

## PERMIT APPLICATION SUMMARY FORM

### General Facility Information

Facility name: BASF Corporation (Plant #2)  
Facility address: 2120 Polymer Drive Chattanooga, TN 37421-2263  
Source description: Manufacturer of styrene-butadiene copolymer latex  
SIC code of major product: 2821  
CDS (10-digit) Plant ID: 47-065-01170  
Date application received: 12/17/13  
Application number:  
Permit number(s): 47-065-1170

### Application Type/Permit Activity

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

### Facility Emissions Summary

<u>Pollutant</u>	<u>Uncontrolled emissions (tpy)<sup>1</sup></u>	<u>Potential emissions (tpy)</u>
PM	2.554	2.554
SO <sub>2</sub>	0.310	0.310
NO <sub>x</sub>	11.181	11.181
CO	18.374	18.374
VOC	260.0	4.881
Lead		
HAP $\geq$ 10 tpy or 25 tpy (by CAS)		
106-99-0	216.2	0.407
100-42-5	21.3	3.152

### 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