



OAQ PROCESS INFORMATION APPLICATION

PI-13: Lime Manufacturing

State Form 52553 (R2 / 1-10)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
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 Toll Free: 1-800-451-6027 x30178 (within Indiana)
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NOTES:

- The purpose of this form is to obtain detailed information about the combustion process. Complete one form for each combustion unit (or group of identical combustion units).
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

Part A: Lime Manufacturing Processes

Part A identifies the processes related to Lime Manufacturing and additional forms that may be needed.

1. Process	2. Use the form listed for the specified processes. Check all that apply.
a. Quarrying Activities	This form is included for any quarry or mine activity: <div style="text-align: right;"> <input type="checkbox"/> PI-18 <input type="checkbox"/> N/A </div>
b. Storage and Handling of Raw Materials	This form is included for raw materials unloading / storage: <div style="text-align: right;"> <input type="checkbox"/> PI-03 <input type="checkbox"/> N/A </div>
c. Crushing and Sizing of raw materials (material processing)	This form is included for the processing of raw materials: <div style="text-align: right;"> <input type="checkbox"/> PI-18 <input type="checkbox"/> N/A </div>
d. Storage and Handling of Ground materials	This form is included for ground material unloading / storage: <div style="text-align: right;"> <input type="checkbox"/> PI-03 <input type="checkbox"/> N/A </div>
e. Kiln	These forms are included for the kiln: <div style="text-align: right;"> <input type="checkbox"/> PI-02A <input type="checkbox"/> N/A <input type="checkbox"/> PI-02E <input type="checkbox"/> N/A <input type="checkbox"/> PI-02G <input type="checkbox"/> N/A <input type="checkbox"/> PI-02H <input type="checkbox"/> N/A </div>
f. Fuel Type for Kiln (other than Natural Gas)	Submit following form if fuel other than natural gas used: <div style="text-align: right;"> <input type="checkbox"/> PI-02F <input type="checkbox"/> N/A </div>
g. Crushing and Sizing of Finished Products (Material Processing)	This form is included for the processing of finished products: <div style="text-align: right;"> <input type="checkbox"/> PI-18 <input type="checkbox"/> N/A </div>
h. Storage and Handling of Finished Product	This form is included for the handling / storage of finished products: <div style="text-align: right;"> <input type="checkbox"/> PI-03 <input type="checkbox"/> N/A </div>
i. Other process(es)	This form is included for (<i>specify process</i>): <div style="text-align: right;"> <input type="checkbox"/> <input type="checkbox"/> N/A </div>

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PART B: Lime Manufacturing Summary

Part B identifies the lime manufacturing details.

3. Unit ID:	4. Installation Date: <i>(actual or anticipated)</i>
5. How many (identical) process units are identified in this form?	<input type="checkbox"/> One <input type="checkbox"/> More than one <i>(specify number)</i> : _____
6. Maximum Amount of Raw Materials Processed:	_____ tons per hour <i>(tons/hr)</i>
	_____ tons per year <i>(tpy)</i>
7. Raw Material <i>(as a percentage of total)</i> :	<input type="checkbox"/> Calcium Carbonate
	<input type="checkbox"/> Aragonite
	<input type="checkbox"/> Chalk
	<input type="checkbox"/> Chalk
	<input type="checkbox"/> Coral
	<input type="checkbox"/> Marble
	<input type="checkbox"/> Seashells
	<input type="checkbox"/> Other <i>(specify)</i> :
8. Maximum Amount of Lime Produced:	_____ tons per year <i>(tpy)</i>

PART C: Federal Rule Applicability

Part C identifies any federal rules that apply to the process.

9. Is a New Source Performance Standard (NSPS) applicable to this source? <i>If yes, identify the affected emission units and attach a completed FED-01 for each rule that applies.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	10. Unit ID(s)
<input type="checkbox"/> 40 CFR Part 60, Subpart HH Lime Manufacturing Plants		
<input type="checkbox"/> 40 CFR Part 60, Subpart UUU Calciners and Dryers in Mineral Industries		
11. Is a National Emission Standard for Hazardous Air Pollutants (NESHAP) applicable to this source? <i>If yes, identify the affected emission units and attach a completed FED-01 for each rule that applies.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	12. Unit ID(s)
<input type="checkbox"/> 40 CFR Part 63, Subpart AAAAA Lime Manufacturing		
13. Non-Applicability Determination: Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.		