

ILLINOIS POLLUTION CONTROL BOARD  
January 18, 2001

IN THE MATTER OF: )  
)  
PETITION OF FORMEL INDUSTRIES, ) AS 00-13  
INC. FOR AN ADJUSTED STANDARD ) (Adjusted Standard - Air)  
FROM 35 ILL. ADM. CODE 218.401(a), )  
(b), and (c) )

SUSAN W. HORN OF JOHNSON & BELL, LTD. APPEARED ON BEHALF OF THE  
PETITIONER; and

BONNIE SAWYER APPEARED ON BEHALF OF THE ILLINOIS ENVIRONMENTAL  
PROTECTION AGENCY.

OPINION AND ORDER OF THE BOARD (by M. McFawn):

ORDER

The Board hereby adopts the following adjusted standard, pursuant to the authority of Section 28.1 of the Environmental Protection Act (415 ILCS 5/28.1 (1998)).

1. This adjusted standard applies to Formel Industries, Inc.'s (Formel), three existing central-impression flexographic printing presses (press) at its Franklin Park, Illinois facility only to the extent that the press is being used for printing on plastic, such as polypropylene, polyester, cellophane and polyethylene (high-slip), and does not apply to any printing operations on other substrates.
2. Formel may apply any coating or ink with volatile organic material (VOM) content less than or equal to eighty-two percent (82%) by weight of the coating and ink (minus water and any compounds that are specifically exempted from the definition of VOM) on a monthly-weighted average basis. Compliance with this limitation must be demonstrated through the applicable coating and ink analysis test methods and procedures specified in 35 Ill. Adm. Code 218.105(a) and the recordkeeping requirements specified in condition (4) below.
3. For purposes of establishing an Emissions Reduction Market System (ERMS) baseline for Formel, its actual emissions from the appropriate baseline seasonal allotment period will be adjusted downward to reflect usage of coatings and inks containing no more than seventy-two percent (72%) VOM by weight of the coatings and inks (minus water and any compounds that are specifically

exempted from the definition of VOM) applied.

4. Formel shall collect and record the following information each day for each printing press subject to this adjusted standard and maintain the information at the Franklin Park facility for a period of five years:
  - A) The name and identification number of each coating and ink as applied;
  - B) The VOM content and the weight of each coating and ink as applied each day;
  - C) ~~The~~ monthly-weighted average VOM content of all coating and inks as applied.

Any record showing violation of this adjusted standard shall be reported by sending a copy of such record to the Illinois Environmental Protection Agency (Agency) within 30 days following the occurrence of this violation.

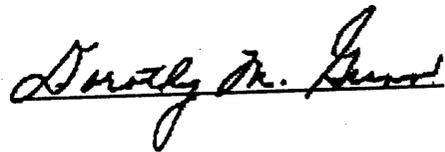
5. Formel must perform (alone or in conjunction with others) three experiments each year, including any experiments requested by the Agency, of alternative inks to determine if these inks are compliant with the Flexographic Printing Rule and technically feasible for Formel's printing operations. In addition, Formel will experiment with substrates as suggested by the Agency. Forty-five days following each experiment conducted pursuant to this provision, Formel must report its findings and supporting documentation to the Agency;
6. Formel shall continue to investigate alternative control technologies, including any technologies suggested by the Agency.
7. Each year, in conjunction with submittal of its annual Clean Air Act Permit Program (CAAPP) compliance certification or its annual emissions report if a CAAPP compliance certification is not required, Formel shall submit a report to the Agency describing the investigations of compliant inks and coatings, different substrates, and add-on control technologies it has undertaken in the previous calendar year and the results of these investigations;
8. Formel must operate any other flexographic printing press at its Franklin Park, facility in full compliance with the requirements of 35 Ill. Adm. Code 218.401.
9. This adjusted standard must be revised or withdrawn if Formel no longer prints the majority of its images on high-slip substrates, or on the outside surface of the high-slip substrate;
10. This adjusted standard must be revised or withdrawn if Formel determines that any add-on control system is economically reasonable and technically feasible or

- if Formel uses any add-on control system that controls VOM emissions;
11. This adjusted standard must be revised if it becomes feasible for Formel to use compliant inks and coatings for the majority of its printing operations;
  12. This adjusted standard must be withdrawn if it becomes feasible for Formel to use compliant inks and coatings for all three presses subject to this adjusted standard; and
  13. If this adjusted standard is revised or withdrawn and Formel is a participating source in the ERMS program, Formel's ERMS baseline will be adjusted downward to the extent that the new or revised requirements for the three presses subject to this adjusted standard would result in lower baseline emissions. If such an adjustment to Formel's ERMS baseline is required by this provision, the seasonal allotment period used in its original baseline determination shall be used to determine its adjusted baseline. Formel must submit a CAAPP application for a revised baseline, as required by this provision, within 60 days of final withdrawal of, or revision to this adjusted standard.

IT IS SO ORDERED.

Section 41 of the Environmental Protection Act (415 ILCS 5/41-(1998)) provides for the appeal of final Board orders to the Illinois Appellate Court within 35 days of the date of service of this order. Illinois Supreme Court Rule 335 establishes such filing requirements. See 172 Ill. 2d R. 335; see also 35 Ill. Adm. Code 101.520, Motions for Reconsideration.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above opinion and order was adopted on the 18th day of January 2001 by a vote of 7-0.



Dorothy M. Gunn, Clerk  
Illinois Pollution Control Board