



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Lazarus Gov.  
Center

RE: **FINAL PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL  
BUTLER COUNTY  
Application No: 14-04395

DATE: 2/8/2001

Champion International Corporation  
Kenneth Hardesty  
601 North B Street  
Hamilton, OH 45013

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager  
Field Operations and Permit Section  
Division of Air Pollution Control

CC: USEPA

HCDES



**Permit To Install  
Terms and Conditions**

**Issue Date: 2/8/2001  
Effective Date: 2/8/2001**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 14-04395

Application Number: **14-04395**  
APS Premise Number: **1409040212**  
Permit Fee: **\$400**  
Name of Facility: **Champion International Corporation Hardesty**  
Person to Contact: **Kenneth Hardesty**  
Address: **601 North B Street  
Hamilton, OH 45013**

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**601 N B St  
Hamilton, OHIO**

Description of modification:  
**Modification to PTI 14-04395 issued 10/08/1997, to modify hourly allowable emissions to 25.84 lbs/hr PM-PM10, Unit P010.**

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

**Champion International Corporation**  
**PTI Application: 14-04395**  
**Modification Issued: 2/8/2001**

Facility ID: **1409040212**

## **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 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**

**Champion International Corporation**  
**PTI Application: 14-04395**  
**Modification Issued: 2/8/2001**

Facility ID: **1409040212**

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.

### **SOURCE OPERATION AND OPERATING PERMIT REQUIREMENTS AFTER COMPLETION OF CONSTRUCTION**

If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the source(s) covered by this permit.

**Champion International Corporation**  
**PTI Application: 14-04395**  
**Modification Issued: 2/8/2001**

Facility ID: **1409040212**



**Champion International Corporation**  
**PTI Application: 14-04395**  
**Modification Issued: 2/8/2001**

Facility ID: **1409040212**

#### **AIR EMISSION SUMMARY**

The air contaminant emissions units listed below comprise the Permit to Install for **Champion International Corporation** located in **BUTLER** 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>
P010 Modifi-c ation	No. 1 mill trim system	Use of fabric filter on airscreen and use of Trim Cyclone System	3745-15-07 3745-17-07 (A) (B) 3745-17-08 (B) 3745-17-11 3745-31-05	25.84 lbs/hr and 10.65 TPY of PM; - PM10

#### **SUMMARY TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons/Year</u>
PM	10.65
PM <sub>10</sub>	10.65

#### **REPORTING REQUIREMENTS**

Unless otherwise specified, reports required by the Permit to Install need only be submitted to Dept. of Environmental Services, Air Quality Programs, 250 Willam Howard Taft Road, Cincinnati, Ohio 45219-2660.

#### **WASTE DISPOSAL**

The owner/operator shall comply with any applicable state and federal requirements governing the storage,

**Champion International Corporation**  
**PTI Application: 14-04395**  
**Modification Issued: 2/8/2001**

Facility ID: **1409040212**

treatment, transport and disposal of any waste material generated by the operation of the sources.

**Champion International Corporation**  
**PTI Application: 14-04395**  
**Modification Issued: 2/8/2001**

Facility ID: 1409040212

### **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 Hamilton County Dept. of Env. Services, 250 William Howard Taft, Cincinnati, Ohio 45219.

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.

### **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. Applicable Emission Limitations and/or Control Requirements**

1. The particulate matter (PM-PM<sub>10</sub>) emissions from this emissions unit shall not exceed 25.84 pounds per hour.
2. The particulate matter (PM-PM<sub>10</sub>) emissions from this emissions unit shall not exceed 10.65 tons per year.
3. The visible particulate emissions from any stack from this emissions unit shall not exceed

twenty percent opacity as a six-minute average, except as provided by rule.

4. The visible fugitive particulate emissions from this emissions unit shall not exceed twenty percent opacity as a three-minute average, except as provided by rule.

**B. Operational Restrictions**

1. The maximum annual production rate of trim for this emissions unit shall not exceed 12,604 tons for the combined cyclone and air screen systems, based upon a rolling 12-month summation of the production rates.

The permittee has actual records of production, so production levels for the first 12 calendar months of operation following the issuance of this permit will not be required with this modification.

2. The fabric filter shall be monitored for fabric breaks and leaks and operated so as to prevent the malfunction of the emissions unit control equipment while the emissions unit is in operation.
3. The maximum hourly amount of trim produced shall not exceed 31,207 pounds per hour.

**C. Monitoring and Recordkeeping Requirements**

1. The permittee shall collect and record the following information each day for emissions unit P010:
  - .a. the total amount of trim produced, in pounds per day;
2. The permittee shall collect and record the following information each month for emissions unit P010:
  - a. the combined rolling 12-month summation of the amount of trim directed to the airscreen and the cyclone systems.
3. The permittee shall properly install, operate and maintain equipment to monitor the fabric

filter for broken or leaking fabric while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record any monitoring instrument responses of seventy percent of the instrument span or greater and any observed fabric breaks and/or leaks in the fabric filter. The permittee shall record the date, time, reason and corrective action(s) taken for each time period of emission unit and control equipment malfunctions and/or monitoring instrument response greater than or equal to 70 percent of the instrument span. The total down time of the monitoring instrument while the emission unit was on line shall also be included in the recordkeeping.

4. The hourly emission limitation outlined in this permit is based upon the emissions unit's Potential to Emit (PTE) and the information provided in the modification to Permit to Install 14-04395. Therefore, no hourly records are required to demonstrate compliance with this limit.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports for emissions unit P010 which include the following information:
  - .a. an identification of all exceedances of the rolling cumulative 12-month trim production limitations for the airscreen system and the cyclone system.
  - b. an identification of the information specified in term C.3. If there were no breaks in the fabric of the filter or malfunctions of the emissions unit during the quarter, the permittee shall submit a statement stating so.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
- .3. The permittee shall submit an annual report summarizing the total PM/PM<sub>10</sub> emissions from P010. This report shall be submitted by April 15 of each year and shall address the previous calendar year.

E. Compliance Methods/Testing Requirements

1. Compliance with the visible particulate emissions limitation shall be determined by the methods outlined in 40 CFR Part 60, Appendix A, Method 9.
2. Compliance with the visible fugitive particulate emissions limitation shall be determined by the methods outlined in 40 CFR Part 60, Appendix A, Method 9.
3. Compliance with the PM/PM<sub>10</sub> limitation of 12,604 tons of trim for the combined cyclone

**Champion International Corporation**  
**PTI Application: 14-04395**  
**Modification Issued: 2/8/2001**

Facility ID: 1409040212

and air screen systems per year shall be determined by the recordkeeping requirements in C.2.

4. Compliance with the PM/PM<sub>10</sub> emissions limitation of 10.65 tons per year shall be determined by multiplying the emissions factors supplied by the facility by the tons of trim produced for the combined cyclone and air screen systems (as recorded in C.2).

Total tons of trim produced per year X 1.69 lbs. PM/ton = tons/year emissions of PM  
where PM includes PM<sub>10</sub>.