



# GEORGIA

DEPARTMENT OF NATURAL RESOURCES

## ENVIRONMENTAL PROTECTION DIVISION

### Air Quality - Part 70 Operating Permit Amendment

**Facility Name:** Milliken & Company Live Oak/Milstar Complex

**Facility Address:** 300 Lukken Industrial Dr., West  
LaGrange, Georgia 30240 Troup County

**Mailing Address:** P.O. Box 1926 Mail Stop M482  
Spartanburg, South Carolina 29304

**Parent/Holding Company:** Milliken & Company

**Facility AIRS Number:** 04-13-285-00032

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to and in effect under the Act, the Permittee described above is issued a construction permit for:

**The modification of one existing line for printing and finishing by adding a printing operation and finishing equipment.**

This Permit Amendment shall also serve as a final amendment to the Part 70 Permit unless objected to by the U.S. EPA or withdrawn by the Division. The Division will issue a letter when this Operating Permit amendment is finalized.

This Permit Amendment is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted and in effect under that Act, or any other condition of this Amendment and Permit No. **2273-285-0032-V-04-0**. Unless modified or revoked, this Amendment expires upon issuance of the next Part 70 Permit for this source. This Amendment may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in App No. **TV-329876**, dated **June 7, 2019**; any other applications upon which this Amendment or Permit No. **2273-285-0032-V-04-0** are based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Amendment is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **5** pages.



Richard E. Dunn, Director  
Environmental Protection Division

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**PART 1.0 FACILITY DESCRIPTION****1.3 Process Description of Modification**

Milliken proposes to modify the existing line (Generic Emission Group AK01) for printing and finishing by adding a printing operation and finishing equipment. The proposed changes will result in the facility's potential to emit for VOC to exceed 250 tons per year. To avoid PSD major source status, the facility requests a facility wide PSD minor limit of 249 tpy on VOC emissions. The facility also requests a facility wide single HAP and combined HAPs 10/25 tpy limits in this Permit Amendment.

**PART 2.0 REQUIREMENTS PERTAINING TO THE ENTIRE FACILITY**

**2.1 Facility Wide Emission Caps and Operating Limits**

Added Conditions:

- 2.1.1 The Permittee shall not discharge, or cause the discharge into the atmosphere from this facility, volatile organic compounds (VOC) in amounts equal to or exceeding 249 tons during any consecutive 12-month period.  
[PSD Avoidance, 40 CFR Part 52.21]
- 2.1.2 The Permittee shall not discharge or cause the discharge into the atmosphere from the entire facility any single hazardous air pollutant in amounts equal to or exceeding 10 tons during any consecutive 12-month period, or any combination of such listed pollutants in amounts equal to or exceeding 25 tons during any consecutive 12-month period.  
[40 CFR 63.820 Avoidance]

**PART 6.0 OTHER RECORD KEEPING AND REPORTING REQUIREMENTS****6.1 General Record Keeping and Reporting Requirements**Added Conditions:

- 6.1.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:  
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]
- b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)
- v. Any 12-month rolling total of combined VOC emissions from the entire facility that equals or exceeds 249 tons.
- vi. Any 12-month rolling total of single HAP or combined HAPs from the entire facility that equals or exceeds 10 tons or 25 tons, respectively.

**6.2 Specific Record Keeping and Reporting Requirements**Added Conditions:

- 6.2.13 The Permittee shall maintain monthly usage records of all VOC containing materials used entire facility. These records shall include the total weight of each material used and the VOC content of each material (expressed as a weight percentage). If the Permittee wishes to subtract the volatile content of waste materials from the VOC emissions calculations, the records must also indicate the weight of any containerized material disposed as waste, the VOC content of the containerized waste material, and documentation of the method for determining the VOC content of the waste material.  
[391-3-1-.02(6)(b)1 and 391-3-1-.03(2)(c)]
- 6.2.14 The Permittee shall use the monthly usage records required in Condition 6.2.13 to calculate the total monthly VOC emissions from the entire facility. All variables used in the calculation, including any Division-approved emission factors, control efficiencies or coating transfer efficiencies, shall be kept as part of the monthly records. The Permittee shall notify the Division in writing if the total VOC emissions exceed 20.75 tons during any calendar month. This notification shall be postmarked by the fifteenth day of the following month and shall include an explanation of how the Permittee intends to maintain compliance with the emission limit in Condition 2.1.1.  
[391-3-1-.02(6)(b)1 and 391-3-1-.03(2)(c)]

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- 6.2.15 The Permittee shall use the calculations required by Condition 6.2.14 to determine the total VOC emissions from the entire facility for each twelve consecutive month period. All calculations shall be kept as part of the monthly record required by Condition 6.2.13. Each 12-month rolling total shall be included in the semiannual report specified in Condition 6.1.4. The Permittee shall notify the Division in writing if the total VOC emissions equal or exceed 249 tons during any twelve consecutive month period. This notification shall be postmarked by the fifteenth day of the following month and shall include an explanation of how the Permittee intends to attain future compliance with the emission limit in Condition 2.1.1.  
[391-3-1-.02(6)(b)1 and 391-3-1-.03(2)(c)]
- 6.2.16 The Permittee shall maintain monthly usage records of all HAP containing materials used in the entire facility. These records shall include the total weight of each material used and the HAP content of each material (expressed as a weight percentage). If the Permittee wishes to subtract the HAP content of waste materials from the HAP emissions calculations, the records must also indicate the weight of any containerized material disposed as waste, the HAP content of the containerized waste material, and documentation of the method for determining the HAP content of the waste material.  
[391-3-1-.02(6)(b)1 and 391-3-1-.03(2)(c)]
- 6.2.17 The Permittee shall use the records required in Condition 6.2.16 to determine the total monthly emissions of combined hazardous air pollutants and the total monthly emissions of each listed hazardous air pollutant from the entire facility. All demonstration calculations, including any Division-approved emission factor, control efficiency and/or coating transfer efficiency used in the calculations, shall be kept as part of the records required in Condition 6.2.16. The Permittee shall notify the Division in writing if emissions of any individual hazardous air pollutant exceed 0.83 tons from the entire facility, or if emissions of all listed hazardous air pollutants combined exceed 2.08 tons from the entire facility, during any calendar month. This notification shall be postmarked by the fifteenth day of the following month and shall include an explanation of how the Permittee intends to maintain compliance with the emission limit in Condition 2.1.2.  
[391-3-1-.02(6)(b)1 and 391-3-1-.03(2)(c)]
- 6.2.18 The Permittee shall use monthly HAP emission data generated in accordance with Condition 6.2.17 to calculate the 12-month rolling totals of single HAP and all HAPs emitted from the entire plant/facility for each calendar month. All calculations shall be kept as part of the monthly record required by Condition 6.2.16. Each 12-month rolling total shall be included in the semiannual report specified in Condition 6.1.4. The Permittee shall notify the Division in writing if the 12 month rolling total of any single HAP or all HAPs combined equals or exceeds 10 tons or 25 tons, respectively, specified in Condition 2.1.2 during the current period of 12 consecutive months. This notification shall be postmarked by the fifteenth day of the following month and shall include an explanation of how the Permittee intends to attain future compliance with the emission limit(s) as specified in Condition 2.1.2.  
[391-3-1-.02(6)(b)1 and 391-3-1-.03(2)(c)]

## **Title V Permit Amendment**

Milliken & Company Live Oak/Milstar Complex

Permit No.: 2273-285-0032-V-04-1

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### **Attachments**

- B. Insignificant Activities Checklist, Insignificant Activities Based on Emission Levels and Generic Emission Groups

## Title V Permit Amendment

Milliken & Company Live Oak/Milstar Complex

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### ATTACHMENT B

#### GENERIC EMISSION GROUPS (Updated)

Emission units/activities appearing in the following table are subject only to one or more of Georgia Rules 391-3-1-.02 (2) (b), (e) &/or (n). Potential emissions of particulate matter, from these sources based on TSP, are less than 25 tons per year per process line or unit in each group. Any emissions unit subject to a NESHAP, NSPS, or any specific Air Quality Permit Condition(s) are not included in this table.

Description of Emissions Units / Activities	Number of Units (if appropriate)	Applicable Rules		
		Opacity Rule (b)	PM from Mfg Process Rule (e)	Fugitive Dust Rule (n)
AA01 – Shearing of Carpet	2	Yes	Yes	No
AB01 – Silos	3	Yes	Yes	No
AC01 – Range 800	1	Yes	Yes	No
AD01 – Dye Service Area	3	Yes	Yes	No
AH01 – Parts Cleaning Oven	1	Yes	Yes	No
AI01 – Broadloom Dye Ranges	2	Yes	Yes	No
AJ01 – Tile Shearing/Finishing Range	1	Yes	Yes	No
<b>AK01 – Tile Pattern Ranges*</b>	<b>4</b>	Yes	Yes	No
SAM1 – Sample Dryer	1	Yes	Yes	No
TB01 – Off-line T-Back	1	Yes	Yes	No

\* Proposed with this application