570	Physical Science	Water Heater	Rinnai	0.199			REU-KA3237WD-US	CKBA-028668	
570	Physical Science	Boiler	Rheem	0.180			G76-180	URNG 0801G02458	
571	Biological Sciences II	Water Heater	Bradford White Co.	0.125	2004	Water Heater WH-1	EF60T125E3NA2	GK14026727	
571	Biological Sciences II	Water Heater	Bradford White Co.	0.125	2004	Water Heater WH-2	EF60T125E3NA2	GK14026725	
571	Biological Sciences II	Boiler	Parker	0.199	2011	Steam Boiler AB	966224	60271	
571	Biological Sciences II	Boiler	Parker	0.390	1978	Steam Boiler SB-5	10395	24487	
571	Biological Sciences II	Boiler	Parker	0.390	1978	Steam Boiler SB-6	10395	24485	
571	Biological Sciences II	Boiler	Parker	0.199	2011	Steam Boiler CD	966224	60289	
571	Biological Sciences II	Boiler	Parker	0.199	2011	Steam Boiler EF	966224	60272	
571	Biological Sciences II	Boiler	Parker	0.199	2011	Steam Boiler GH	966224	60290	
572	Broida Hall (Physics Bldg)	Water Heater	Bradford White Co.	0.076	2011	Industrial Water HeaterWH-2	U75T80R3N	LC34228663	
572	Broida Hall (Physics Bldg)	Water Heater	Bradford White Co.	0.085	2004	Industrial Water HeaterWH-1	MI100T6BN	GF13639126	
572	Broida Hall (Physics Bldg)	Water Heater	Bradford White Co.	0.085	2004	Domestic Water HeaterWH-3	MI100T6BN	HF15139699	
572	Broida Hall (Physics Bldg)	Water Heater	Bradford White Co.	0.199	2011	Domestic Water HeaterWH-4	D100L199E3N	KB17839050	
573	Buchanan Hall	Boiler	American Standard	1.740	1986	Boiler-B1	2BJ3	G-6013	
573	Buchanan Hall	Water Heater	American Water Heater Co.	0.040			FG140T403NO	0513109671	
575	Cloud Lab	Water Heater	Bradford White Co.	0.040	2006	Water Heater WH-1	M44076FBN	EM11331151	
580	Harderr Stadium	Boiler	Parker	1.140	1994	Boiler-B1	T1140	43708	
588	Student Health	Water Heater	American Water Heater Co.	0.199		Water Heater WH-2	BCG3100T1996NOX 108	1313M000121	

## Request for Revisions to Title V Permit

Attachment-04

## DRAFT Attachment 10.12 Permit Exempt Equipment, Small Boilers and Hot Water Heaters

Bldg Number	Building Name	Equipment Type	Manufacturer	Rated Heat Input (MMBtu/hr)	Manufacture Year	Equipment ID	Model	Serial Number	Comments/ Revisions
588	Student Health	Water Heater	American Water Heater Co.	0.199		Water Heater WH-3	BCG3100T1996NOX 108	1039M000018	
588	Student Health	Water Heater	AO Smith	0.076		Water Heater WH-1	BT 80 110	ME02-1679792-110	
591	Kerr Hall	Water Heater	AO Smith	0.040	2006	Water Heater WH-1	GVR 50 100	D06J007886	
591	Kerr Hall	Water Heater	Bradford White Co.	0.040	2009	Water Heater WH-2	U45036FRN	LC34188174	
594	Facilities Management Shop	Water Heater	AO Smith	0.040	2014		GNR 40 200	1233T457161	
595	Central Garage	Water Heater	American Appliance Corp.	0.030	1992		GVF90-333S	9232301576	
615	Materials Research Lab (MRL)	Water Heater	Bradford White Co.	0.040	2009	Water Heater WH-1	U45036FRN	KC18048488	
615	Materials Research Lab (MRL)	Water Heater	American Water Heater Co.	0.040		Water Heater WH-2	G61-50T40-3N	0218126111	
650	San Joaquin Villages	Boiler	Parker	0.420		B-1	G672R(L)		
650	San Joaquin Villages	Boiler	Parker	0.350		B-2	G672R(L)		
650	San Joaquin Villages	Boiler	Parker	0.350		B-2 Cluster 3	G672R(L)		
650	San Joaquin Villages	Boiler	Parker	0.300		B-1 Cluster 1	G672R(L)		
657	Physical Sciences Building North (PSBN)	Boiler	Ajax	0.250		Boiler-B3	SGXFD250	83186	
657	Physical Sciences Building North (PSBN)	Water Heater	Bradford White Co.	0.076			75T80B3N	EB10208844	
657	Physical Sciences Building North (PSBN)	Water Heater	Bradford White Co.	0.076			U2XR75S6RN	KB17784064	
672	Physical Sciences Building South (PSBS)	Water Heater	Rheem	0.040	2004	Water Heater WH-1	42V40-40F	RHLN 0804V11151	
708	West Campus Office & Front Laundry	Water Heater	American	0.199		W736-BLD-BOILER	DCG31-100T199-6NOX	ZF3359163	
708	West Campus Rec Room & Back Laundry	Water Heater	American	0.199		W737-BLD-BOILER	DCG3100L2706N	982120036	
740	West Campus Boiler Rm740-Srv701&703	Boiler	Raypac lo nox	0.334	03/10/2000	Boiler	WH1- 0331	1101318993	
741	West Campus Boiler Rm741-Srv703,6,7	Boiler	Raypac	0.334		Boiler	WH1-0330	201190476	
742	West Campus Boiler Rm742-Srv709&712	Boiler	Raypac lo nox	0.334	03/14/2000	Boiler	WH1-0031	A00-54788	
743	West Campus Boiler Rm743-Srv710&711	Boiler	Raypac	0.334		Boiler	WH1-0331	605251752	
744	West Campus Boiler Rm744-Srv702&713	Boiler	Raypac	0.334	11/23/2002	Boiler	WH1-0331	810288567	
745	West Campus Boiler Rm745-Srv708&720	Boiler	Raypac-Raytherm	0.334	10/12/2004	Boiler	WH10331	0401215898	
745	West Campus Boiler Rm745-Srv708&720	Boiler	Raypac lo nox	0.334	10/12/2004	Storage Tank-Boiler	WH1-0331	401215898	
746	West Campus Boiler Rm746-Srv704&705	Boiler	Raypac	0.334	04/15/2003	Boiler	WH1-0331	605251751	
747	West Campus Boiler Rm747-Srv714&723	Boiler	Raypac	0.334	08/23/1999	Boiler	WH1-0330	104181820	
748	West Campus Boiler Rm748-Srv715,6,7	Boiler	Raypac	0.334	11/16/2005	Boiler	WH1-0331	1006311561	
749	West Campus Boiler Rm749-Srv718&719	Boiler	Raypac lo nox	0.334		Boiler	WH1-0331	1011316242	
750	West Campus Boiler Rm750-Srv721&729	Boiler	Raypac	0.334		Boiler	WH1-0330	306209236	
751	West Campus Boiler Rm751-Srv722&724	Boiler	Raypac	0.334	07/14/2004	Boiler	WH1-0331	401215897	
752	West Campus Boiler Rm752-Srv724&725	Boiler	Raypac	0.334	02/19/2003	Boiler	WH1-0331	810288563	
753	West Campus Boiler Rm753-Srv726&733	Boiler	Raypac	0.334	01/07/2003	Boiler	WH1-0031	605251750	
754	West Campus Boiler Rm754-Srv727&728	Boiler	Raypac	0.334		Boiler	WH10-0331	510241371	
755	West Campus Boiler Rm755-Srv730&731	Boiler	Raypac	0.334	04/24/2006	Boiler	WH1-0331	805282472	
756	West Campus Boiler Rm756-Srv732&734	Boiler	Raypac lo nox	0.334	09/25/2002	Boiler	WH1-0331	1101318862	
757	West Campus Boiler Rm757-Srv734&735	Boiler	Raypac lo nox	0.334	06/11/2002	Boiler	WH1-0331	1101318862	
768	Storke Office & Laundry	Water Heater	American	0.275	02/13/2014	S786-BLD-WHC	BCG3100T1996NOX108	1204M002012	
778	Storke Grounds Shop & Lndy	Water Heater	American	0.275		S778-BLD-WHC	BCG3100T2756NOX108	1113M001671	
799	Storke Community Ctr	Water Heater	Rheem	0.030		S799-BLD-WHC	21X30-7N	RN0595134167	
808	Santa Ynez Community Center	Water Heater	American	0.030		Y808-BLD-WHC	G51-30T33-3N	9724354707	
815	Santa Ynez Community Ctr	Water Heater	AO Smith	0.199		Y815-BLD-WHC	BTR197100	ML980788209	
817	Santa Ynez Office and Laundry	Water Heater	American	0.270	2/1/2010	Y817-BLD-BOILER	DCG3-100T270	0918F704269	
818	Santa Ynez Jameson OAL	Water Heater	American	0.040		Y818-BLD-WHC	GCV-40-200-00L010S45	1049J006150	
823	Santa Ynez Community Ctr	Water Heater	American	0.030		Y823-BLD-WHC	GVF90-333T	9029305234	
831	Santa Ynez Fitness Center	Water Heater		0.031		Y831-BLD-WHC	N30FFHEMV	I86RNO-01275047	
831	Santa Ynez Casitas Fitness Center	Water Heater		0.031			N30FFHEMV	I86RN01275033	
832	Santa Ynez Maintenance Shp	Water Heater	American	0.034	12/20/2000	Y832-BLD-WHC	G61-40T34-3N	0016110690	
841	San Clemente Arrowhead Village Public Areas	Boiler	Lochinvar	0.400	2008	Boiler (HHW)	CFN401PM	B07H00194709	
841	San Clemente Arrowhead Village Public Areas	Boiler	Lochinvar	0.400	2008	Boiler (HHW)	CFN401PM	A07H00194707	
841	San Clemente Arrowhead Village Public Areas	Boiler	Lochinvar	0.638	2008	Boiler (DHW)	CHN751	A07H00193917	
841	San Clemente Arrowhead Village Public Areas	Boiler	Lochinvar	0.638	2008	Boiler (DHW)	CHN751	I06H00190753	
843	San Clemente Castaic Village Public Areas	Boiler	Lochinvar	0.400	2008	Boiler (HHW)	CFN401PM	A07H00194042	
843	San Clemente Castaic Village Public Areas	Boiler	Lochinvar	0.400	2008	Boiler (HHW)	CFN401PM	A07H00194706	
843	San Clemente Castaic Village Public Areas	Boiler	Lochinvar	0.638	2008	Boiler (DHW)	CHN751	K06H00192816	
843	San Clemente Castaic Village Public Areas	Boiler	Lochinvar	0.638	2008	Boiler (DHW)	CHN751	K06H00192815	
845	San Clemente Encino Village Public Areas	Boiler	Lochinvar	0.400	2008	Boiler (HHW)	CFN401PM	K06H00192672	
845	San Clemente Encino Village Public Areas	Boiler	Lochinvar	0.400	2008	Boiler (HHW)	CFN401PM	A07H00194044	
845	San Clemente Encino Village Public Areas	Boiler	Lochinvar	0.638	2008	Boiler (DHW)	CHN751	C06H00185265	
845	San Clemente Encino Village Public Areas	Boiler	Lochinvar	0.638	2008	Boiler (DHW)	CHN751	J06H00192171	
846	San Clemente Donner Village Public Areas	Boiler	Lochinvar	0.400	2008	Boiler (HHW)	CFN401PM	A07H00194705	
846	San Clemente Donner Village Public Areas	Boiler	Lochinvar	0.400	2008	Boiler (HHW)	CFN401PM	J06H00192437	
846	San Clemente Donner Village Public Areas	Boiler	Lochinvar	0.638	2008	Boiler (DHW)	CHN751	I06H00190754	
846	San Clemente Donner Village Public Areas	Boiler	Lochinvar	0.638	2008	Boiler (DHW)	CHN751	I06H00190757	

## Request for Revisions to Title V Permit

Attachment-04

## DRAFT Attachment 10.12 Permit Exempt Equipment, Small Boilers and Hot Water Heaters

Bldg Number	Building Name	Equipment Type	Manufacturer	Rated Heat Input (MMBtu/hr)	Manufacture Year	Equipment ID	Model	Serial Number	Comments/ Revisions
849	San Clemente Bradbury Village Public Areas	Boiler	Lochinvar	0.400	2008	Boiler (HHW)	CFN401PM	B07H00194708	
849	San Clemente Bradbury Village Public Areas	Boiler	Lochinvar	0.400	2008	Boiler (HHW)	CFN401PM	A07H00193956	
849	San Clemente Bradbury Village Public Areas	Boiler	Lochinvar	0.638	2008	Boiler (DHW)	CHN751	A07H00193918	
849	San Clemente Bradbury Village Public Areas	Boiler	Lochinvar	0.638	2008	Boiler (DHW)	CHN751	A07H00193919	
860	Portola Dining Commons	Boiler	Max Performance	0.800		Steam Boiler	SBX-1375	86-29389	
864	MV La Patera Quad-La Cumbre House	Water Heater	Raypac-Raytherm	0.650	9/1/2002	MVLP-884-1225	WH3-0652	0203192637	
864	MV La Patera Quad-La Cumbre House	Boiler	Weil-McLain	0.494	9/1/2002	Boiler (2.3)	478	CP4160597	
878	MV Las Encinas Quad-Cienaga House	Water Heater	Raypac-Raytherm	0.650	9/1/2002	MVLE-878-1101	WH3-0652	203192634	
878	MV Las Encinas Quad-Cienaga House	Boiler	Weil-McLain	0.494	9/1/2002	Boiler (1.2)	478	CP4160599	
880	MV Las Encinas Quad-Arguello House	Water Heater	Raypac-Raytherm	0.650	9/1/2002	MVLE-880-1301	WH3-0652	0203192633	
880	MV Las Encinas Quad-Arguello House	Boiler	Weil-McLain	0.494	9/1/2002	Boiler (1.4)	478	CP4160594	
881	MV Las Encinas Quad-Miranda House	Water Heater	Raypac-Raytherm	0.650	9/1/2002	MVLE-881-1414	WH3-0652	203192629	
881	MV Las Encinas Quad-Miranda House	Boiler	Weil-McLain	0.494	9/1/2002	Boiler (1.5)	478	CP4160596	
883	MV La Patera Quad-Condor House	Water Heater	Raypac-Raytherm	0.650	9/1/2002	MVLP-883-1102	WH3-0652	203192636	
883	MV La Patera Quad-Condor House	Boiler	Weil-McLain	0.494	9/1/2002	Boiler (2.2)	478	CP4160601	
886	MV La Patera Quad-Tepusquet House	Water Heater	Raypac-Raytherm	0.650	9/1/2002	MVLP-886-1427	WH3-0652	203192631	
886	MV La Patera Quad-Tepusquet House	Boiler	Weil-McLain	0.494	9/1/2002	Boiler (2.5)	478	CP4160602	
889	MV Los Robles Quad-Camuesa House	Water Heater	Raypac-Raytherm	0.650	9/1/2002	MVLR-889-1102	WH3-0652	203192635	
889	MV Los Robles Quad-Camuesa House	Boiler	Weil-McLain	0.494	9/1/2002	Boiler (3.2)	478	CP4160598	
890	MV Los Robles Quad-Pendola House	Water Heater	Raypac-Raytherm	0.650	9/1/2002	MVLR-890-1224	WH3-0652	203192632	
890	MV Los Robles Quad-Pendola House	Boiler	Weil-McLain	0.494	9/1/2002	Boiler (3.3)	478	CP4160595	
892	MV Los Robles Quad-Madulce House	Water Heater	Raypac-Raytherm	0.650	9/1/2002	MVLR-892-1425	WH3-0652	203192630	
892	MV Los Robles Quad-Madulce House	Boiler	Weil-McLain	0.494	9/1/2002	Boiler (3.5)	478	CP4160600	
945	El Dorado Apartments-Entire Complex	Water Heater	American	0.199	2/4/2015	945-CPLX-BOILER	BCG3100T1996NOX108	1346M000826	
945	El Dorado Apartments-Entire Complex	Water Heater	American	0.199	2/4/2015	945-CPLX-BOILER	BCG3100T1996NOX108	1201M001458	
946	Westwinds Apartments-Entire Complex	Boiler	Raypac	0.399		Boiler #1	W2-0403	9903157817	
946	Westwinds Apartments-Entire Complex	Boiler	Raypac	0.399		Boiler #2	W2-0403	9902156625	
947	Westgate Apartments-Entire Complex	Water Heater	American	0.199	3/24/2009	947-CPLX-BOILER	DCG3-100T199-6NOH	0905F704351	
947	Westgate Apartments-Entire Complex	Water Heater	American	0.199	5/3/2002	947-CPLX-BOILER	DCG3-100T199-6NOH	0905F704349	
1861	Portola Dining Commons	Boiler	Parker	0.563		B-1	TC150 (L)		
1861	Portola Dining Commons	Boiler	Parker	0.563		B-2	TC150 (L)		
1863	Tenaya South Tower	Boiler	Parker	0.325		B-1	G72RL		
1863	Tenaya South Tower	Boiler	Parker	0.325		B-2	G72RL		
1864	Tenaya North Tower	Boiler	Parker	0.325		B-1	G72RL		
1864	Tenaya North Tower	Boiler	Parker	0.325		B-2	G72RL		
6560	KITP Residence	Boiler	AERCO	0.990		B-1	BMK 1000		
6560	KITP Residence	Boiler	AERCO	0.990		B-2	BMK 1001		
7940	Del Mar Cottage	Water Heater	AO Smith	0.040	7/31/2008	DMC-WHC	GCV 40 100 00L010S45	0804J004173	