

JAN 21 1998
DEP AIR QUALITY
DIV OF PERMITS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY

(Hb)

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OPERATING PERMIT

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the rules and regulations of the Department of Environmental Protection, the Department hereby issues this permit for the operation of the air contamination source(s) described below.


Permit No.:	OP-49-0001	Source &	wood door prefinish line and
Owner:	Mohawk Flush Doors, Inc.	Air	3 wood door finishing spray
		Cleaning	booths
Address:	P.O. Box 112	Device:	
	Northumberland, PA 17857		
Attn:	Mr. Gary L. Willow	Location:	Point Township
	President		Northumberland County

This permit is subject to the following conditions:

1. That the source(s) and any associated air cleaning device(s) are to be:
 - a. operated in such a manner as not to cause air pollution;
 - b. in compliance with the specifications and conditions of the applicable plan approval(s) issued;
 - c. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.

See attached for additional conditions.

Issued: JAN 20 1993


David W. Aldenderfer
Environmental Program Manager

cc: Harrisburg
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4. The aforementioned source(s) may be operated and used only so long as any associated air pollution control devices are operated and maintained in accordance with the specifications set forth in the respective plan approval(s), and the application(s) submitted for said plan approval(s) (as approved by the Department), and in accordance with any conditions set forth herein.
5. This operating permit incorporates a Reasonably Available Control Technology (RACT) determination as required by Title I provisions of the Clean Air Act Amendments and 25 Pa. Code Sections 129.91 through 129.95.
6. This operating permit is issued for the operation of a wood door prefinish line, consisting of 9 roller coaters and 3 flash-off ovens, as well as for the operation of 3 wood door finishing spray booths.
7. The expiration date shown on this operating permit is for state purposes. For Federal enforcement purposes the RACT provisions of this operating permit shall remain in effect as part of the State Implementation Plan (SIP) until replaced pursuant to 40 CFR 51 and approved by the U.S. Environmental Protection Agency (EPA).
8. The usage of coatings which meet the limitations specified in condition 9 herein and conformance with the remainder of the conditions of this operating permit will constitute compliance with the RACT requirements of 25 Pa. Code Sections 129.91 through 129.95 for the prefinish line and the 3 spray booths as well as the best available technology (BAT) requirements of 25 Pa. Code Sections 127.1 and 127.12 for the prefinish line.

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9. The coatings used in the prefinish line shall not exceed the following limitations, as mixed (with tint pastes, dyes, "additives", thinners, reducers, etc.) for application:

	Maximum pounds of volatile organic compounds (VOCs) per gallon of coating (with water)	Maximum pounds of volatile organic compounds (VOCs) per gallon of coating (minus water)
• washcoats (611 series or equivalent)	1.80	4.60
• tiecoats (611 series or equivalent)	.10	.10
• sealers (611 series or equivalent)	.60	1.10
• stains (621 series or equivalent)	.90	2.30
• toners/stains (624 series or equivalent)	.60	1.30
• basecoats (631 series or equivalent)	.15	.25
• floodcoats (640, 641 series or equivalent)	.20	.40
• wipe stains (644 series or equivalent)	3.60	6.68
• primers (650 series or equivalent)	.30	.50
• enamels (660 series or equivalent)	.70	1.30
• waterbase topcoats (680 series or equivalent)	1.60	3.00
• inks (699 series or equivalent)	.70	2.90
• wood protectant (730 series or equivalent)	6.30	6.30
• UV topcoats (971 series or equivalent)	.10	.10

The coatings used in the 3 spray booths shall not exceed the following limitations, as mixed (with tint pastes, dyes, "additives", thinners, reducers, etc.) for application:

	Maximum pounds of volatile organic compounds (VOCs) per gallon of coating (with water)	Maximum pounds of volatile organic compounds (VOCs) per gallon of coating (minus water)
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|----------------|-----|-----|
| • all coatings | 1.5 | 3.0 |
|----------------|-----|-----|

10. No more than 100 gallons of wood protectant (730 series or equivalent) shall be used per year.
11. The total combined VOC emissions from all sources existing at this facility, including those resulting from the use of cleanup solvents, shall not equal or exceed 50 tons in any 12 consecutive month period.

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12. Pursuant to 25 Pa. Code Section 129.95, Mohawk shall maintain the following records for the coatings used in the prefinish line and 3 spray booths:
- a. the identification of each coating and coating additive (tint paste, dye, "additive", thinner, reducer, etc.) used per month.
 - b. the amount of each coating and coating additive (tint paste, dye, "additive", thinner, reducer, etc.) used per month.
 - c. if a coating has any additives (tint pastes, dyes, "additives", thinners, reducers, etc.) added to it prior to application, the identity of the additives added to the coating and the mix ratio of the additives and coating for each different batch of that coating
 - d. the density of each coating and coating additive (tint paste, dye, "additive", thinner, reducer, etc.) used.
 - e. the % VOC (by weight) of each coating and coating additive (tint paste, dye, "additive", thinner, reducer, etc.) used.
 - f. the % VOC (by volume) of each coating and coating additive (tint paste, dye, "additive", thinner, reducer, etc.) used.
 - g. the % water (by volume) of each coating and coating additive (tint paste, dye, "additive", thinner, reducer, etc.) used.
 - h. the % solids (by volume) of each coating and coating additive (tint paste, dye, "additive", thinner, reducer, etc.) used.

Mohawk shall report the information recorded pursuant to this condition to the Department on an annual basis with the data for each calendar year to be submitted by no later than March 1 of the following calendar year.

Mohawk shall additionally report such updated coating material composition data, etc. as the Department may request.

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13. Under no circumstances shall VOC-containing solvent be sprayed through a spray gun into the atmosphere or flushed through a coating line in a manner that promotes evaporative loss into the atmosphere. If spray guns, nozzles, tips, etc. are cleaned with a VOC-containing solvent, they shall be cleaned by soaking them in closed containers. If coating lines are cleaned with VOC-containing solvent, they shall be cleaned by flushing the solvent into a closed container. All containers of VOC-containing cleanup solvents shall be kept closed when not in actual use and all solvent-wet cleaning rags, etc. shall be stored in closed containers when not in actual use. Under no circumstances shall waste VOC-containing cleaning solvent be disposed of via evaporation or solvent-wet rages, etc. be treated or pre-treated prior to disposal or reuse by subjecting them to air drying or any other means of solvent removal which would cause VOC-containing solvent to be evaporated into the air.
14. Mohawk shall use a cleanup solvent accounting system which shall include the maintenance of the following records:
 - a. the type and quantity of cleanup solvent used (other than water).
 - b. the specific reason for the cleanup solvent usage.
 - c. the quantity of spent cleanup solvent sent offsite in liquid form.

Mohawk shall report this information to the Department following the same schedule as is specified in condition 12 herein.
15. The operation of the aforementioned sources shall not at any time result in the emission of air contaminants in excess of the limitations specified in any condition contained herein or in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in Article III of the Rules and Regulations of the Department of Environmental Protection.
16. The company shall immediately notify the Department of any malfunction of the source(s) or associated air cleaning device(s) which results in, or may possibly be resulting in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in Article III of the Rules and Regulations of the Department of Environmental Protection or in excess of the limitations specified in any condition contained herein or which otherwise results in, or may possibly be resulting in, noncompliance with the requirements specified in any condition contained herein.

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Additional annual operating permit administration fees may also be required pursuant to Section 127.703. If required, these fees are to be paid by no later than January 31, 1999, January 31, 2000, January 31, 2001 and January 31, 2002. The administration fee is to be submitted with an Annual Operating Permit Administration Fee Transmittal form.

* necessary forms can be obtained from the Department upon request.

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