

July 2, 2004

Certified Mail #9058 1744

Mr. Vince Vela
Plant Manager
Arrow Uniform
4545 Calumet Avenue
Hammond, Indiana 46327

Re: **NOC 089-19414**
Notice-only change to
R089-16793-00253

Dear Mr. Vela:

Arrow Uniform was issued a Registration on January 31, 2003 and a local operation permit on January 30, 2004 for operation of a Laundering Facility. A letter notifying the Hammond Department of Environmental Management (HDEM) and the Indiana Department of Environmental Management, Office of Air Quality (IDEM, OAQ) of a request for permit change, in regard to changes in 326 IAC 2-6 (Emission Reporting) was received on April 12, 2004. Revisions to 326 IAC (Emission Reporting) became effective March 27, 2004. Pursuant to the provisions of 326 IAC 2-6.1-6 the permit is hereby revised as follows (~~strikeout~~ added to show what was deleted and **bold** added to show what was added):

1. On page 2 of 4 of the Registration, the source will be required to submit an annual emission inventory per Hammond Ordinance No. 7102. The permit language has been modified accordingly.

~~Pursuant to Hammond Air Quality Control Ordinance 3522 (as amended), the source will be required to annually submit a statement of the actual emissions of all federally regulated pollutants from the source, for the purpose of source classification.~~

Hammond Ordinance No. 7102 (Emission Inventory)

The Permittee shall submit an annual emission inventory containing production information for each permitted unit. The emission inventory must be received by April 15th of each year. The submittal should cover the twelve (12) consecutive month time period starting January 1 and ending December 31. This is a local requirement only. The emission inventory must be submitted to:

**Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue - Room 304
Hammond, Indiana 46320**

This inventory does require a signed certification sheet by a company representative.

Information on page 2 of 4 has also been shifted to page 3 of 4.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this letter and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact our Department at (219) 853-6306.

Sincerely,

Debra Malone, Chief Engineer
Hammond Department of Environmental Management

cc: Mindy Hahn, Permits Administration, IDEM, OAQ

January 31, 2003*

CERTIFIED MAIL #9059 2740

Vince Vela
Arrow Uniform Rental
4545 Calumet Avenue
Hammond, Indiana 46327

Re: Registered Operation Status for Laundering
Process, 089-16793-00253

Dear Mr. Vela:

The application from Arrow Uniform Rental received on November 21, 2002, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following Laundering Process to be located at 4545 Calumet Avenue, Hammond Indiana, is classified as registered:

- (a) Ludell Direct-Contact, Water Heater, with a maximum capacity of 6.0 MMBtu/hr heat input, burning natural gas only, with uncontrolled emissions.
- (b) Washing and Drying Process number 1, which includes one 700-lb Washex Washer, three 480-lb Washex Washers, two 200-lb Challenge Flo-90 Dryers, and one 100-lb Cissel Dryer. These dryers have a combined maximum capacity of 5.0 MMBtu/hr heat input, burning natural gas only. Particulate emissions are controlled by an E.C.I. Lint Collector.
- (c) Washing and Drying Process number 2, which includes two 700-lb Washex Washers, one 125-lb Washex Washer, one 125-lb Milnor Washer, one 50-lb Washex Washer, two 400-lb Challenge Flo-90 Dryers, and one 100-lb Cissel Dryer. These dryers have a combined maximum capacity of 5.0 MMBtu/hr heat input, burning natural gas only. Particulate emissions are controlled by an E.C.I. Lint Collector.
- (d) Parker Package Boiler, has a maximum capacity of 4.83 MMBtu/hr heat input, burning natural gas only, and having uncontrolled emissions.

The following conditions shall be applicable:

Pursuant to 326 IAC 5-1-2 (Opacity Limitations) except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following:

- (a) Opacity shall not exceed an average of twenty percent (20%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 15 minutes (60 readings) in a 6-hour period as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute non-overlapping integrated averages for a continuous opacity monitor in a six (6) hour period.

*Revised 7/2/04.

Pursuant to 326 IAC 6-2-4 (particulate Emissions Limitations), the particulate emissions from all of the indirect heating facilities shall be limited by the following equation since all of the facilities were constructed after September 21, 1983:

$$Pt = 1.09/Q^{0.26}$$

where Pt = Pounds of particulate matter emitted per million Btu (lb/mmBtu)
heat input

Q = Total source maximum operating capacity rating in mmBtu/hr heat input

The total heat input is 4.83 mmBtu/hr which gives an allowable of 0.724 lbs/mmBtu, per 6-2-4, Pt for sources <10mmBtu/hr cannot exceed 0.600 lbs/mmBtu, which is equivalent to 2.90 lbs hr. Pursuant to Hammond air Quality Control Ordinance 3522 (as amended), the Company's allowable emissions are limited to the potential emissions after controls for natural gas burning, 0.202 lbs/hr. This limitation requires the Company to only burn natural gas, to meet the allowable rate.

Pursuant to 326 IAC 6-3-2 (Process Operations), the particulate matter (PM) from the laundering process shall be limited by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

The limitation based on this rule is 14.14 tons per year, which is greater than the potentials before controls. Since this limit can be met without the pollution control device in operation, the process will be limited to the potentials after controls per Hammond Air Quality Control Ordinance 3522 (as amended). The lint collectors shall be in operation at all times the washing process is in operation, in order to comply with this limit.

Hammond Ordinance No. 7102 (Emission Inventory)

The Permittee shall submit an annual emission inventory containing production information for each permitted unit. The emission inventory must be received by April 15th of each year. The submittal should cover the twelve (12) consecutive month time period starting January 1 and ending December 31. This is a local requirement only. The emission inventory must be submitted to:

Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue - Room 304
Hammond, Indiana 46320

This inventory does require a signed certification sheet by a company representative.

This registration is a new registration issued to this source. The source may operate according to 326 IAC 2-5.5.

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.5-4(a)(3). The annual notice shall be submitted to:

Compliance Data Section
Office of Air Quality
100 North Senate Avenue
Indianapolis, IN 46206-6015

and

Hammond Department of Environmental
Management
Air Pollution Control Division
5925 Calumet Avenue
Hammond, Indiana 46320

no later than March 1 of each year, with the annual notice being submitted in the format attached.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,

Ronald Novak, Director
Hammond Department of Environmental Management

KM

cc: Permit Administrator – Mindy Hahn

Registration Annual Notification

This form should be used to comply with the notification requirements under 326 IAC 2-5.5-4(a)(3).

Company Name: Arrow Uniform Rental
Address: 4545 Calumet Avenue
City: Hammond
Authorized Individual: Vince Vela
Phone #: (219) 931-2404
Registration #: 089-16793-00253

I hereby certify that Arrow Uniform Rental is still in operation and is in compliance with the requirements of Registration 089-16793-00253.

Name (typed): Vince Vela
Title: Plant Manager
Signature:
Date: