

1

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

### **GENERAL PERMIT CONDITIONS**

#### **TERMINATION OF PERMIT TO INSTALL**

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

#### **NOTICE OF INSPECTION**

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

#### **CONSTRUCTION OF NEW SOURCES**

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as

2

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

### **PERMIT TO INSTALL FEE**

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

### **PUBLIC DISCLOSURE**

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

### **APPLICABILITY**

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

3

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

### **BEST AVAILABLE TECHNOLOGY**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

### **PERMIT TO OPERATE APPLICATION**

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be filed no later than thirty days after commencement of operation.

### **SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION**

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

4

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

5

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Color and Composite Technologies Inc** located in **Shelby** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

Ohio  
EPA  
Source  
Number

P017

P018

P019

P020

P020  
Cont'd

P001  
(exist-ing)

P019  
Cont'd

Facility Name: **Color and Composite Technologies Inc**  
 Application Number: **05-9679**  
 Date: **April 28, 1999**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>  (exist- ing)
	P003 (exist- ing)			
			P011 (exist- ing)	
P002 (exist- ing)				
		P010 (exist- ing)		
P002 (exist- ing) Cont'd				P014 (exist- ing)
	P003 (exist- ing) Cont'd			
	P009 (exist- ing)	P010 (exist- ing) Cont'd		
			P013	

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P014 (exist- ing) Cont'd	P016 (exist- ing)	Source Identification <u>Description</u>	Plastic extruder no. 12	
		Plastic extruder no. 11		
P015 (exist- ing)	P016 (exist- ing) Cont'd			Plastic extruder no. 14
			Plastic extruder no. 13	

8

Facility Name: **Color and Composite Technologies Inc**  
Application Number: **05-9679**  
Date: **April 28, 1999**

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Line no. 3

Line no. 5

Line  
no. 1

Line no. 2

Line no. 4

Lab line

Line no. 6

Facility Name: **Color and Composite Technologies Inc**  
Application Number: **05-9679**  
Date: **April 28, 1999**

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Line no. 8

Line  
no. 7

Line no. 9

Facility Name: **Color and Composite Technologies Inc**  
 Application Number: **05-9679**  
 Date: **April 28, 1999**

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		Compliance with the emission limits and the terms and conditions of the permit		
	<u>BAT Determination</u>			
		Compliance with the emission limits and the terms and conditions of the permit		Not applicable
			Compliance with the emission limits and the terms and conditions of the permit	
		Compliance with the emission limits and the terms and conditions of the permit		Not applicable

Facility Name: **Color and Composite Technologies Inc**  
Application Number: **05-9679**  
Date: **April 28, 1999**

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Not applicable

Not applicable

Not applicable

Not applicable

Not  
applica  
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Not applicable

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Application Number: **05-9679**  
Date: **April 28, 1999**

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Facility Name: **Color and Composite Technologies Inc**  
 Application Number: **05-9679**  
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		3745-31-05		
	Applicable Federal & OAC Rules			
	3745-31-05			
				3745-21-07 (G)
				3745-17-11
			3745-21-07 (G)	3745-31-02 (A) (2)
			3745-17-11	
		3745-21-07 (G)	3745-31-05	
		3745-17-11		
	3745-21-07 (G)	3745-31-05		
	3745-17-11			
				3745-17-11

Facility Name: **Color and Composite Technologies Inc**  
 Application Number: **05-9679**  
 Date: **April 28, 1999**

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	02 (A) (2)			
3745-21-07 (G)			3745-21-07 (G)	
3745-31-02 (A) (2)			3745-31-02 (A) (2)	
		3745-17-11		
		3745-21-07 (G)		3745-17-11
		3745-31-02 (A) (2)		3745-21-07 (G)
	3745-17-11			3745-31-02 (A) (2)
	3745-21-07 (G)		3745-17-11	
			3745-21-07 (G)	
3745-17-11	3745-31-02 (A) (2)			
3745-21-07 (G)			3745-31-02 (A) (2)	
3745-31-02		3745-17-11		

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
	3745-21-07 (G)		year;	P011, P013,
		Permit Allowable	the combined	P014, P015,
	3745-31-02	Mass Emissions	emissions from	P016, P017,
3745-17-11	(A) (2)	and/or Control/Usage	sources P001,	P018, P019, and
		<u>Requirements</u>	P002, P003,	P020 shall not
		0.3 pound PM/hour,	P009, P010,	exceed 99.0 TPY
3745-21-07	(G)	1.31 tons	P011, P013,	PM and 99.0 TPY
		particulate matter	P014, P015,	OC per rolling
		per year;	P016, P017,	12-month average
		1.5 pounds OC/hour	P018, P019, and	
3745-31-02		6.57 tons OC per	P020 shall not	See A.3. of
		year;	exceed 99.0 TPY	Additional
(A) (2)		the combined	PM and 99.0 TPY	Special Terms
		emissions from	OC per rolling	and Conditions
		sources P001, P002,	12-month	
		P003, P009, P010,	average	**
		P011, P013, P014,		
		P015, P016, P017,	See A.2. of	0.35 pound
		P018, P019, and P020	Additional	PM/hour,
		shall not exceed	Special Terms	1.53 tons
		99.0 TPY PM and 99.0	and Conditions	particulate
		TPY OC per rolling	**	matter per year;
		12-month average		1.75 pounds
	3745-17-11		0.35 pound	OC/hour
			PM/hour,	7.67 tons OC per
		See A.1. of	1.53 tons	year;
	3745-21-07	Additional Special	particulate	the combined
	(G)	Terms and Conditions	matter per	emissions from
		**	year;	sources P001,
			1.75 pounds	P002, P003,
			OC/hour	P009, P010,
			7.67 tons OC	P011, P013,
			per year;	P014, P015,
		0.25 pound PM/hour,	the combined	P016, P017,
		1.10 tons	emissions from	P018, P019, and
3745-17-11		particulate matter	sources P001,	P020 shall not
		per year;	P002, P003,	exceed 99.0 TPY
		1.25 pounds OC/hour	P009, P010,	PM and 99.0 TPY
		5.48 tons OC per		OC per rolling

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

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12-month average	P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average.	0.20 pound PM/hour 19.8 pounds OC/day	1.0 pounds PM/hour	emissions from sources P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average
See A.4. of Additio nal Special Terms and Condi tions	0.10 pound PM/hour	0.14 ton particulate matter per year; 0.007 ton OC per year; the combined emissions from sources P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average.	19.8 pounds OC/day 2.5 tons particulate matter per year; 4.6 tons OC per year; the combined emissions from sources P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average	0.30 pound PM/hour
** 0.40 ton particulate matter per year; 4.4 tons OC per year; the combined emissions from sources P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average.	21.9 pounds OC/day 0.60 ton particulate matter per year; 3.3 tons OC per year; the combined emissions from sources P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average.	1.1 pounds PM/hour 0.055 pound OC/day 3.4 tons particulate matter per year; 3.74 tons OC per year; the combined emissions from sources P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average	0.6 pound PM/hour 26.4 pounds OC/day 1.3 tons particulate matter per year; 4.8 tons OC per year; the combined emissions from sources P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average	26.4 pounds OC/day 0.90 ton particulate matter per year; 4.8 tons OC per year; the combined emissions from sources P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average

Facility Name: **Color and Composite Technologies Inc**  
 Application Number: **05-9679**  
 Date: **April 28, 1999**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
0.16 pound PM/hour	and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC	average 2.9 pounds PM/day		
26.4 pounds OC/day	per rolling 12-month average	26.4 pounds VOC/day 0.816 ton particulate matter per year;		
0.129 ton particulate matter per year;	0.704 pound PM/day 40 pounds VOC/day	7.3 tons OC per year; the combined emissions from sources P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average		
7.3 tons OC per year; the combined emissions from sources P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average	0.535 ton particulate matter per year; 4.82 tons OC per year; the combined emissions from sources P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019, and P020 shall not exceed 99.0 TPY PM and 99.0 TPY OC per rolling 12-month average	4.47 pounds PM/day 40 pounds VOC/day		

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

\*\* The emission limitation(s)/opacity restrictions established by these rules are less stringent than those established by OAC rule 3745-31-05(BAT).

#### SUMMARY

#### TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
OC	99.0
PM	99.0

#### AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

#### CONSTRUCTION COMPLIANCE CERTIFICATION

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

#### ADDITIONAL SPECIAL TERMS AND CONDITIONS

##### Introduction

The application for PTI 05-9679 included 2 new plastics extruders. This application was combined with PTI application 05-8976 which was received by this office in 1997. 05-8976 includes 2 extruder lines similar to those in 05-9679. The decision was made

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

to combine the two applications and issue one permit. In the application for 05-9679, the company requested that they be given a plant-wide 99 TPY cap on OC emissions and a 99 TPY cap on particulate emissions. To make the facility a synthetic minor a restriction on the pounds of materials used in all the processes was established. "Materials" is defined as the solids that are input into the process and are eventually mixed and extruded into a finished product(see A.3.).

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The emissions of organic compounds (OC) for emissions units P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019 and P020 shall not exceed 99.0 tons per year (TPY) combined, based upon a rolling, 12-month summation of the OC emissions.

After the first 12 calendar months of operation following issuance of this permit, compliance with the annual OC emissions limitation shall be based upon a rolling, 12-month summation of the monthly emissions.

2. The emissions of particulate matter (PM) for emissions units P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019 and P020 shall not exceed 99.0 tons per year (TPY) combined, based upon a rolling, 12-month summation of the PM emissions.

After the first 12 calendar months of operation following issuance of this permit, compliance with the annual PM emissions limitation shall be based upon a rolling, 12-month summation of the monthly emissions.

3. The maximum annual raw material usage rate for emissions units P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019 and P020 combined shall not exceed 396,000,000 pounds of raw materials per year, based upon a rolling, 12-month summation of the raw material usage rates.

To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the raw material usage levels specified in the following table:

<u>Months</u>	<u>Maximum Allowable Cumulative Raw material usage (pounds)</u>
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Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

1	33,000,000
1-2	66,000,000
1-3	99,000,000
1-4	132,000,000
1-5	165,000,000
1-6	198,000,000
1-7	231,000,000
1-8	264,000,000
1-9	297,000,000
1-10	330,000,000
1-11	363,000,000
1-12	396,000,000

After the first 12 calendar months of operation following issuance of this permit, compliance with the annual raw material usage rate limitation shall be based upon a rolling, 12-month summation of the raw material usage rates.

4. Emission Unit P017

- a. The organic compound emissions shall not exceed 1.5 pounds per hour.
- b. The organic compound emissions shall not exceed 6.57 tons per year.
- c. The particulate emissions shall not exceed 0.3 pound per hour.
- d. The particulate emissions shall not exceed 1.31 tons per year.

5. Emission Unit P018

- a. The organic compound emissions shall not exceed 1.25 pounds per hour.
- b. The organic compound emissions shall not exceed 5.48 tons per year.
- c. The particulate emissions shall not exceed 0.25 pound per hour.
- d. The particulate emissions shall not exceed 1.1 tons per year.

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

6. Emission Unit P019

- a. The organic compound emissions shall not exceed 1.75 pounds per hour.
- b. The organic compound emissions shall not exceed 7.67 tons per year.
- c. The particulate emissions shall not exceed 0.35 pound per hour.
- d. The particulate emissions shall not exceed 1.53 tons per year.

7. Emission Unit P020

- a. The organic compound emissions shall not exceed 1.75 pounds per hour.
- b. The organic compound emissions shall not exceed 7.67 tons per year.
- c. The particulate emissions shall not exceed 0.35 pound per hour.
- d. The particulate emissions shall not exceed 1.53 tons per year.

8. Emission Unit P001 (existing)

- a. The particulate emissions shall not exceed 0.10 pound per hour.
- b. The particulate emissions shall not exceed 0.40 ton per year.
- c. The organic compound emissions shall not exceed 21.9 pounds per day.
- d. The organic compound emissions shall not exceed 4.4 tons per year.

9. Emission unit P002 (existing)

- a. The particulate emissions shall not exceed 0.20 pound per hour.

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

- b. The particulate emissions shall not exceed 0.60 ton per year.
  - c. The organic compound emissions shall not exceed 19.8 pounds per day.
  - d. The organic compound emissions shall not exceed 3.3 tons per year.
10. Emission unit P003 (existing)
- a. The particulate emissions shall not exceed 1.1 pounds per hour.
  - b. The particulate emissions shall not exceed 0.14 ton per year.
  - c. The organic compound emissions shall not exceed 0.055 pound per day.
  - d. The organic compound emissions shall not exceed 0.007 ton per year.
11. Emissions unit P009 (existing)
- a. The particulate emissions shall not exceed 1.0 pounds per hour.
  - b. The particulate emissions shall not exceed 3.4 tons per year.
  - c. The organic compound emissions shall not exceed 19.8 pounds per day.
  - d. The organic compound emissions shall not exceed 3.74 tons per year.
12. Emissions unit P010 (existing)
- a. The particulate emissions shall not exceed 0.6 pound per hour.
  - b. The particulate emissions shall not exceed 2.5 tons per year.
  - c. The organic compound emissions shall not exceed 26.4 pounds per day.

23

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

- d. The organic compound emissions shall not exceed 4.6 tons per year.

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

13. Emissions unit P011 (existing)

- a. The particulate emissions shall not exceed 0.30 pound per hour.
- b. The particulate emissions shall not exceed 1.3 tons per year.
- c. The organic compound emissions shall not exceed 26.4 pounds per day.
- d. The organic compound emissions shall not exceed 4.8 tons per year.

14. Emissions unit P013 (existing)

- a. The particulate emissions shall not exceed 0.16 pound per hour.
- b. The particulate emissions shall not exceed 0.90 ton per year.
- c. The organic compound emissions shall not exceed 26.4 pounds per day.
- d. The organic compound emissions shall not exceed 4.8 tons per year.

15. Emissions unit P014 (existing)

- a. The particulate emissions shall not exceed 0.704 pound per day.
- b. The particulate emissions shall not exceed 0.129 ton per year.
- c. The organic compound emissions shall not exceed 40 pounds per day.
- d. The organic compound emissions shall not exceed 7.3 tons per year.

16. Emissions unit P015 (existing)

- a. The particulate emissions shall not exceed 2.9 pounds per day.
- b. The particulate emissions shall not exceed 0.535 ton per year.

25

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

- c. The organic compound emissions shall not exceed 26.4 pounds per day.

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

- d. The organic compound emissions shall not exceed 4.82 tons per year.

17. Emissions unit P016 (existing)

- a. The particulate emissions shall not exceed 4.47 pounds per day.
- b. The particulate emissions shall not exceed 0.816 ton per year.
- c. The organic compound emissions shall not exceed 40 pounds per day.
- d. The organic compound emissions shall not exceed 7.3 tons per year.

**B. Operational Restrictions**

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Southwest District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information for each day for emissions units P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019 and P020:
  - a. the company identification for each material employed;
  - b. the number of pounds of each material employed;
  - c. the number of pounds of each material employed each hour of the day;
  - d. the organic compound (OC) content of each material, in lbs/ton;

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

- e. the total OC emission rate for all materials, in lbs/day; and,
  - f. the total OC emission rate for all materials, in lbs/hr for each hour of the day.
2. The permittee shall maintain daily records of the following information:
    - a. the raw material usage rate for each day; and,
    - b. beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the raw material usage rates.

Also, during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative material usage rate for each calendar month.

3. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouses while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a once per shift basis.
4. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip-chart recorder is employed, for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.

#### **D. Reporting Requirements**

1. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

actions or preventive measures which have been or will be taken, shall be submitted to the Ohio EPA's Southwest District Office. If no deviations occurred during a calendar quarter, the permittee shall submit a report which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by February 15, May 15, August 15, and November 15 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude such deviations resulting from any malfunction reported in accordance with OAC rule 3745-15-06.)

2. The permittee shall also submit annual reports which specify the total OC emissions and PM emissions from emissions units P001, P002, P003, P009, P010, P011, P013, P014, P015, P016, P017, P018, P019 and P020 for the previous calendar year. These reports shall be submitted by January 31 of each year.

#### **E. Testing Requirements**

1. Compliance with the emission limitation(s) in section A.4 (P017) of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emission Limitation  
  
1.5 lbs OC/hr  
  
Applicable Compliance Method  
  
Compliance shall be based on the recordkeeping requirements as specified in term C.1.
  - b. Emission Limitation  
  
6.57 TPY of OC  
  
Applicable Compliance Method  
  
Compliance shall be based on the recordkeeping requirements as specified in term C.1 and shall be the sum of the 365 daily emission rates for the calendar year.
  - c. Emission Limitation

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

0.3 lb PM/hr

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (1.5 tons/hr), and a control efficiency of 99 percent (0.01).

d. Emission Limitation

1.31 TPY of PM

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (13140 tons/yr), and a control efficiency of 99 percent (0.01).

2. Compliance with the emission limitation(s) in section A.5 (P018) of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation

1.25 lbs OC/hr

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in term C.1.

b. Emission Limitation

5.48 TPY of OC

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in term C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

c. Emission Limitation

30

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

0.25 lb PM/hr

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (1.25 tons/hr), and a control efficiency of 99 percent (0.01).

d. Emission Limitation

1.1 TPY of PM

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (10950 tons/yr), and a control efficiency of 99 percent (0.01).

3. Compliance with the emission limitation(s) in section A.6 and A.7 (P019 and P020) of these Additional Special Terms and Conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation

1.75 lbs OC/hr

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1.

- b. Emission Limitation

7.67 TPY of OC

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

- c. Emission Limitation

0.35 lb PM/hr

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (1.75 tons/hr), and a control efficiency of 99 percent (0.01).

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

d. Emission Limitation

1.53 TPY of PM

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (15067.2 tons/yr), and a control efficiency of 99 percent (0.01).

4. Compliance with the emission limitation(s) in section A.8 (P001) of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation

0.10 lb PM/hr

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (tons/hr), and a control efficiency of 99 percent (0.01).

b. Emission Limitation

0.40 TPY of PM

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (tons/yr), and a control efficiency of 99 percent (0.01).

c. Emission Limitation

29.9 lbs VOC/day

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1.

d. Emission Limitation

4.4 TPY VOC

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

5. Compliance with the emission limitation(s) in section A.9 (P002) of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation

0.20 lb PM/hr

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (tons/hr), and a control efficiency of 99 percent (0.01).

b. Emission Limitation

0.60 TPY of PM

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (tons/yr), and a control efficiency of 99 percent (0.01).

c. Emission Limitation

19.8 lbs VOC/day

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1.

d. Emission Limitation

3.3 TPY VOC

Applicable Compliance Method

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

6. Compliance with the emission limitation(s) in section A.10 (P003) of these Additional Special Terms and Conditions shall be determined in accordance with the following method(s):

a. Emission Limitation

1.1 lbs PM/hr

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (tons/hr), and a control efficiency of 99 percent (0.01).

b. Emission Limitation

0.14 TPY of PM

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (tons/yr), and a control efficiency of 99 percent (0.01).

c. Emission Limitation

0.055 lb VOC/day

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1.

d. Emission Limitation

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

0.007 TPY VOC

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

7. Compliance with the emission limitation(s) in section A.11 (P009) of these Additional Special Terms and Conditions shall be determined in accordance with the following method(s):

a. Emission Limitation

1.0 pounds per hour.

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (tons/hr), and a control efficiency of 99 percent (0.01).

b. Emission Limitation

3.4 TPY of PM

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (tons/yr), and a control efficiency of 99 percent (0.01).

c. Emission Limitation

19.8 lbs VOC/day

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

specified in Additional Special Term and Condition C.1.

d. Emission Limitation

3.74 TPY VOC

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

8. Compliance with the emission limitation(s) in section A.12 (P010) of these Additional Special Terms and Conditions shall be determined in accordance with the following method(s):

a. Emission Limitation

0.6 pound per hour.

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (tons/hr), and a control efficiency of 99 percent (0.01).

b. Emission Limitation

2.5 tons per year.

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (tons/yr), and a control efficiency of 99 percent (0.01).

c. Emission Limitation

26.4 lbs VOC/day

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1.

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

d. Emission Limitation

4.6 TPY VOC

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

9. Compliance with the emission limitation(s) in section A.13 (P011) of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation

0.30 pound per hour.

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (tons/hr), and a control efficiency of 99 percent (0.01).

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

b. Emission Limitation

1.3 tons per year.

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (tons/yr), and a control efficiency of 99 percent (0.01).

c. Emission Limitation

26.4 lbs VOC/day

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1.

d. Emission Limitation

4.8 TPY VOC

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

10. Compliance with the emission limitation(s) in section A.14 (P013) of these Additional Special Terms and Conditions shall be determined in accordance with the following method(s):

a. Emission Limitation

0.16 pound per hour.

Applicable Compliance Method

Compliance shall be determined using calculations, based on

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (tons/hr), and a control efficiency of 99 percent (0.01).

b. Emission Limitation

0.9 ton per year.

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (tons/yr), and a control efficiency of 99 percent (0.01).

c. Emission Limitation

26.4 lbs VOC/day

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1.

d. Emission Limitation

4.8 TPY VOC

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

11. Compliance with the emission limitation(s) in section A.15 (P014) of these Additional Special Terms and Conditions shall be determined in accordance with the following method(s):

a. Emission Limitation

0.704 pound per day.

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission Factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (tons/hr), and a control efficiency of 99 percent (0.01).

b. Emission Limitation

0.129 ton per year.

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (tons/yr), and a control efficiency of 99 percent (0.01).

c. Emission Limitation

40 pounds per day.

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1.

d. Emission Limitation

7.3 tons per year.

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

12. Compliance with the emission limitation(s) in section A.16 (P015) of these Additional Special Terms and Conditions shall be determined in accordance with the following method(s):

a. Emission Limitation

2.9 lbs PM/day

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (tons/hr), and a control efficiency of 99 percent (0.01).

b. Emission Limitation

0.535 TPY PM

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (tons/yr), and a control efficiency of 99 percent (0.01).

c. Emission Limitation

26.4 lbs VOC/day

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1.

d. Emission Limitation

4.82 TPY VOC

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

13. Compliance with the emission limitation(s) in section A.17 (P016) of these Additional Special Terms and Conditions shall be determined in accordance with the following method(s):

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

a. Emission Limitation

4.47 lbs PM/day

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum hourly throughput of the emissions unit (tons/hr), and a control efficiency of 99 percent (0.01).

b. Emission Limitation

0.816 TPY PM

Applicable Compliance Method

Compliance shall be determined using calculations, based on AP-42 emission factors (20 lbs PM/ton of material), the maximum annual throughput of the emissions unit (tons/yr), and a control efficiency of 99 percent (0.01).

c. Emission Limitation

40 lbs VOC/day

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1.

d. Emission Limitation

7.3 TPY VOC

Applicable Compliance Method

Compliance shall be based on the recordkeeping requirements as specified in Additional Special Term and Condition C.1 and shall be the sum of the 365 daily emission rates for the calendar year.

44

Facility Name: **Color and Composite Technologies Inc**

Application Number: **05-9679**

Date: **April 28, 1999**

13. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the materials.

**F. Miscellaneous Requirements**

None.