

STATIONARY SOURCE SUMMARY

(Form 1302-A1)

APCD: Santa Barbara County Air Pollution Control District

COMPANY NAME: Celite Corporation

➤ APCD USE ONLY ◀

APCD IDS Processing ID:

Application #:

Date Application Received:

Application Filing Fee*:

Date Application Deemed Complete:

I. SOURCE IDENTIFICATION

1. Source Name: Celite Corporation Lompoc Plant
2. Four digit SIC Code: 1499 USEPA AIRS Plant ID (for APCD use only):
3. Parent Company (if different than Source Name):
4. Mailing Address of Responsible Official: 2500 Miguelito Road, Lompoc, CA 93436
5. Street Address of Source Location (include Zip Code): 2500 Miguelito Road, Lompoc, CA 93436
6. UTM Coordinates (if required) (see instructions): Zone 10, East 733.7 km, North 3831.3 km
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: Celite Corporation
10. Owner's Agent Name (if any): Title: Telephone #:
11. Responsible Official: Mike Perry Title: Lompoc Site Manager Telephone #: 805-737-1272
12. Plant Site Manager/Contact: Sara Wallon Title: Environmental Manager Telephone #: 805-737-1236
13. Type of facility: Diatomaceous earth mineral extraction and processing
14. General description of processes/products: Non-metallic mineral processing
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)

APCD: Santa Barbara County Air Pollution Control District	> APCD USE ONLY < APCD IDS Processing ID:
COMPANY NAME: Celite Corporation	SOURCE NAME: Celite Corporation Lompoc Plant

II. TYPE OF PERMIT ACTION

	CURRENT PERMIT (permit number)	EXPIRATION (date)
<input type="checkbox"/> Initial SBCAPCD's Regulation XIII Application		
<input type="checkbox"/> Permit Renewal		
<input type="checkbox"/> Significant Permit Revision*		
<input checked="" type="checkbox"/> Minor Permit Revision*	PTO 5840	Re-eval prior to May 2012.
<input type="checkbox"/> Administrative Amendment		

III. DESCRIPTION OF PERMIT ACTION

1. Does the permit action requested involve:
- a: Portable Source Voluntary Emissions Caps
 Acid Rain Source Alternative Operating Scenarios
 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:
 Please see attached project description.

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

COMBUSTION EMISSION UNIT (Form 1302-C1)

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I. EMISSION UNIT DESCRIPTION

1. Equipment type: Natural gas fired burner PTO/ATC Number: 13675
2. Equipment description: Temporary boiler
3. For piston ICEs: 2-stroke 4-stroke NA
4. Equipment make, model & serial number: Nebraska, NOX-2A-53, SSN O-5033-T
5. Maximum design process rate or maximum power input/output: 54.65 MMBtu/hr
6. Primary use: diatomaceous earth processing
7. Burner(s) design, operating temperature and capacity: 54.65 MMBtu/hr
8. Control device(s) type and description (if any): Low NOx burner with FGR

II. OPERATIONAL INFORMATION

1. Operating schedule: 24 hours/day 4320 hours/year
2. Exhaust gas properties (temperature, SCFM, %H₂O, %O₂ or %CO₂, % excess air):

3. Fuel specifications:

FUEL TYPE (name)	MAX ANNUAL USAGE** (ft ³ /yr, lb/yr, gal/yr)	HEATING VALUE (BTU/lb or BTU/gal)	SULFUR (%)
PUC Natural Gas	224.846 MMscf/year	1050 btu/scf	80 ppmv

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.
 ** List only if there is a permit restriction limiting annual fuel use below the theoretical maximum usage.

COMBUSTION EMISSION UNIT (Form 1302-C2)

APCD: Santa Barbara County Air Pollution Control District	> APCD USE ONLY <
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4. Emissions for Emission Units described on page(s): previous page

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	NOx	ROC	CO	SOx	PM/PM10
A. Emissions	4.25	0.49	8.63	1.62	0.59
B. Pre-Modification Emissions¹					
C. Emission Change²	4.25	0.49	8.63	1.62	0.59
D. Emission Limit³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions¹					
C. Emission Change²					
D. Emission Limit³					

¹ For permit revisions only; emissions prior to project modification.

² Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

³ For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.) required by any applicable federal requirement.

⁴ HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

COMPLIANCE PLAN (Form 1302-I1)

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I. PROCEDURE FOR USING FORM 1302-I

☞ This form shall be submitted as part of the SBCAPCD's Regulation XIII Application. The Responsible Official shall identify the applicable federal requirement(s) to which the source is subject. In the Compliance Plan (Form 1302-I), a Responsible Official shall identify whether the source identified in the SBCAPCD's Regulation XIII Application currently operates in compliance with all applicable federal requirements.

II. APPLICABLE FEDERAL REQUIREMENTS

Regulatory Reference ²	Applicable Federal Requirement ¹ Regulation Title ²	Affected Emission Unit	In compliance? (yes/no/exempt ³)	Effective Date ⁴
<i>Please refer to PTO 5840; Applicable requirements will not change per this permit modification</i>				
¹ Review APCD SIP Rules, NSPS, NESHAPS, and MACTs. ² Regulatory Reference is the abbreviated citation (e.g. 40 CFR 60 Subpart OOO, APCD Rule 325.H) and Title is the prosaic title (e.g. NSPS Standards of Performance for Nonmetallic Mineral Processing Plants, Crude Oil Production and Separation, Inspection) ³ If exempt from applicable federal requirement, include explanation for exemption. ⁴ Indicate the date during the permit term that the applicable federal requirement will become effective for the emission unit.				

Other Applicable Federal Requirements ⁵	Affected Emission Unit	In compliance?	Effective Date
<i>Please refer to PTO 5840; Applicable requirements will not change per this permit modification</i>			
⁵ All environmentally significant permit conditions -- such as emission, operation, and throughput limitations or compliance monitoring conditions associated with such limitations -- listed in all authority to construct (ATC) permits issued to the Part 70 source are also applicable requirements.			

*** If more than one page is used, please ensure that "Santa Barbara APCD", stationary source name and "Form 1302-I1" appear on each page. ***

COMPLIANCE PLAN (Form 1302-I2)

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III. COMPLIANCE CERTIFICATION

Under penalty of perjury, I certify the following:

- Based on information and belief formed after reasonable inquiry, the source identified in this application will continue to comply with the applicable federal requirement(s) with which the source is in compliance identified in form 1302-I1;
- Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with the future-effective applicable federal requirement(s) identified in form 1302-I1, on a timely basis¹;
- Based on information and belief formed after reasonable inquiry, the source identified in this application is not in compliance with the applicable federal requirement(s), identified in form 1302-I1, and I have attached a compliance plan schedule.²

Signature of Responsible Official

4-28-11

Date

1. Unless a more detailed schedule is expressly required by the applicable federal requirement.
2. At the time of expected permit issuance, if the source expects to be out of compliance with an applicable federal requirement, the applicant is required to provide a compliance schedule with this application, with the following exception. A source which is operating under a variance that is effective for less than 90 days need not submit a Compliance Schedule. For sources operating under a variance, which is in effect for more than 90 days, the Compliance Schedule is the schedule that was approved as part of the variance granted by the hearing board.

The compliance schedule shall contain a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with this applicable federal requirement. For sources operating under a variance, the compliance schedule is part of the variance granted by the hearing board. The compliance schedule shall resemble, and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. For sources not operating under a variance, consult the Air Pollution Control Officer regarding procedures for obtaining a compliance schedule.

CERTIFICATION STATEMENT (Form 1302-M)

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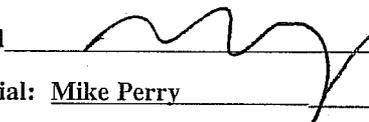
Identify, by checking off below, the forms and attachments that are part of your application. If the application contains forms or attachments that are not identified below, please identify these attachments in the blank space provided below. Review the instructions if you are unsure of the forms and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

Forms included with application: <input checked="" type="checkbox"/> Stationary Source Summary Forms <input type="checkbox"/> Total Stationary Source Emission Forms <input checked="" type="checkbox"/> Compliance Plan Form <input checked="" type="checkbox"/> Compliance Plan Certification Form <input type="checkbox"/> Exempt Equipment Form <input checked="" type="checkbox"/> Certification Statement Form <p style="text-align: center;">List other forms or attachments:</p> <input type="checkbox"/> Check here if additional forms are listed on the back

Attachments included with application: <input type="checkbox"/> Description of Operating Scenarios <input type="checkbox"/> Sample Emissions Calculations <input type="checkbox"/> Fugitive Emission Estimates <input type="checkbox"/> List of Applicable Requirements <input type="checkbox"/> Discussion of units out of compliance with applicable federal requirements and, if required, submit a Schedule of Compliance <input type="checkbox"/> Facility schematic showing emission points <input type="checkbox"/> NSR Permit <input type="checkbox"/> PSD Permit <input type="checkbox"/> Compliance Assurance monitoring protocols <input type="checkbox"/> Risk management verification per 112(r)
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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.

Signature of Responsible Official  Date 4-28-11

Print Name of Responsible Official: Mike Perry

Title of Responsible Official and Company Name: Lompoc Site Manager