STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

ST. JOHNS RIVER
SUBDISTRICT

3426 BILLS ROAD
JACKSONVILLE, FLORIDA 32207

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

G. DOUG DUTTON
SUBDISTRICT MANAGER

June 22, 1982

Mr. Arnold G. Rodgers
Acting Plant Manager
Metal Container Corporation
1100 N. Ellis Road
Jacksonville, Florida 32205

Dear Mr. Rodgers:

Duval County - AP
Metal Container Corp.
Can Coating Line #1

Enclosed is Permit Number A016-55208 , dated June 22, 1982 , to operate the subject pollution source, issued pursuant to Section 403.061(14), Florida Statutes.

Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.201, Florida Administrative Code (see reverse side). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

Frank Watkins, Jr., P.E.
Subdistrict Engineer

FW:vk

cc: Mr. Charles M. Nolan, P.E.
Jacksonville BES

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

ST. JOHNS RIVER
SUBDISTRICT

3426 BILLS ROAD
JACKSONVILLE, FLORIDA 32207

APPLICANT: Metal Container Corporation
1100 North Ellis Road
Jacksonville, Florida 32205

PERMIT/CERTIFICATION
NO. AO16-55208

COUNTY: Duval

PROJECT: Can Coating Line
#1

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

Two piece aluminum can (12 oz. or 16 oz.) coating line #1 including white or clear basecoat, inside spray, bottom varnish, overvarnish and necker lubricant applicators. Four (4) drying and curing ovens are located in the line rated at a maximum heat input of 11.9 MBTU/hr.

Located at 1100 North Ellis Road, Jacksonville, Florida 32205
UTM E - 7428.440 N - 3356.377

In accordance with the application received on April 23, 1982 and previous Permit AO16-44656.

Permit No.: AO16-55208
Applicant : Metal Container Corporation

Specific Conditions:

1. Supporting documents are retained in the office file to which they were submitted and not attached as stated in the leading paragraph and General Condition No. 2. They are as follows:

   A. Plot plans & diagrams
   B. Emission calculations
   C. Construction Permit AC16-50417

2. The maximum allowable emission rate for each pollutant is as follows:

Pollutant	Emission Rate	Maximum Allowable Emission	
VOC (Process)	17-2.650	*43.5 lbs/hr	193.8 T/yr
VOC (Non-process)	17-2.620		25 T/yr

*Includes necker lubricant

3. Testing of emissions must be accomplished at 90% - 100% of the permitted rate. If, however, testing is performed at a rate less than 90% of the permitted rate, operation shall be limited to the testing rate until such time that testing is performed at 90% - 100% of the permitted rate.

4. Notify the Jacksonville Bio-Environmental Services Division (BESD) 14 days prior to source testing. Copies of the test report(s) shall be submitted to BESD within 30 days after completion of testing.

5. The following pollutant(s) shall be tested at intervals indicated from the date of September 1, 1981.

   VOC $\left(\frac{\text{lbs of VOC}}{\text{Gallon of coating minus water}}\right)$** - 12 months

**Includes basecoat (white and clear), inside spray and bottom varnish.

6. Submit an annual operation report to BESD for this source on the form supplied for each calendar year on or before March 1.

7. Any revision(s) to a permit (and application) must be submitted and approved prior to implementing.

Permit No.: AO16-55208
Applicant : Metal Container Corporation

Specific Conditions:

8. Basecoat, inside spray, bottom varnish and overvarnish coatings are limited to 2.8, 4.2, 4.2 and 2.1 lbs of VOC/ (gallon of coating minus water) respectively.

9. The VOC content of the basecoat (white and clear), inside spray and bottom varnish shall be determined in triplicate by the methods referenced in Chapter 17-2 Florida Administrative Code.

10. Maximum VOC emissions from the overvarnish unit shall be 5.9 lbs/hr and 25.8 T/yr. These emissions are included in specific condition No. 2 above.

11. Compliance with the emission limitations inposed by Specific Condition No. 10 shall be determined by a material balance of VOC purchased and VOC reclaimed. Metal Container Corporation shall include in the annual operation report gallons of overvarnish coating used, manufacturer's statement of VOC content, gallons of reclaimed overvarnish coating (include disposal method) and hours of operation of overvarnish unit.

12. Operation is limited to 8760 hours per year.

Expiration Date: May 31, 1987 Issued this 22 day of June 1982

City of Jacksonville
Bio-Environmental Services

Donald C. Bayly
Donald C. Bayly, Division Chief

State of Florida
Department of Environmental Regulation

Doug Dutton
Doug Dutton, Subdistrict Manager

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

ST. JOHNS RIVER
SUBDISTRICT

3426 BILLS ROAD
JACKSONVILLE, FLORIDA 32207

June 21, 1982

Mr. Arnold G. Rodgers
Acting Plant Manager
Metal Container Corporation
1100 N. Ellis Road
Jacksonville, Florida 32205

Dear Mr. Rodgers:

Duval County - AP
Metal Container Corporation
Can Coating Line #2

Enclosed is Permit Number A016-55210 , dated June 21, 1982 , to operate the subject pollution source, issued pursuant to Section 403.061(14), Florida Statutes.

Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.201, Florida Administrative Code (see reverse side). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

Frank Watkins Jr

Frank Watkins, Jr., P.E.
Subdistrict Engineer

FW:vk

cc: Mr. Charles M. Nolan, P.E.
Jacksonville BES

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

ST. JOHNS RIVER
SUBDISTRICT

3426 BILLS ROAD
JACKSONVILLE, FLORIDA 32207

APPLICANT: Metal Container Corporation
1100 North Ellis Road
Jacksonville, Florida 32205

PERMIT/CERTIFICATION
NO. AO16-55210

COUNTY: Duval

PROJECT: Can Coating Line
#2

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

Two piece aluminum can (12 oz.) coating line #2 including white or clear basecoat, inside spray, bottom varnish, overvarnish and necker lubricant applicators. Four (4) drying and curing ovens are located in the line rated at a maximum heat input of 11.9 MBTU/hr.

Located at 1100 North Ellis Road, Jacksonville, Florida 32205
UTM E - 7428.440 N - 3356.377

In accordance with the application received on April 23, 1982 and previous Permit AC16-44657.

DER FORM 17-1.122(63) 1/4 (1/80)

mit No.: AO16-55210
pplicant : Metal Container Corporation

Specific Conditions:

1. Supporting documents are retained in the office file to which they were submitted and not attached as stated in the leading paragraph and General Condition No. 2. They are as follows:

   A. Plot plans & diagrams
   B. Emission Calculations
   C. Construction Permit AC16-50418

2. The maximum allowable emission rate for each pollutant is as follows:

Pollutant	Emission Rate	Maximum Allowable Emission	
VOC (Process)	17-2.650	* 35.8 lbs/hr	156.8 T/yr
VOC (Non-process)	17-2.620		25 T/yr

*Includes necker lubricant

3. Testing of emissions must be accomplished at 90% - 100% of the permitted rate. If, however, testing is performed at a rate less than 90% of the permitted rate, operation shall be limited to the testing rate until such time that testing is performed at 90% - 100% of the permitted rate.

4. Notify the Jacksonville Bio-Environmental Services Division (BESD) 14 days prior to source testing. Copies of the test report(s) shall be submitted to BESD within 30 days after completion of testing.

5. The following pollutant(s) shall be tested at intervals indicated from the date of September 1, 1981 .

$$\text{VOC}\left(\frac{\text{lbs. of VOC}}{\text{Gallon of coating minus water}}\right)^{*} - 12 \text{ months}$$

*Includes basecoat (white & clear), inside spray and bottom varnish.

6. Submit an annual operation report to BESD for this source on the form supplied for each calendar year on or before March 1.

7. Any revision(s) to a permit (and application) must be submitted and approved prior to implementing.

Permit No.: AO16-55210
Applicant : Metal Container Corporation

Specific Conditions:

8. Basecoat, inside spray, bottom varnish and overvarnish coatings are limited to 2.8, 4.2, 4.2 and 2.1 lbs. of VOC/(gallon of coating minus water) respectively.

9. The VOC content of the basecoat (white and clear), inside spray and bottom varnish shall be determined in triplicate by the methods referenced in Chapter 17-2 Florida Administrative Code.

10. Maximum VOC emissions from the overvarnish unit shall be 5.9 lbs/hr and 25.8 T/yr. These emissions are included in Specific Condition No. ~~2 above.~~ 4.4 19.3

11. Compliance with the emission limitations imposed by Specific Condition No. 10 shall be determined by a material balance of VOC purchased and VOC reclaimed. Metal Container Corporation shall include in the annual operation report gallons of overvarnish coating used, manufacturer's statement of VOC content, gallons of reclaimed overvarnish coating (include disposal method) and hours of operation of overvarnish unit.

12. Operation is limited to 8760 hours per year.

Expiration Date: May 31, 1987 Issued this 21st day of June 19 82

City of Jacksonville
Bio-Environmental Services

Donald C. Bayly, Division Chief

State of Florida
Department of Environmental Regulation

Doug Dutton, Subdistrict Manager

PS Form 3811, Jan. 1979

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

SENDER: Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
- ☑ Show to whom and date delivered.....¢
- ☐ Show to whom, date and address of delivery.....¢
- ☐ RESTRICTED DELIVERY
  Show to whom and date delivered.....¢
- ☐ RESTRICTED DELIVERY.
  Show to whom, date, and address of delivery.$____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Robert J. Tasky
Metal Containing Corporation
1100 N. Ellis Road
Jacksonville, Florida 32205

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	7682482	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐Addressee ☐Authorized agent
Joyce Barclay

4. DATE OF DELIVERY 2/24/82 POSTMARK JACKSONVILLE, FL MURRAY HILL STA. FEB 24 1982

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

☆GPO : 1979-300-459

P167682482

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Mr. Robert J. Tasky
STREET AND NO.
1100 N. Ellis Road
P.O., STATE AND ZIP CODE
Jacksonville, FL 32205

POSTAGE		$
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢
OPTIONAL SERVICES	SPECIAL DELIVERY	¢
OPTIONAL SERVICES	RESTRICTED DELIVERY	¢
OPTIONAL SERVICES / RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	¢
OPTIONAL SERVICES / RETURN RECEIPT SERVICE	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
OPTIONAL SERVICES / RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
OPTIONAL SERVICES / RETURN RECEIPT SERVICE	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		$

POSTMARK OR DATE
2/23/82

PS Form 3800, Apr. 1976

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301

BOB GRAHAM
GOVERNOR

Victoria J. Tschinkel
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

February 19, 1982

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Robert J. Lasky
Metal Container Corporation
1100 N. Ellis Road
Jacksonville, Florida 32205

Dear Mr. Lasky:

Enclosed is Permit Numbers AC 16-50417 AC 16-50418, dated February 19, 1982 to Metal Container Corporation issued pursuant to Section 403, Florida Statutes.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement actions for violation of the conditions and requirements thereof.

Sincerely,

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality Management

CHF:pa

cc: Charles M. Nolan, Pat Nolan & Associates
Johnny Cole, FDER, St. Johns River Subdistrict
Steve Pace, Jacksonville Bio-Environmental Services

DER Form 17-1.122(65)

Final Determination

Metal Container Corporation

Duval County

Permit Numbers: AC 16-50417
AC 16-50418

Florida Department of Environmental Regulation

Bureau of Air Quality Management

Central Air Permitting

February 16, 1982

The air construction permits of Metal Container Corporation for the addition of overvarnish equipment on two of their existing aluminum can coating lines have been reviewed by the Bureau of Air Quality Management. The Department's intent to issue the air construction permits was published in the Florida Times-Union on January 15, 1982. The preliminary determination was available for public inspection at the Duval County Bio-Environmental Services office, the St. Johns River Subdistrict office and the Bureau of Air Quality Management.

Only one comment was received during the public notice period. The Duval County Bio-Environmental Services inquired concerning the VOC content testing requirements which are contained in 17-2.650(1)(b)3., FAC. A response was transmitted stating that the applicability section of the document referenced in the cited section exempts this type coating from the referenced testing and reporting requirements. Therefore, the testing conditions contained in the specific conditions would be sufficient.

Therefore the Bureau recommends that the air construction permits for Metal Container Corporation be issued as drafted in the preliminary determination.

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 16-50417

METAL CONTAINER CORPORATION
OVERVARNISH UNIT NO. 1

DATE OF ISSUANCE

February 19, 1982

DATE OF EXPIRATION

JUNE 30, 1982

VICTORIA TSCHINKEL
SECRETARY

DER FORM PERM 11-42

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

APPLICANT: Metal Container Corporation
1100 Ellis Road
Jacksonville, Florida 32205

PERMIT/CERTIFICATION
NO. AC 16-50417

COUNTY: Duval

PROJECT: Installation of overvarnish Unit No. 1 on coating line No. 1

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

Installation of an overvarnish unit on existing coating line No. 1.

Attachment:

Application to Construct Air Pollution Sources, DER FORM 17-1.122(16)

PERMIT NO.: AC 16-50417
APPLICANT: Metal Container Corporation

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions:, and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalities therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

[ ] Determination of Best Available Control Technology (BACT)
[ ] Determination of Prevention of Significant Deterioration (PSD)
[ ] Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

PERMIT NO.: AC 16-50417
APPLICANT: Metal Container Corporation

1. The maximum allowable Volatile Organic Compound (VOC) emissions from the overvarnish unit No. 1 shall be 5.9 pounds per hour and 25.8 tons per year.

2. The volatile organic compound content of the coating used shall not exceed 2.1 pound of VOC per gallon of coating less water.

3. The hours of operation shall not exceed 24 hours per day, 7 days per week, 52 weeks per year or 8760 hours per year.

4. Compliance with the emission limitations shall be determined by a material balance of VOC purchased and those reclaimed. The difference shall be presumed to be emitted to the atmosphere. An annual compliance report shall be submitted to the Jacksonville Bio-Environmental Services (JBES). This report shall contain solvent usage, manufacturer's statement of VOC content, gallons of coating used, and hours of operation.

5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to the St. Johns River Subdistrict Office or its designee. Full operation of the source may then be conducted in compliance with the terms of this permit until expiration of this permit or receipt of an operating permit.

Expiration Date: June 30, 1982

Issued this 19 day of February, 1982.

_____ Pages Attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

Victor J. Schnell

Signature

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 16-50418

METAL CONTAINER CORPORATION
OVERVARNISH UNIT NO. 2

DATE OF ISSUANCE

February 19, 1982

DATE OF EXPIRATION

JUNE 30, 1982

VICTORIA TSCHINKEL
SECRETARY

DER FORM PERM 11-42

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

APPLICANT:

Metal Containers Corporation
1100 Ellis Road
Jacksonville, Florida 32205

PERMIT/CERTIFICATION
NO. AC 16-50418

COUNTY: Duval

PROJECT: Installation of Overvarnish Unit No. 2 on coating line No. 2

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

Installation of an overvarnish unit on existing coating line No. 2.

Attachment:

Application to Construct Air Pollution Sources, DER Form 17-1.122(16)

PERMIT NO.: AC 16-50418
APPLICANT: Metal Container Corporation

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions:, and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalities therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of insoection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

[ ] Determination of Best Available Control Technology (BACT)
[ ] Determination of Prevention of Significant Deterioration (PSD).
[ ] Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

PERMIT NO.: AC 16-50418
APPLICANT: Metal Container Corporation

1. The maximum allowable Volatile Organic Compound (VOC) emissions from the overvarnish unit No. 2 shall be 4.4 pounds per hour and 19.3 tons per year.

2. The volatile organic compound content of the coating used shall not exceed 2.1 pound of VOC per gallon of coating less water.

3. The hours of operation shall not exceed 24 hours per day, 7 days per week, 52 weeks per year or 8760 hours per year.

4. Compliance with the emission limitations shall be determined by a material balance of VOC purchased and those reclaimed. The difference shall be presumed to be emitted to the atmosphere. An annual compliance report shall be submitted to the Jacksonville Bio-Environmental Services (JBES). This report shall contain solvent usage, manufacturer's statement of VOC content, gallons of coating used, and hours of operation.

5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to the St. Johns River Subdistrict Office or its designee. Full operation of the source may then be conducted in compliance with the terms of this permit until expiration of this permit or receipt of an operating permit.

Expiration Date: June 30, 1982

Issued this 19 day of February, 1982.

_____ Pages Attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

Victor Kaderli
Signature

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

For Routing To District Offices And/Or To Other Than The Addressee		
To: _____ Loctn.: _____		
To: _____ Loctn.: _____		
To: _____ Loctn.: _____		
From: _____ Date: _____		
Reply Optional [ ]	Reply Required [ ]	Info. Only [ ]
Date Due: _____	Date Due: _____	

TO: Wayne Tutt, Jax - BES

FROM: John Svec, BAQM

DATE: February 2, 1982

SUBJ: Metal Container Corporation Comment

Your comments on the Metal Container Corporation draft permit conditions have been evaluated by the Bureau. The applicability section of Appendix A of EPA document No. 450/2-77-008 was examined to determine if this operation met any exemptions.

The applicability section states "it is not applicable to any coating system which requies a special curing process such as exposure to temperatures in excess of 100°C to promote thermal cross-linking". In this case, the coated aluminum is sent to a curing oven and in the stack parameters the exit temperature of the exhaust is 280°F (138°C). Therefore, these applications are exempt from requirements of Section 17-2.650(1)(g)3., FAC.

If there are any questions, please contact me at (904) 488-1344.

JS:caa

cc: Steve Pace, Jacksonville
Bio-Env. Services

DEPARTMENT OF HEALTH, WELFARE
& BIO-ENVIRONMENTAL SERVICES
Bio-Environmental Services Division
Air and Water Pollution Control

January 25, 1982

Mr. Bill Thomas
Bureau of Air Quality Management
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32301

Re: Metal Container Corporation

Dear Mr. Thomas:

Bio-Environmental Services Division has reviewed the FDER Preliminary Determination and proposed permit for the Metal Container Corporation overvarnish units on coating lines no. 1 and no. 2. With reference to proviso no. 4, compliance testing, section 17-2.650(1)(g)3 Florida Administrative Code, requires that the VOC content of coating materials be determined in triplicate by methods in Appendix A of EPA document no. 450/2-77-008. FDER should be consistent in applying this test requirement.

If the manufacturers statement of VOC content is sufficient, then the triplicate testing requirement should be deleted. Otherwise, it should be required of all coating material users, including the source under consideration here.

Your consideration of these remarks will be appreciated.

Very truly yours,

Wayne E. Tutt

Wayne E. Tutt
Associate Engineer

WET/vj

cc: Mr. Doug Dutton - DER

JAN
BUREAU
A Q M

ALL-AMERICA CITY
AREA CODE 904 / AIR POLLUTION – 633-3033 OR 633-3303 / WATER POLLUTION – 633-3415
515 WEST 6TH STREET / JACKSONVILLE, FLORIDA 32206

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301

BOB GRAHAM
GOVERNOR

JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

FL. TIMES UNION
ONE RIVERSIDE AV
JACKSONVILLE, FL 32202

1/12/82

Dear Sir:

We are forwarding to you a legal ~~classified~~ advertisement to be published:

ASAP -ONE TIME ONLY

Subject: CONSTRUCTION PERMIT

To ensure prompt payment, please send an invoice and proof of publication for legal ads to the address below:

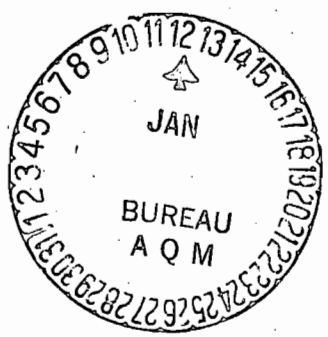
Department of Environmental Regulation
PURCHASING OFFICE
2600 Blair Stone Road
Tallahassee, FL 32301

If you have any questions, please contact us at 904/488/0870.

Sincerely,

William H. Wallace
Purchasing Office

Enclosure: (1)



~~NOTICE OF PROPOSED AGENCY ACTION~~
CONSTRUCTION PERMITS

The Florida Department of Environmental Regulation (DER) has received applications from and intends to issue Construction permits to Metal Container Corporation for the construction of an overvarnish aluminum can coating device on existing coating lines No. 1 and No. 2 at the existing plant site, 1100 N. Ellis Road, Jacksonville, Duval County, ~~Florida.~~ A determination of Best Available Control Technology was not required. Copies of the applications, technical evaluation, and ~~departmental~~ DER intent are available for inspection at the following offices:

Jacksonville Bio-Environmental Services
515 W. 6th Street
Jacksonville, ~~Florida 33712~~

DER, Bureau of Air Quality Management
2600 Blair Stone Road
~~Twin Towers Office Building~~
Tallahassee, Florida 32301

~~Florida Department of Env. Regulation~~
DER, St. Johns River Subdistrict
3426 Bills Road
Jacksonville, ~~Florida 33702~~

Comments on this action shall be submitted in writing to Mr. Bill Thomas of the Tallahassee office, within 30 days of this notice.

Twin Towers

To appear in:

Florida Times Union

on: ASAP

As soon as possible

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

MEMORANDUM

TO: J. W. Mathey, Metal Container Corporation
Charles M. Nolan, Pat Nolan & Associates
Johnny Cole, FDER, St. Johns River Subdistrict
Steve Pace, Jacksonville Bio-Environmental Services

FROM: C. H. Fancy, Bureau of Air Quality Management

DATE: January 12, 1982

SUBJ: Preliminary Determination - Metal Container Corporation application to construct overvarnish units on coating lines No. 1 and No. 2 (AC 16-50417, 50418).

Attached is one copy of the application, Technical Evaluation and Preliminary Determination and proposed permit to construct/modify the referenced coating line units at the applicant's facility in Jacksonville, Duval County, Florida.

Please submit any comments which you wish to have considered concerning this action, in writing, to Bill Thomas of the Bureau of Air Quality Management.

CHF:caa

Technical Evaluation

and

Preliminary Determination

Metal Container Corporation

Permit Number AC 16-50417

AC 16-50418

Florida Department of Environmental Regulation

Bureau of Air Quality Management

Central Air Permitting

December 28, 1981

PROPOSED DEPARTMENT ACTION

The Department intends to issue the requested permits to Metal Containers Corporation for the construction of an overvarnish aluminum can coating device on existing coating lines No. 1 and No. 2 at the existing plant site in Duval County. The issuance of these permits is subject to public comment as a result of this public notice.

Any person wanting to comment on this section may do so by submitting such comments in writing to:

Mr. Clair Fancy
Department of Environmental Regulation
Bureau of Air Quality Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Any comments received within thirty days after publication of this notice will be considered and noted in the Department's final determination.

Any person whose substantial interest would be affected by the issuance or denial of this permit may request an administrative hearing by filing a petition for hearing as set forth in Section 28-5.15 FAC (copy attached). Such petition must be filed within 14 days of the date of this notice with:

Ms. Martha Hall
Department of Environmental Regulation
Office of General Counsel
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

I. PROJECT DESCRIPTION

A. Applicant

Metal Containers Corporation
1100 N. Ellis Road
Jacksonville, Florida

B. Project and Location

The applicant's proposed projects consist of adding a new overvarnish unit to existing can coating lines No. 1 and No. 2. The facility is located in Jacksonville, Duval County, Florida. The UTM coordinates are 428.440 km East and 3356.377 km North.

C. Process Description and Controls

The can coating lines at the Metal Container Corporation plant are used in the manufacturing of aluminum beer cans for Anheuser-Busch. An additional overvarnish unit is being added to coating lines No. 1 and No. 2 to increase the can thickness to help alleviate abrasion problems encountered during shipping the product. The overvarnish unit will rollcoat the water-based varnish which will contain 2.1 pounds of Volatile Organic Compounds (VOC) per gallon of coating applied. After the aluminum is coated, it will be passed through a natural gas fired dryer.

II. RULE APPLICABILITY

The proposed project is located in the ozone nonattainment area in Duval County and in the area of influence for the Duval County particulate nonattainment area.

The proposed project will increase VOC emissions by the amount listed below. Since drying time will not increase, no other criteria pollutant emissions would increase.

	VOC Emissions	
Source	lb/hr	Tons/year
Unit No. 1	5.9	25.8
Unit No. 2	4.4	19.3
Total	10.3	45.1

The project meets the requirements for the limited new source review exemption contained in 17-2.510(3)(a)1.a.(ii), FAC. The project is to be permitted in accordance with the standards of 17-2.510(4), FAC, applicable with the standards of 17-2.510(4), FAC, applicable NSPS and NESHAPS. The proposed coating is below the emission limits contained in 17-2.650(1)(f)1, FAC, can coating, and also below the limits purposed in the federal NSPS for beverage can surface coating.

III. SUMMARY OF EMISSIONS AND AIR QUALITY ANALYSIS

A. Emission Limitations

The pollutants emitted by the overvarnish units are VOC. The applicant proposed to use a coating which contains 2.1 pounds of VOC per gallon of coating less water. The maximum emissions from the overvarnish units are:

	VOC Emissions	
Source	lb/hr	TPY
Overvarnish Unit No. 1	5.9	25.8
Overvarnish Unit No. 2	4.4	19.3

B. Air Quality Impacts

Since the project is subject to the limited new source review requirements of 17-2.510(3)(a)1.a.(ii), FAC, emission offsets are not required. This project will have an insignificant impact on the ambient air quality in Jacksonville.

IV. CONCLUSIONS

The emission limitations previously stated are based upon the applicant's estimated production rate and proposed coating. The solvent usage, coating type, coating usage in gallons and hours permitted to operate shall be stated as conditions of the permit.

The General and Specific Conditions listed in the proposed permit will assure compliance with all applicable requirements of Chapter 17-2, FAC.

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

APPLICANT: Metal Container Corporation
1100 Ellis Road
Jacksonville, Florida 32205

PERMIT/CERTIFICATION NO. AC 16-50417

COUNTY: Duval

PROJECT: Installation of overvarnish Unit No. 1 on coating line No. 1

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

Installation of an overvarnish unit on existing coating line No. 1.

Attachment:

Application to Construct Air Pollution Sources, DER FORM 17-1.122(16)

PERMIT NO.: AC 16-50417
APPLICANT: Metal Container Corporation

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions:, and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalities therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

[ ] Determination of Best Available Control Technology (BACT)
[ ] Determination of Prevention of Significant Deterioration (PSD)
[ ] Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

PERMIT NO.: AC 16-50417
APPLICANT: Metal Container Corporation

1. The maximum allowable Volatile Organic Compound (VOC) emissions from the overvarnish unit No. 1 shall be 5.9 pounds per hour and 25.8 tons per year.

2. The volatile organic compound content of the coating used shall not exceed 2.1 pound of VOC per gallon of coating less water.

3. The hours of operation shall not exceed 24 hours per day, 7 days per week, 52 weeks per year or 8760 hours per year.

4. Compliance with the emission limitations shall be determined by a material balance of VOC purchased and those reclaimed. The difference shall be presumed to be emitted to the atmosphere. An annual compliance report shall be submitted to the Jacksonville Bio-Environmental Services (JBES). This report shall contain solvent usage, manufacturer's statement of VOC content, gallons of coating used, and hours of operation.

5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to the St. Johns River Subdistrict Office or its designee. Full operation of the source may then be conducted in compliance with the terms of this permit until expiration of this permit or receipt of an operating permit.

Expiration Date: June 30, 1982

Issued this _____ day of _____, 19____.

_____ Pages Attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

_____
Signature

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

APPLICANT:

Metal Containers Corporation
1100 Ellis Road
Jacksonville, Florida 32205

PERMIT/CERTIFICATION
NO. AC 16-50418

COUNTY: Duval

PROJECT: Installation of Overvarnish Unit No. 2 on coating line No. 2

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

Installation of an overvarnish unit on existing coating line No. 2.

Attachment:

Application to Construct Air Pollution Sources, DER Form 17-1.122(16)

PERMIT NO.: AC 16-50418
APPLICANT: Metal Container Corporation

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions:, and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalities therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

[ ] Determination of Best Available Control Technology (BACT)
[ ] Determination of Prevention of Significant Deterioration (PSD)
[ ] Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

PERMIT NO.: AC 16-50418
APPLICANT: Metal Container Corporation

1. The maximum allowable Volatile Organic Compound (VOC) emissions from the overvarnish unit No. 2 shall be 4.4 pounds per hour and 19.3 tons per year.

2. The volatile organic compound content of the coating used shall not exceed 2.1 pound of VOC per gallon of coating less water.

3. The hours of operation shall not exceed 24 hours per day, 7 days per week, 52 weeks per year or 8760 hours per year.

4. Compliance with the emission limitations shall be determined by a material balance of VOC purchased and those reclaimed. The difference shall be presumed to be emitted to the atmosphere. An annual compliance report shall be submitted to the Jacksonville Bio-Environmental Services (JBES). This report shall contain solvent usage, manufacturer's statement of VOC content, gallons of coating used, and hours of operation.

5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to the St. Johns River Subdistrict Office or its designee. Full operation of the source may then be conducted in compliance with the terms of this permit until expiration of this permit or receipt of an operating permit.

Expiration Date: June 30, 1982

_____ Pages Attached.

Issued this _____ day of _____, 19_____.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

_____
Signature

ANHEUSER-BUSCH COMPANIES

November 18, 1981

Tim, John Sue

Mr. Clair Fancy
Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Dear Clair:

Pursuant to our meeting in Tallahassee and subsequent telephone conversations, the following shall serve as a summary of the agreed course of action for the Metal Container Corporation plant in Jacksonville. Included with this cover letter are two applications to construct for the addition of overvarnish units for can coating lines No. 1 and 2. The total annual emissions from this modification are projected to be less than 50 tons VOC per year. Hopefully, the technical review of this application will be fairly straightforward, allowing the expeditious receipt of permission through your office to operate these lines.

The modification that is contained in the permit applications submitted today would allow the use of overvarnish on the outside surface of white base coated cans. It is proposed that the other two lines, normally running clear base coated cans, be modified, enabling this same base coat to be applied either before or after the application of inks. This flexibility would obviously not result in any additional VOC emissions, since the same brand and quantity of material would be used in either situation. The flexibility to apply clear base coat after the application of ink will provide a more abrasion resistant can. At no time will this clear base coat be applied both before and after the inks. It is understood that this request will be sufficient notification to allow the immediate operation of this concept.

Although the timely permission to run two overvarnish lines appears to solve the immediate problem, it is possible that this may not be the long-term solution. Metal Container Corporation will continue to examine the use of internal emission offsets in the hope of establishing the possible future addition of overvarnish to the remaining two can coating lines. Some of these alternatives were briefly

Anheuser-Busch Companies, Inc.
721 Pestalozzi Street
St. Louis, MO 63118

discussed with you and Bill Thomas by phone in the hope of using this internal "bubble" to offset these new emissions.

Please find enclosed two signed applications for the construction of overvarnish units No. 1 and 2. Also enclosed is a check for $40 to cover your processing fees.

If any additional information is needed, please feel free to call me in St. Louis or Bob Lasky at the Jacksonville plant.

Thanks for your help in solving this difficult problem.

Sincerely,

J. V. Stier
Environmental Engineer

JVS:cmh
enc.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

No. 33590

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from METAL CONTAINER CORPORATION Date 7 DEC '81

Address 1100 W. Ellis Rd. Jacksonville Fl 32205 Dollars $ 40.00

Applicant Name & Address (name) J.W. Mathews, Plant Manager

Source of Revenue

Revenue Code 0101 Application Number AC16-50417 AC16-50418

By Tim Powell

AC 16-50417

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Aluminum Can Coating [X] New[1] [ ] Existing[1]

APPLICATION TYPE: [X] Construction [ ] Operation [ ] Modification

COMPANY NAME: Metal Container Corporation COUNTY: Duval

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peeking Unit No. 2, Gas Fired) Overvarnish Unit No. 1

SOURCE LOCATION: Street 1100 N. Ellis Road City Jacksonville

UTM: East 428.440 KM North 3356.377 KM

Latitude 30 ° 20 ' 15 "N Longitude 81 ° 44 ' 42 "W

APPLICANT NAME AND TITLE: Robert J. Lasky, Project Engineer

APPLICANT ADDRESS: 1100 N. Ellis Road, Jacksonville, Florida 32205

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Metal Container Corporation

I certify that the statements made in this application for a Overvarnish Unit No. 1 permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

*Attach letter of authorization

Signed: J. W. Mathey

J. W. Mathey, Plant Manager
Name and Title (Please Type)

Date: 11/16/81 Telephone No. 904-786-8806

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

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 judgment, 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. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

(Affix Seal) STATE OF FLORIDA CHARLES M. NOLAN REG. NO. 19889 REGISTERED SURVEYOR

Signed: Charles M. Nolan

Charles M. Nolan
Name (Please Type)

Pat Nolan & Associates
Company Name (Please Type)

8282 Western Way Circle, Suite 111
Jacksonville, Florida 32216
Mailing Address (Please Type)

Florida Registration No. 19889 Date: Telephone No. 731-4288

[1]See Section 17-2.02(15) and (22), Florida Administrative Code, (F.A.C.)

SECTION II: GENERAL PROJECT INFORMATION

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

The application is for the addition of a roll coat unit to the existing dry offset lithography unit. The overvarnish applied will be a water-based material in full compliance of the Florida regulations and the proposed federal New Source Performance Standards.

B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction As soon as possible Completion of Construction One month

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

N/A (water-based coating)

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

SC16-2082	Issued 1/15/74	Expired 4/28/75
A016-2596	Issued 9/10/76	Expired 3/31/81
A016-44656	Issued 10/29/81	Expires 9/30/86

E. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code? ____ Yes X No

F. Normal equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ; if power plant, hrs/yr ____ ;

if seasonal, describe: ____

G. If this is a new source or major modification, answer the following questions. (Yes or No) *See below

1. Is this source in a non-attainment area for a particular pollutant? ____
   a. If yes, has "offset" been applied? ____
   b. If yes, has "Lowest Achievable Emission Rate" been applied? ____
   c. If yes, list non-attainment pollutants. ____
2. Does best available control technology (BACT) apply to this source? If yes, see Section VI. ____
3. Does the State "Prevention of Significant Deterioriation" (PSD) requirements apply to this source? If yes, see Sections VI and VII. ____
4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? ____
5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? ____

Attach all supportive information related to any answer of "Yes". Attach any justification for any answer of "No" that might be considered questionable.

*The addition of an overvarnish unit to this can coating line is considered to be a minor modification to an existing source.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
Overvarnish	VOC		50 Max	
Aluminum Cans	---	---	2016 Max	

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): 2066 Max

2. Product Weight (lbs/hr): 2034 Max

C. Airborne Contaminants Emitted:

Name of Contaminant	Emission[1]		Allowed Emission[2] Rate per Ch. 17-2, F.A.C.	Allowable[3] Emission lbs/hr	Potential Emission[4]		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	
VOC	5.9	25.8	17-2.16 (6) (a)	5.9	5.9	25.8	

D. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles[5] Size Collected (in microns)	Basis for Efficiency (Sec. V, It[5]
N/A (water-based material)				

[1] See Section V, Item 2.

[2] Reference applicable emission standards and units (e.g., Section 17-2.05(6) Table II, E. (1), F.A.C. – 0.1 pounds per million BTU heat input)

[3] Calculated from operating rate and applicable standard

[4] Emission, if source operated without control (See Section V, Item 3)

[5] If Applicable

E. Fuels N/A

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
No additional fuel consumption			

*Units Natural Gas, MMCF/hr; Fuel Oils, barrels/hr; Coal, lbs/hr

Fuel Analysis:

Percent Sulfur: _____ Percent Ash: _____

Density: _____ lbs/gal Typical Percent Nitrogen: _____

Heat Capacity: _____ BTU/lb _____ BTU/gal

Other Fuel Contaminants (which may cause air pollution): _____

F. If applicable, indicate the percent of fuel used for space heating. Annual Average _____ Maximum _____

G. Indicate liquid or solid wastes generated and method of disposal.

No additional liquid or solid wastes are expected from the modification.

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack): (Existing exhaust point from oven)

Stack Height: 70 ft. Stack Diameter: 3.0 ft.

Gas Flow Rate: est. 10,000 ACFM Gas Exit Temperature: 280 °F.

Water Vapor Content: 2.4 % Velocity: est 24 FPS

SECTION IV: INCINERATOR INFORMATION N/A

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq & Gas By-prod.)	Type VI (Solid By-prod.)
Lbs/hr Incinerated							

Description of Waste _____

Total Weight Incinerated (lbs/hr) _____ Design Capacity (lbs/hr) _____

Approximate Number of Hours of Operation per day _____ days/week _____

Manufacturer _____

Date Constructed _____ Model No. _____

	Volume $(ft)^3$	Heat Release (BTU/hr)	Fuel		Temperature (^oF)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diameter _____ Stack Temp. _____

Gas Flow Rate: _____ ACFM _____ DSCFM* Velocity _____ FPS

*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device: [ ] Cyclone [ ] Wet Scrubber [ ] Afterburner [ ] Other (specify) _____

Brief description of operating characteristics of control devices: _____

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight – show derivation.
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.,) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, etc.).
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3, and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8½" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8½" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8½" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

9. An application fee of $20, unless exempted by Section 17-4.05(3), F.A.C. The check should be made payable to the Department of Environmental Regulation.

10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?
[ ] Yes [ ] No

Contaminant	Rate or Concentration

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy) [ ] Yes [ ] No

Contaminant	Rate or Concentration

C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration

D. Describe the existing control and treatment technology (if any).

1. Control Device/System:
2. Operating Principles:
3. Efficiency:*
4. Capital Costs:
5. Useful Life:
6. Operating Costs:
7. Energy:
8. Maintenance Cost:
9. Emissions:

Contaminant	Rate or Concentration

*Explain method of determining D 3 above.

AC 16-50418

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Aluminum Can Coating [X] New[1] [ ] Existing[1]

APPLICATION TYPE: [X] Construction [ ] Operation [ ] Modification

COMPANY NAME: Metal Container Corporation COUNTY: Duval

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

SOURCE LOCATION: Street 1100 N. Ellis Road City Jacksonville

UTM: East 428.440 KM North 3356.377 KM

Latitude 30 ° 20 ' 15 "N Longitude 81 ° 44 ' 42 "W

APPLICANT NAME AND TITLE: Robert J. Lasky, Project Engineer

APPLICANT ADDRESS: 1100 N. Ellis Road, Jacksonville, Florida 32205

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Metal Container Corporation

I certify that the statements made in this application for a Overvarnish Unit No. 2 permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

*Attach letter of authorization

Signed: J. W. Mathey

J. W. Mathey, Plant Manager
Name and Title (Please Type)

Date: 11/16/81 Telephone No. 904-786-8806

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

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 judgment, 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. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

(Affix Seal)

STATE OF FLORIDA REGISTRATION NO. 19889 REGISTERED SURVEYOR

Signed: Charles M. Nolan

Charles M. Nolan
Name (Please Type)

Pat Nolan & Associates
Company Name (Please Type)

8282 Western Way Circle, Suite 111
Jacksonville, Florida 32216
Mailing Address (Please Type)

Florida Registration No. 19889 Date: Telephone No. 731-4288

[1]See Section 17-2.02(15) and (22), Florida Administrative Code, (F.A.C.)

SECTION II: GENERAL PROJECT INFORMATION

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

The application is for the addition of a roll coat unit to the existing dry offset lithography unit. The overvarnish applied will be a water-based material in full compliance of the Florida regulations and the proposed federal New Source Performance Standards.

B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction As soon as possible Completion of Construction One month

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

N/A (water-based coating)

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

SC16-2083	Issued 1/15/74	Expired 4/28/75
A016-2597	Issued 9/10/76	Expired 3/31/81
A016-44657	Issued 10/29/81	Expires 9/30/86

E. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code? ____ Yes X No

F. Normal equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ; if power plant, hrs/yr ____ ;

if seasonal, describe: ____

G. If this is a new source or major modification, answer the following questions. (Yes or No) *See below

1. Is this source in a non-attainment area for a particular pollutant? ____

   a. If yes, has "offset" been applied? ____

   b. If yes, has "Lowest Achievable Emission Rate" been applied? ____

   c. If yes, list non-attainment pollutants.

2. Does best available control technology (BACT) apply to this source? If yes, see Section VI. ____

3. Does the State "Prevention of Significant Deterioriation" (PSD) requirements apply to this source? If yes, see Sections VI and VII. ____

4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? ____

5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? ____

Attach all supportive information related to any answer of "Yes". Attach any justification for any answer of "No" that might be considered questionable.

*The addition of an overvarnish unit to this can coating line is considered to be a minor modification to an existing source.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
Overvarnish	VOC		37 Max	
Aluminum Cans	---	---	1450 Max	

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): 1487 Max

2. Product Weight (lbs/hr): 1463 Max

C. Airborne Contaminants Emitted:

Name of Contaminant	Emission[1]		Allowed Emission[2] Rate per Ch. 17-2, F.A.C.	Allowable[3] Emission lbs/hr	Potential Emission[4]		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	
VOC	4.4	19.3	17-2.16 (6) (a)	4.4	4.4	19.3	

D. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles[5] Size Collected (in microns)	Basis for Efficiency (Sec. V, It[5])
N/A (water-based material)				

[1]See Section V, Item 2.

[2]Reference applicable emission standards and units (e.g., Section 17-2.05(6) Table II, E. (1), F.A.C. – 0.1 pounds per million BTU heat input)

[3]Calculated from operating rate and applicable standard

[4]Emission, if source operated without control (See Section V, Item 3)

[5]If Applicable

E. Fuels N/A

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
No additional fuel consumption			

*Units Natural Gas, MMCF/hr; Fuel Oils, barrels/hr; Coal, lbs/hr

Fuel Analysis:

Percent Sulfur: _____ Percent Ash: _____

Density: _____ lbs/gal Typical Percent Nitrogen: _____

Heat Capacity: _____ BTU/lb _____ BTU/gal

Other Fuel Contaminants (which may cause air pollution): _____

F. If applicable, indicate the percent of fuel used for space heating. Annual Average _____ Maximum _____

G. Indicate liquid or solid wastes generated and method of disposal.

No additional liquid or solid wastes are expected from the modification.

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack): (Existing exhaust point)

Stack Height: 70 ft. Stack Diameter: 3.0 ft.

Gas Flow Rate: est. 10,000 ACFM Gas Exit Temperature: 280 °F.

Water Vapor Content: 2.4 % Velocity: est 24 FPS

SECTION IV: INCINERATOR INFORMATION N/A

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq & Gas By-prod.)	Type VI (Solid By-prod.)
Lbs/hr Incinerated							

Description of Waste _____

Total Weight Incinerated (lbs/hr) _____ Design Capacity (lbs/hr) _____

Approximate Number of Hours of Operation per day _____ days/week _____

Manufacturer _____

Date Constructed _____ Model No. _____

	Volume $(ft)^3$	Heat Release (BTU/hr)	Fuel		Temperature (^oF)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diameter _____ Stack Temp. _____

Gas Flow Rate: _____ ACFM _____ DSCFM* Velocity _____ FPS

*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device: [ ] Cyclone [ ] Wet Scrubber [ ] Afterburner [ ] Other (specify) _____

Brief description of operating characteristics of control devices: _____

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight – show derivation.
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.,) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, etc.).
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3, and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8½" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8½" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8½" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

9. An application fee of $20, unless exempted by Section 17-4.05(3), F.A.C. The check should be made payable to the Department of Environmental Regulation.

10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?
[ ] Yes [ ] No

Contaminant	Rate or Concentration

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy) [ ] Yes [ ] No

Contaminant	Rate or Concentration

C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration

D. Describe the existing control and treatment technology (if any).

1. Control Device/System:
2. Operating Principles:
3. Efficiency:*
4. Capital Costs:
5. Useful Life:
6. Operating Costs:
7. Energy:
8. Maintenance Cost:
9. Emissions:

Contaminant	Rate or Concentration

*Explain method of determining D 3 above.

METAL CONTAINER CORPORATION - NOVEMBER, 1981

VOC EMISSION CALCULATIONS

NOTE: All emissions (allowable, maximum, actual and potential) are equivalent in this situation.

Overvarnish Line No. 1 (16 oz. Can Line)

Hourly Emission

$$\frac{800 \text{ cans}}{\text{min}} \times \frac{.1193 \text{ gals coating}}{1000 \text{ cans}} \times \frac{60 \text{ min}}{\text{Hour}} = 5.73 \text{ gals coating/hr}$$

$$\frac{5.73 \text{ gal}}{\text{Hr}} - \left\{ 5.73 \text{ gal/hr} \times .51 \ H_2O \right\} \times \frac{2.1 \text{ lb VOC}}{\text{gal coating less } H_2O} = 5.9 \text{ lbs VOC/hr}$$

Annual Emissions

$$\frac{5.9 \text{ lbs VOC}}{\text{hr}} \times \frac{8760 \text{ hr}}{\text{yr}} \times \frac{\text{Ton}}{2000 \text{ lbs}} = \underline{25.8 \text{ tons VOC per year}}$$

Overvarnish Line No. 2 (12 oz. can line)

Hourly Emissions

$$\frac{800 \text{ cans}}{\text{min}} \times \frac{.0895 \text{ gals coating}}{1000 \text{ cans}} \times \frac{60 \text{ min}}{\text{hr}} = 4.30 \text{ gals coating/hr}$$

$$\frac{4.30 \text{ gals}}{\text{hr}} - \left\{ 4.30 \text{ gal/hr} \times .51 \ H_2O \right\} \times \frac{2.1 \text{ lb VOC}}{\text{gal coating less } H_2O} = 4.4 \text{ lb VOC/hr}$$

Annual Emissions

$$\frac{4.4 \text{ lbs VOC}}{\text{hr}} \times \frac{8760 \text{ hr}}{\text{yr}} \times \frac{\text{Ton}}{2000 \text{ lb}} = \underline{19.3 \text{ tons VOC per year}}$$

Total Annual Emissions (Both Overvarnish Lines)

25.8 + 19.3 = 45.1 Tons VOC Per Year

SECTION III. B. 1.

TOTAL PROCESS INPUT DERIVATION

Overvarnish Line No. 1

Aluminum

$$\frac{42 \text{ lbs Al}}{1000 \text{ 16 oz cans}} \times \frac{800 \text{ cans}}{\text{Min}} \times \frac{60 \text{ Min}}{\text{Hr}} = 2016 \frac{\text{lbs Al}}{\text{Hr}}$$

Overvarnish

$$\frac{0.1193 \text{ gals coating}}{1000 \text{ 16 oz cans}} \times \frac{800 \text{ cans}}{\text{Min}} \times \frac{60 \text{ Min}}{\text{Hr}} \times \frac{8.65 \text{ lbs}}{\text{Gal}} = 50 \frac{\text{lbs coating}}{\text{Hr}}$$

Total

$$2016 \frac{\text{lbs Al}}{\text{Hr}} + 50 \frac{\text{lbs coating}}{\text{Hr}} = \underline{2066 \text{ lbs/Hr}}$$

Overvarnish Line No. 2

Aluminum

$$\frac{30.2 \text{ lbs Al}}{1000 \text{ 12 oz cans}} \times \frac{800 \text{ cans}}{\text{Min}} \times \frac{60 \text{ Min}}{\text{Hr}} = 1450 \frac{\text{lbs Al}}{\text{Hr}}$$

Overvarnish

$$\frac{0.0895 \text{ gals coating}}{1000 \text{ 12 oz cans}} \times \frac{800 \text{ cans}}{\text{Min}} \times \frac{60 \text{ Min}}{\text{Hr}} \times \frac{8.65 \text{ lbs}}{\text{Gal}} = 37 \frac{\text{lbs coating}}{\text{Hr}}$$

Total

$$1450 \frac{\text{lbs Al}}{\text{Hr}} + 37 \frac{\text{lbs coating}}{\text{Hr}} = \underline{1487 \text{ lbs/Hr}}$$

SECTION III. B. 2.

PRODUCT WEIGHT DERIVATION

Overvarnish Line No. 1

Overvarnished Product

$$\left[\frac{42 \text{ lbs Al}}{1000 \text{ 16 oz cans}} + \frac{.383 \text{ lbs dried coating}}{1000 \text{ 16 oz cans}}\right] \times \frac{800 \text{ cans}}{\text{Min}} \times \frac{60 \text{ Min}}{\text{Hr}} = \underline{2034 \text{ lbs/Hr}}$$

Overvarnish Line No. 2

Overvarnished Product

$$\left[\frac{30.2 \text{ lbs Al}}{1000 \text{ 12 oz cans}} + \frac{.287 \text{ lbs dried coating}}{1000 \text{ 12 oz cans}}\right] \times \frac{800 \text{ cans}}{\text{Min}} \times \frac{60 \text{ Min}}{\text{Hr}} = \underline{1463 \text{ lbs/Hr}}$$

METAL CONTAINER CORPORATION
NSPS APPLICABILITY
OCTOBER, 1981

The modification proposed in these applications is affected by the November 26, 1980 proposed rulemaking for the Beverage Can Surface Coating Industry. Since a final rule has not been published at this time, the proposed numerical emission limit of 0.46 kg VOC/litre of solids for overvarnish operations will be addressed.

The overvarnish material proposed in this application is compared to the numerical limitation by the following calculations:

$$\frac{2.1 \text{ lbs VOC}}{\text{gal coating less } H_2O} \times \frac{.49 \text{ gal coating less } H_2O}{\text{gal coating}} \times \frac{\text{gal coating}}{.32 \text{ gal solids}} \times \frac{\text{kg VOC}}{2.2 \text{ lbs VOC}} \times$$

$$\frac{.264 \text{ gal coating}}{\text{litre coating}} = .38 \text{ kg VOC/litre solids}$$

As shown, the proposed material (PPG CC3180D) will comply with the proposed NSPS.

INDUSTRIES

PPG INDUSTRIES, INC./760 PITTSBURGH DR./P. O. DRAWER A/DELAWARE, OHIO 43015/AREA 614/363-9610

Coatings and Resins Division

October 6, 1981

Mr. T. Vogel
Metal Container Corporation
666 Mason Ridge Center Drive
Creve Cour, MO 63141

Dear Tom,

Attached are the VOC calculations for CE3180D and CC3345, varnish, plus CE3293-2, white, as we discussed on the phone.

If you need any other information, please call.

Yours truly,

W. V. Warnick
Technical Manager
Container Coatings

nm

cc: J. D. Buescher

CC3180D and CC3345 CLEAR VARNISHES

KNOWN = Weight/Gallon = 8.65#
Weight percent Solids = 37%
Volatile percent by Weight = 81% water and 19% organic
VOC = 2.1 pounds/gallon coating less water

Basis of Calculation: 0.0895 gallons of overvarnish/1000 cans

1. $\frac{0.0895 \text{ gallons of varnish}}{1000 \text{ cans}} \times \frac{8.65 \text{ pounds}}{\text{gallon}} = 0.77 \text{ pounds of varnish/1000 cans}$

2. Solids = 37 percent by weight, so the volatile = 100 − 37 = 63% by weight

   Water is 81% of volatile -
   so 0.81 X 63% = 51% of the total varnish weight is water and for 1000 cans

   $0.51 \text{ percent water} \times \frac{0.77 \text{ pounds varnish}}{1000 \text{ cans}} = 0.39 \text{ pounds water/1000 cans}$

   $\frac{0.39 \text{ pounds water}}{1000 \text{ cans}} \div \frac{8.53 \text{ pounds}}{\text{gallon water}} = 0.046 \text{ gallons water/1000 cans}$

3. 0.0895 gallons varnish/1000 cans
   0.046 gallons water/1000 cans
   0.044 gallons of coating less water/1000 cans

4. $\frac{0.044 \text{ gallons coating less water}}{1000 \text{ cans}} \times \frac{2.1 \text{ pounds VOC}}{\text{gallon coating less water}} =$

   0.091 pounds VOC/1000 cans

PPG Container Coatings
Product Data Sheet

PPG INDUSTRIES

PPG INDUSTRIES INC., COATINGS AND RESINS DIVISION, 760 PITTSBURGH DR., DELAWARE, OHIO 43015 (614) 363-9610

Date: April 7, 1980 PPG Code: CC3180D

Submitted to: Metal Container Product: Water Reducible Size Coating

Location: St. Louis, MO Submitted by: J. P. Knudtson

Attention of: Mr. N. J. Fitzgerald Location: Delaware, OH

Sample request:

Suggested Use: ____ Interior ____ Process X Pasteurization

X Exterior X Non-Process ____ Non-Pasteurization

PRODUCT DESCRIPTION *(AS SHIPPED)*

Viscosity: 45 ± 5 Sec.# 4 Ford Cup @ 77°F. Weight/Gallon: 8.65 ± 0.20 lbs.

Total Solids 37.0 ± 2.00% by weight Method 4 min at 375°F (32 ± 2.00% by volume)

Cured Film Color clear Gloss high Contains Internal Lubricant yes

Storage Life 3 months at 77°F. Freeze Protection Required yes

3 months at 100°F. Resin Type acrylic/melamine

Flash Point 120 °F (Pensky-Martins) pH 8.6 ± .4

SUGGESTED APPLICATION DATA

Method rollcoat Substrate 2 piece aluminum cans

Thinner water and/or butyl cellosolve Clean Up Solvent: water and/or butyl cellosolve

Application Visc. 45 ± 5 Sec.# 4 Ford Cup @ 77°F. Film Weight 3.5-4.5 mgs./ sq in

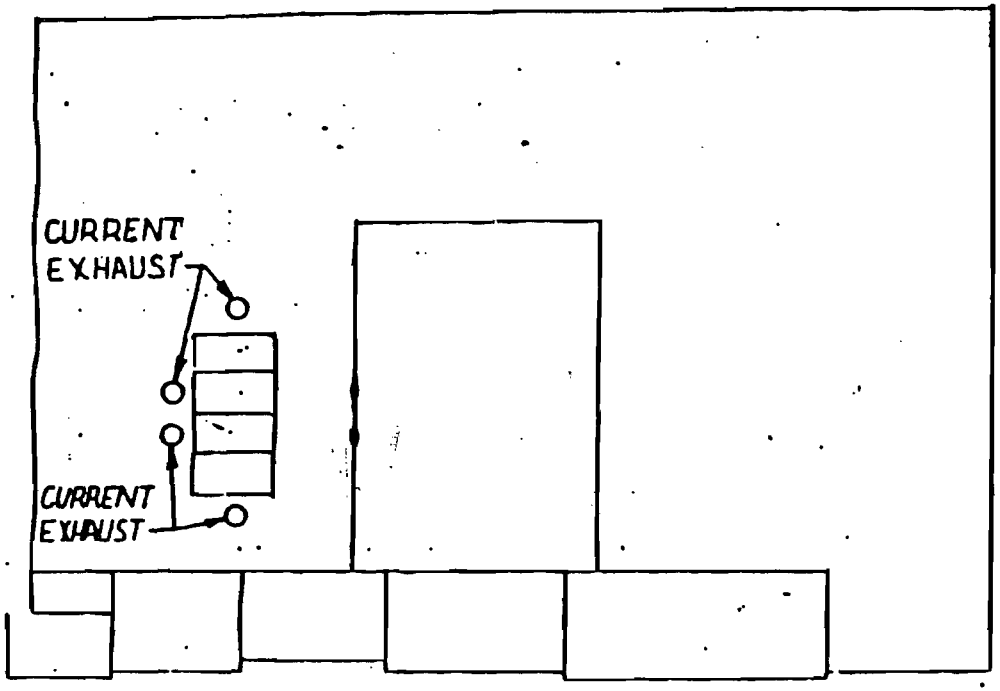
Agitation Required Before Use: yes 15 min on drum roller or equivalent

Recommended Bake: 90 sec at 400 °F metal temperature plus I/S bake

Alternate Bake: ____ at ____ °F metal temperature

Additional Information:

VOC = 2.1 #/gal
250 gms/liter



N

1100 N. ELLIS ROAD

USED ON

OPERATION	PLACES IN DIMENSION			
	.0	.00	.000	
MACHINING	± .1	± .01	± .005	✓
	± .1	.04		✓
	±	±	±	✓
WELDING	± .1	± .00	DR.	
ANGULAR DIM	±		CHK.	

TOLERANCE AND SURFACE ROUGHNESS UNLESS NOTED

APACHE CONTAINER CORPORATION

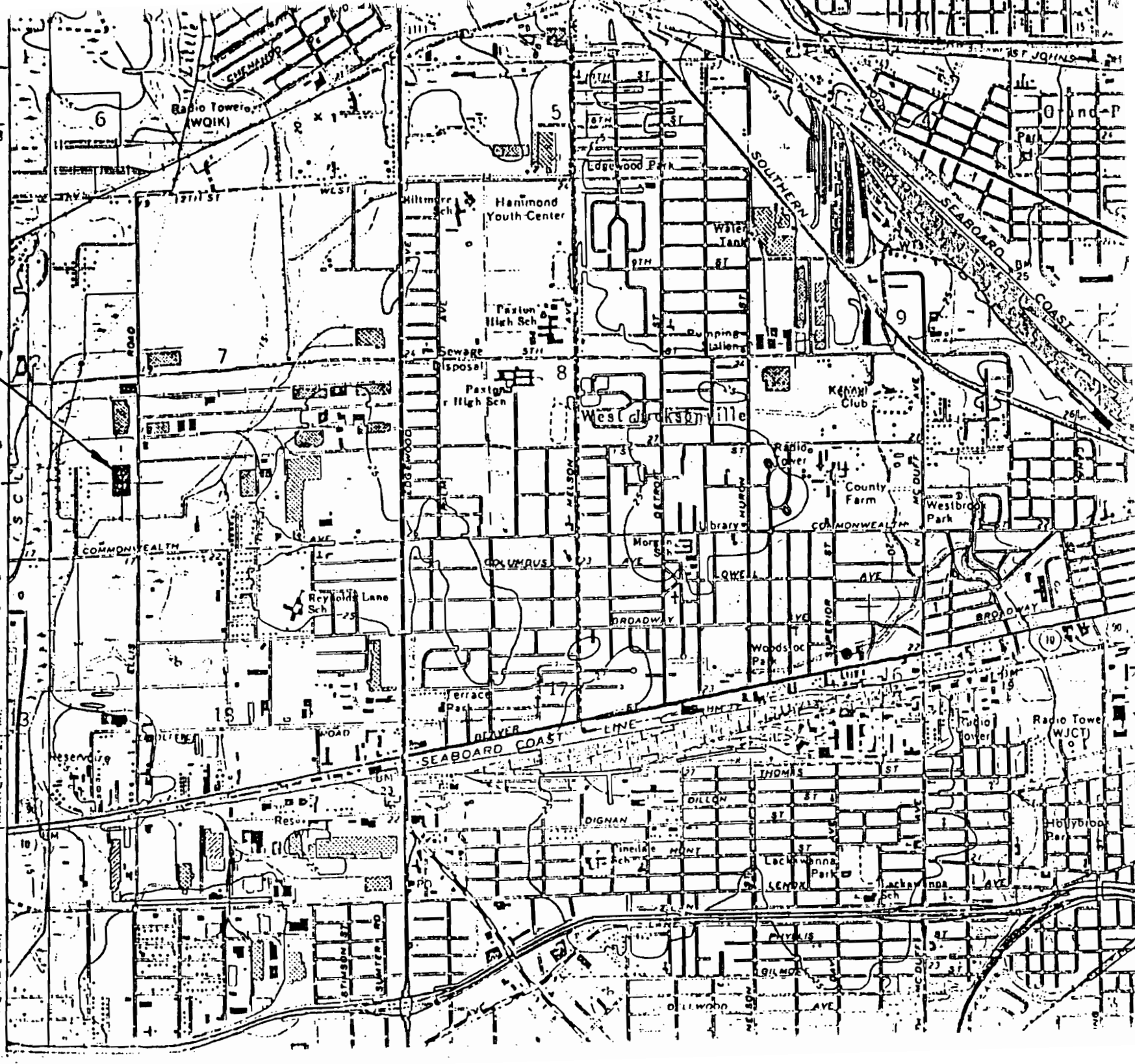
12 SEPT 73

ISSUE | RESULT DATE AND CHANGE RECORD | REV

REFERENCE

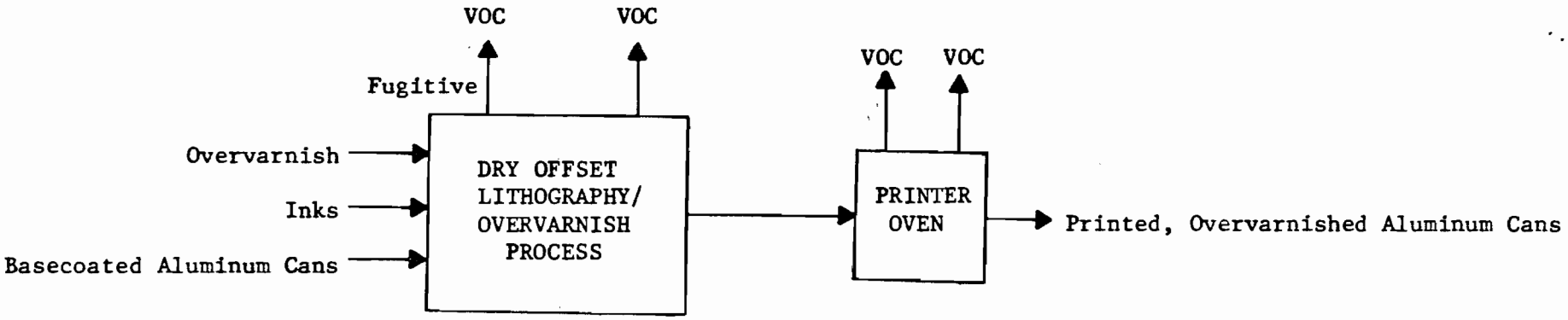
TITLE

METAL CONTAINER CORPORAT
JACKSONVILLE CAN PLANT
PLOT PLAN & ROOF LAYOUT



METAL CONTAINER CORPORATION - NOVEMBER, 1981

FLOW DIAGRAM OF PROPOSED MODIFICATION
Each of 2 Lines



NOTE: It is assumed that 75% of the VOC from the overvarnish operation is emitted at the coater and the remaining 25% at the oven. (EPA-450/3-80-036a, Beverage Can Surface Coating Industry - Background Information for Proposed Standards, page 3-14)

To: Carl Bock
BAQM/CAPS

MEMORANDUM

June 18, 1981

To: R. Steve Pace, P. E., Air Pollution Engineer, BES

From: E. P. Balducci, Assistant Air Engineer, BES

Re: Metal Container Corporation (MCC)

JUN 1981

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On Friday, June 5, 1981, members of the staff, Steve Pace, Wayne Tutt and Ed Balducci, met with Mr. Bob Lasky, Plant Engineer for Metal Container and Mr. John Steir, Environmental Engineer from Anheuser Busch, St. Louis. Mr. Steir explained to the staff that the actual VOC emissions from this plant will increase due to switching from solvent to water based coatings with the four thermal oxidizers (TO) turned off. The potential emissions will decrease, however. One of the benefits of using the water based coatings is the savings MCC will receive in energy consumption. Mr. Lasky reported that their natural gas use decreased by 50% when they turned the TOs off. MCC previously had been reporting 25-35 T/yr of VOC emissions from the thermal oxidizers (TO) only. Fugitive emissions lost from the can line not effectively loaded to the TOs and emissions from the can necker account for another 125 T/yr of VOC. Another 100 T/yr of emissions results from solvents used for cleaning, bringing the total plant emissions to 250 T/yr VOC. With the use of water based coatings with the TOs off, the emissions will be closer to 350 T/yr.

The irony of this situation is that while MCC is trying to reduce VOC emissions, by meeting the VOC RACT requirements, they will actually be increasing their emissions by 120 T/yr.

BAQM's attornies confirmed that MCC would be in compliance with 17-2, FAC under these circumstances.

E. P. Balducci

E. P. Balducci
Assistant Air Engineer

EPB/sg

Thermal oxidizer 25-35
Fugitive (necker) 125
solvent & cleanin 250