

2 of 12 Pages

Facility Name: **R P Gatta Inc**

Application Number: **16-1853**

Date: **November 4, 1998**

**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.

3 of 12 Pages

Facility Name: **R P Gatta Inc**

Application Number: **16-1853**

Date: **November 4, 1998**

Approval of the plans in any case is not to be construed as 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.

#### **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.

4 of 12 Pages

Facility Name: **R P Gatta Inc**

Application Number: **16-1853**

Date: **November 4, 1998**

**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.

Facility Name: **R P Gatta Inc**

Application Number: **16-1853**

Date: **November 4, 1998**

AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **R P Gatta Inc** located in **Portage** 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.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
K001	Spray Paint Booth #1	Fabric filter, Compliance with Ohio EPA "Air Toxics Policy."	3745-31-05 3745-21-09(U)	52.7 lb/day VOC 9.62 TPY VOC  8 gal/day coating usage. 5% opacity as a six-minute average.  0.551 lb/hr. particulates 2.41 TPY particulates

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant	Tons/Year
VOC	9.62
Particulates	2.41

RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

6 of 12 Pages

Facility Name: **R P Gatta Inc**

Application Number: **16-1853**

Date: **November 4, 1998**

#### **REPORTING REQUIREMENTS**

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Akron Regional Air Quality Management District, 146 South High Street, Room 904, Akron, Ohio 44308.**

#### **WASTE DISPOSAL**

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

#### **MAINTENANCE OF EQUIPMENT**

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

#### **MALFUNCTION/ABATEMENT**

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Akron Regional Air Quality Management District, 146 South High Street, Room 904, Akron, Ohio 44308.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

#### **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.

#### **NINETY DAY OPERATING PERIOD**

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

7 of 12 Pages

Facility Name: **R P Gatta Inc**

Application Number: **16-1853**

Date: **November 4, 1998**

**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**

**A. Operational Restrictions**

1. The maximum daily coating usage for this emissions unit shall not exceed 8.0 gallons.

**B. Monitoring and/or RecordKeeping Requirements**

1. The permittee shall maintain daily records of the coating usage in this emissions unit.
2. The permittee shall collect and record the following information on a monthly basis for the coating operation:
  - a. the company identification for each coating and cleanup material employed;
  - b. the number of gallons of each coating and cleanup material employed;
  - c. the VOC content of each coating and cleanup material, in pounds per gallon;
  - d. the total VOC emission rate for all coatings and cleanup materials, in pounds per month;
  - e. the total number of days the emissions unit was in operation; and
  - f. the average daily VOC emission rate for all coatings and cleanup materials, i.e., (d)/(e), in pounds per day (average).

8 of 12 Pages

Facility Name: **R P Gatta Inc**

Application Number: **16-1853**

Date: **November 4, 1998**

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

### **C. Reporting Requirements**

1. The permittee shall submit annual reports which identify any exceedances of the daily coating usage limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports which include an identification of each month during which the average daily total VOC emissions exceeded 52.7 pounds per day, and the actual average daily VOC emissions for each such month
3. The permittee shall submit required reports in the following manner:
  - a. reports of any required monitoring and/or record keeping information shall be submitted to the Akron Air Pollution Control Agency; and,
  - b. 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 record keeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Akron Air Pollution Control Agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude

9 of 12 Pages

Facility Name: **R P Gatta Inc**

Application Number: **16-1853**

Date: **November 4, 1998**

deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.).

#### **D. Testing Requirements**

1. Compliance with the emission limitation(s) in Permit to Install 16-1853 shall be determined in accordance with the following method(s):

- a. **Emission Limitation:**

52.7 lbs/day VOC

9.62 TPY VOC

**Applicable Compliance Method:**

The permittee shall demonstrate compliance with the above limit based upon the record keeping requirements of section B.1 of these T&Cs.

USEPA Methods 24 and 24A shall be used to determine the VOC contents for (a) coatings and (b) flexographic and rotogravure printing inks and related coatings, respectively. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

- b. **Emission Limitation:**

5% opacity as a 6-minute average

**Applicable Compliance Method:**

OAC rule 3745-17-03(B)(1)

10 of 12 Pages

Facility Name: **R P Gatta Inc**

Application Number: **16-1853**

Date: **November 4, 1998**

**c. Emission Limitation:**

0.551 lb/hr particulates

2.41 TPY particulates

**Applicable Compliance Method:**

If required, the permittee shall demonstrate compliance based upon stack testing per Method 5 of 40 CFR 60 Appendix A.

**E. Miscellaneous Requirements**

1. This permit allows the use of the coatings and cleanup materials specified by the permittee in the application for PTI number 16-1853. In conjunction with the best available technology requirements of OAC rule 3745-31-05, the VOC emission limitation specified in this permit was established in accordance with the Ohio EPA's "Air Toxics Policy" and is based on both the coatings and cleanup materials formulation data and the design parameters of the emissions unit's exhaust system, as specified in the application. Compliance with the Ohio EPA's "Air Toxics Policy" was demonstrated for each pollutant based on the Screen3 model and a comparison of the predicted 1 hour maximum ground-level concentration to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for each pollutant:

**Pollutant: xylene**

**TLV (mg/m3): 434**

**Maximum Hourly Emission Rate (lbs/hr): 26.37**

**Predicted 1 Hour Maximum Ground-Level Concentration at the Fenceline (ug/m3): 517.7**

**MAGLC (ug/m3): 10,333**

**Pollutant: ethyl-acetate**

**TLV (mg/m3): 1440**

**Maximum Hourly Emission Rate (lbs/hr): 26.37**

**Predicted 1 Hour Maximum Ground-Level Concentration at the Fenceline (ug/m3): 517.7**

11 of 12 Pages

Facility Name: R P Gatta Inc

Application Number: 16-1853

Date: November 4, 1998

MAGLC (ug/m3): 34,285

Pollutant: toluene

TLV (mg/m3): 188

Maximum Hourly Emission Rate (lbs/hr): 26.37

Predicted 1 Hour Maximum Ground-Level Concentration at the  
Fenceline (ug/m3): 517.7

MAGLC (ug/m3): 4,476

Pollutant: propylene glycol monomethyl ether acetate

TLV (mg/m3): 369

Maximum Hourly Emission Rate (lbs/hr): 26.37

Predicted 1 Hour Maximum Ground-Level Concentration at the  
Fenceline (ug/m3): 517.7

MAGLC (ug/m3): 8,690

2. As long as the application of the "Air Toxics Policy" continues to show compliance with the applicable MAGLC, the permittee may implement any of the following changes with prior notification to and approval from the Akron Air Pollution Control Agency:
  - a. any changes in the composition of the wash solvent, or the use of new coatings and cleanup materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value specified in the above table;
  - b. any change to the emissions unit or its exhaust parameters (e.g., increased emission rate, reduction of exhaust gas flow rate, and decreased stack height);
  - c. any change in the composition of the coatings and cleanup materials, or use of new coatings and cleanup materials, that would result in the emission of any of the exempted organic compounds included in the definition of "VOC" [OAC rule 3745-21-01(B)(6)]; and

12 of 12 Pages

Facility Name: **R P Gatta Inc**

Application Number: **16-1853**

Date: **November 4, 1998**

- d. any change in the composition of the coatings and cleanup materials, or use of new coatings and cleanup materials, that would result in an increase in emissions of any "Hazardous Air Pollutants" (HAPS) as defined in OAC rule 3745-77-01(V).
3. For any change to the emissions unit or its method of operation that would either require an increase in the emission limitation(s) established by this permit or would otherwise be considered a "modification" as defined in OAC rule 3745-31-01, the permittee shall obtain a permit to install prior to the change.