

## PERMIT APPLICATION SUMMARY FORM

### General Facility Information

Facility name: Signal Mountain Cement Company d/b/a Buzzi Unicem USA  
Facility address: 1201 Suck Creek Road Chattanooga, TN 37405-9713  
Source description: Manufacturer of hydraulic cement  
SIC code of major product: 3241  
CDS (10-digit) Plant ID: 47-065-03070  
Date application received: 10/06/2014  
Application number:  
Permit number(s): 47-065-3070

### Application Type/Permit Activity

- |                                                    |                                            |
|----------------------------------------------------|--------------------------------------------|
| <input type="checkbox"/> Initial issuance          | <input type="checkbox"/> General permit    |
| <input type="checkbox"/> Permit modification       | <input type="checkbox"/> Conditional major |
| <input checked="" type="checkbox"/> Permit renewal |                                            |

### Facility Emissions Summary

<u>Pollutant</u>	<u>Uncontrolled emissions (tpy)<sup>1</sup></u>	<u>Potential emissions (tpy)</u>
PM	19,640.51	348.75
SO <sub>2</sub>	392.01	392.01
NO <sub>x</sub>	3,530.67	1,765.53
CO	1,086.73	1,086.73
VOC	98.93	98.93
Lead		
HAP <sub>≥10 tpy or 25 tpy (by CAS)</sub>		
Hydrogen Chloride	2.26	2.26

### Compliance Summary

- |                                                                     |                                                       |
|---------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Source is out of compliance                | <input type="checkbox"/> Compliance schedule included |
| <input checked="" type="checkbox"/> Compliance certification signed |                                                       |

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<sup>1</sup>Emissions if no control equipment or restrictions on operations were in place.

### Applicable Requirements list

- NSR
- PSD

- NSPS
- NESHAPs

- SIP
- Other

### Miscellaneous

- Acid rain source
- Source subject to 112(r)
- Source requested synthetic PTE limit to avoid major source requirement (e.g., PSD, MACT)
- Source applied for federally enforceable emissions cap
- Source provided terms for alternative operating scenarios
- Source subject to a MACT standard
- Source requested case-by-case 112(g) or (j) determination
- Source applied for a plant-wide applicability limit (PAL)
- Source requested terms for operational flexibility
- Source requested streamlining of multiple applicable requirements
- Source requested monitoring plan to establish periodic monitoring
- Application proposes new control technology
- Certified by responsible official
- Diagrams or drawings included
- Confidential business information (CBI) included