

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



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DEPT. OF ENVIRONMENTAL REG.
WEST PALM BEACH

AO-13-221985

APPLICATION FOR RENEWAL OF
PERMIT TO OPERATE AIR POLLUTION SOURCE(S)

If major alterations have occurred, the applicant should complete the Standard Air Permit Application Form.

Source Type: Paint Spray Booths Renewal of DER Permit No. AO 13-139159

Company Name: Nailite International, Inc. County: Dade County

Identify the specific emission point source(s) addressed in this application (i.e., Lime Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired):

Three (3) paint spray booths to coat polypropylene shingles by continuous conveyor.

Source Location: Street: 1251 N.W. 165 Street City: Miami

UTM: East 578.2 km North 2867.3 km

Latitude: 2 5° 5 5' 2 5"N Longitude: 8 0° 1 3' 0 9"W.

1. Attach a check made payable to the Department of Environmental Regulation in accordance with operation permit fee schedule set forth in Florida Administrative Code Rule 17-4.05.
2. Have there been any alterations to the plant since last permitted? [] Yes [X] No
If minor alterations have occurred, describe on a separate sheet and attach.
3. Attach the last compliance test report required per permit conditions if not submitted previously.
4. Have previous permit conditions been adhered to? [X] Yes [] No If no, explain on a separate sheet and attach.
5. Has there been any malfunction of the pollution control equipment during tenure of current permit? [] Yes [X] No If yes, and not previously reported, give brief details and what action was taken on a separate sheet and attach.
6. Has the pollution control equipment been maintained to preserve the collection efficiency last permitted by the Department? [X] Yes [] No
7. Has the annual operating report for the last calendar year been submitted? [X] Yes [] No If no, please attach.

8. Please provide the following information if applicable:

A. Raw Materials and Chemical Used in Your Process:

Description	Contaminant		Utilization	
	Type	%Wt	Rate	lbs/hr
Paints	VOC	50-70%	37,083 gal/yr ^a	195.6 ^b
Solvents	VOC	100%	36,337 gal/yr ^a	50.7 ^b

B. Product Weight (lbs/hr): 9,370,304 ft² of shingles coated^a

C. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	Avg/hr*	Max/hr**	
None			

D. Normal Equipment Operating Time: hrs/day 14 ; days/wk 6 ; wks/yr 52 ;
hrs/yr (power plants only) ; if seasonal, describe

^aBased on actual 1991 usage and production.

^bBased on estimated maximum hourly paint and solvent usage.

The undersigned owner or authorized representative^{***} of Nailite International, Inc. is fully aware that the statements made in this application for a renewal of a permit to operate an air pollution source are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the Department. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted facility.

- * During actual time of operation.
- ** Units: Natural Gas-MMCF/hr; Fuel Oils-barrels/hr; Coal-lbs/hr.
- *** Attach letter of authorization if not previously submitted

Dallas M. Crick
Signature, Owner or Authorized Representative
(Notarization is mandatory)

Dallas M. Crick, Vice President
Typed Name and Title

1251 NW 165th Street
Address

Miami FL 33169

11/18/92 (305) 620-6200
Date Telephone No.

Appeared before me this 18th day of
November, 1992.

Laure D. Rodriguez
Notary Public

NOTARY PUBLIC, STATE OF FLORIDA.
MY COMMISSION EXPIRES: Sept. 15, 1995.
BONDED THRU NOTARY PUBLIC UNDERWRITERS.

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgement, that the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department.

Signed David A. Buff

David A. Buff

Name (Please Type)

KBN Engineering and Applied Sciences, Inc.

Company Name (Please Type)

1034 N.W. 57th Street, Gainesville, FL 32605

Mailing Address (Please Type)

Florida Registration No. 19011 Date: 11/17/92 Telephone No. (904) 331-9000

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
ANNUAL OPERATIONS REPORT FORM
FOR AIR EMISSIONS SOURCES

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For each permitted emission point, please submit a separate report for calendar year 19 9 1 prior to March 1st of the following year.

I GENERAL INFORMATION

- 1. Source Name: Nailite International, Inc.
- 2. Permit Number: A013-139159
- 3. Source Address: 1251 NW 165th Street
Miami, Florida 33169
- 4. Description of Source: Spray painting of polypropylene shingles by continuous conveyer
in three (3) paint spray booths

II OPERATING SCHEDULE: 14 hrs/day 6 days/wk 52 wks/yr

III RAW MATERIAL INPUT PROCESS WEIGHT:

Raw Material	Input Process Weight	
Polypropylene shingles	9,370,304 square feet	tons/yr
Paints	37,083 gallons	tons/yr
Solvents	36,337 gallons	tons/yr
		tons/yr
		tons/yr

IV TOTAL FUEL USAGE, including standby fuels. If fuel is oil, specify type and sulfur content (e.g., No. 6 oil with 1 % S).

- 10⁶ cubic feet Natural Gas
- 10³ gallons Propane
- tons Coal
- tons Carbonaceous
- 10³ gallons Oil, %S
- 10³ gallons Kerosene
- 10⁶ lb Black Liquid Solids
- tons Refuse

Other (Specify type and units) _____

V EMISSION LEVEL (tons/yr):

- A. Particulates Sulfur Dioxide Total Reduced Sulfur
- Nitrogen Oxide Carbon Monoxide Fluoride
- 226.3 Hydrocarbon Other (Specify type and units) _____
- B. Method of calculating emission rates (e.g., use of fuel and materials balance, emission factors drawn from AP 42, etc.)
 See Attachment

VI CERTIFICATION:

I hereby certify that the information given in this report is correct to the best of my knowledge.

By Dallas M Crick
SIGNATURE OF OWNER OR
AUTHORIZED REPRESENTATIVE

Dallas Crick, Vice President
TYPED NAME AND TITLE

Nov 18, 1992
DATE