



# MAJOR SOURCE OPERATING PERMIT

**PERMITTEE:** FMC CORPORATION  
**FACILITY NAME:** MOBILE MANUFACTURING CENTER  
**FACILITY/PERMIT NO.:** 503-5001  
**LOCATION:** AXIS, MOBILE COUNTY, ALABAMA

*In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, Ala. Code §§ 22-28-1 to 22-28-23, as amended, the Alabama Environmental Management Act, Ala. Code §§ 22-22A-1 to 22-22A-17, as amended, and rules and regulations adopted there under, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.*

*Pursuant to the **Clean Air Act of 1990**, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management, and citizens in general. Those provisions which are not required under the **Clean Air Act of 1990** are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.*

**Issuance Date:** October 12, 2021  
**Effective Date:** October 12, 2021  
**Modification Date:** DATE, 2022  
**Expiration Date:** October 11, 2026

**B Business Unit (BBU)**  
**Informational Summary**

**Description:** B Business Unit (BBU)

**Emission Unit:** 002

**Operating Schedule:** 8,760 hours/year

This unit contains equipment that is subject to the following NSPS's, NESHAP's, or MACT's:

**40 CFR Part 63, Subpart DD**

Pollutants Emitted

<b>Emission Point No.</b>	<b>Point Description</b>	<b>Pollutant</b>	<b>Emission Limit</b>	<b>Standard</b>
C-U405	Steam Stripper	VOHAP	Maintain point-of-delivery VOHAP concentration < 500 ppmw	335-3-11-.06(29)

## B Business Unit Provisos

Federally Enforceable Provisos	Regulations
<i>Applicability</i>	
8. This source is subject to the requirements of 40 CFR Part 63, Subpart DD – National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations.	ADEM Admin. Code r. 335-3-11-.06(29)
9. This source is subject to the requirements of the General Provisions as indicated in 40 CFR Part 63, Subpart A, unless otherwise stated in 40 CFR Part 63, Subpart DD.	ADEM Admin. Code r. 335-3-11-.06(1)
<i>Emission Standards</i>	
12. As indicated in §63.683(b)(1)(iii) and §63.683(c)(1)(ii), the facility shall maintain the average VOHAP concentration of the off-site material at less than 500 ppm by weight at the point-of-delivery.	ADEM Admin. Code r. 335-3-11-.06(29)
13. As indicated in §63.683(e), the facility shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.	ADEM Admin. Code r. 335-3-11-.06(29)
<i>Compliance and Performance Test Methods and Procedures</i>	
8. The initial determination procedures specified in §63.694(b) shall be followed to determine the average VOHAP concentration of the off-site material at the point-of-delivery.	ADEM Admin. Code r. 335-3-11-.06(29)
<i>Emission Monitoring</i>	
6. As an indicator of compliance with the HCl and Cl <sub>2</sub> emission limitation of the Acidic Vent Scrubber (C-B301), the facility shall maintain a circulating scrubbing liquor pH, calculated as a daily average, of 9.5 or greater. The facility shall continuously monitor the liquor pH and record a measurement at least once every 15 minutes.	ADEM Admin. Code r. 335-3-11-.06(64)
13. As indicated in §63.683(b)(1)(iii) and §63.683(c)(1)(ii), the facility shall review and update, as necessary, the average VOHAP concentration of the off-site material at least once every calendar year following the date of the initial determination.	ADEM Admin. Code r. 335-3-11-.06(29)

## B Business Unit Provisos

<b>Federally Enforceable Provisos</b>	<b>Regulations</b>
<i>Recordkeeping and Reporting Requirements</i>	
6. Records of the daily average scrubber liquor pH for Acidic Vent Scrubber (C-B301) shall be maintained and readily available for inspection for a period of five (5) years.	ADEM Admin. Code r. 335-3-11-.06(64)
14. If the VOHAP concentration of the off-site material is greater than or equal to 500 ppm by weight at the point-of-delivery, the facility shall notify the Department within 48 hours.	ADEM Admin. Code r. 335-3-16-.05(c)(ii).