

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: Douglas Smith Title: Vice President and General Manager, North American Filtrations Minerals Telephone #: 805-562-0229
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

EMISSION CONTROL UNIT (Form 1302-G1)

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I. EQUIPMENT DESCRIPTION

1. General process description: Processing and storage of Diatomaceous Earth
2. Equipment type: Baghouse ATC/PTO Number: ATC 13570-01
3. Equipment description: BH5DC-01
4. Equipment make, model & serial number: Mikropul, 36S-10-30TR"B", SSN 211046H1
5. Emission unit(s) served by this equipment: Silicates stirred tank
6. Maximum design or rated capacity: 2000 scfm

II. EQUIPMENT DESIGN INFORMATION

1. Exhaust gas:

Temperature: <u>110</u> °F	Flow Rate: <u>2000</u> SCFM
Moisture: _____ %	Oxygen: _____ %
CO ₂ : _____ %	
2. General:

Manufacturer: <u>Mikropul</u>	Pressure Drop: <u>maximum 6 inches H₂O in-Hg</u>
Inlet Temp.: <u>110</u> °F	Outlet Temp.: <u>110</u> °F
3. Catalyst data:

Catalyst Type/Material: _____	
Catalyst Life: _____ years	Volume: _____ Ft ³
Space Velocity: _____ Ft ³ /Ft	NH ₃ inj. Rate: _____ gal/hr
NH ₃ Inj. Temp.: _____ °F	
4. Baghouse data:

Design: <input type="checkbox"/> Positive Pressure	<input checked="" type="checkbox"/> Negative Pressure
Cleaning Method: <u>online pulse jet</u>	
Fabric Material: <u>Mikrotex, 16 oz polyester with PTFE membrane</u>	
Flow Rate: <u>2000</u> SCFM	<u>5.90:1</u> Air/Cloth Ratio:
5. ESP data:

Number of fields:	Cleaning Method:
Power Input:	
6. Scrubber data:

Type/design:	Sorbent Type:
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7. Other Control Devices (include design information adequate to verify efficiency):

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

Santa Barbara APCD, Celite Lompoc, Form 1302-I1				
Regulatory Reference ²	Applicable Federal Requirement ¹ Regulation Title ²	Affected Emission Unit	In compliance? (yes/no/exempt ³)	Effective Date ⁴
40 CFR 60 Subpart 000	Standards of Performance for Nonmetallic Mineral Processing Plants	113830, 113831	Yes	2011
40 CFR 70	Operating Permits	All	Yes	2011
APCD Rule 301	Circumvention	All	Yes	2011
APCD Rule 302	Visible Emissions	All	Yes	2011
APCD Rule 303	Nuisance	All	Yes	2011
APCD Rule 304	Particulate Matter, Northern Zone	All	Yes	2011
APCD Rule 306	Dust and Fumes, Northern Zone	All	Yes	2011
APCD Rule 505	Breakdown Conditions	All	Yes	2011
APCD Rule 801	New Source Review	All	Yes	2011
APCD Rule 802	Nonattainment Review	All	Yes	2011
APCD Rule 803	Prevention of Significant Deterioration	All	Yes	2011

¹ Review APCD SIP Rules, NSPS, NESHAPS, and MACTs.

² Regulatory Reference is the abbreviated citation (e.g. 40 CFR 60 Subpart 000, 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.

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Other Applicable Federal Requirements ⁵	Affected Emission Unit	In compliance?	Effective Date
Permit Condition 1: Emission Limitations	All equipment	Yes	2011
Permit Condition 2: Operating Limitations	All equipment	Yes	2011
Permit Condition 3: Monitoring	All equipment	Yes	2011
Permit Condition 4: Recordkeeping	All equipment	Yes	2011
Permit Condition 6: Baghouse Maintenance and Inspection	114326	Yes	2011
Permit Condition 7: Source Testing	114326	Yes	2011
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)

APCD: Santa Barbara County Air Pollution Control District	> APCD USE ONLY < APCD IDS PROCESSING ID:
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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.

Signature of Responsible Official

5/1/2012
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)

APCD: Santa Barbara County Air Pollution Control District	> APCD USE ONLY < APCD IDS PROCESSING ID:
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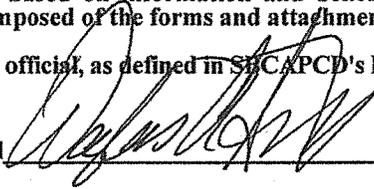
Identify, by checking off below, the forms and attachments that are part of your application. If the application contains forms or attachments that are not identified below, please identify these attachments in the blank space provided below. Review the instructions if you are unsure of the forms and 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 SB/CAPCD's Regulation XIII, Rule 1301 or USEPA's 40 CFR Part 70.

Signature of Responsible Official  Date 5/1/2012

Print Name of Responsible Official: Douglas Smith

Title of Responsible Official and Company Name:
Vice President and General Manager, North American Filtrations Minerals