

1.1.2 List of Emission Units and Air Pollution Control Equipment

Emission Unit	Description
Line #20	New can end line with sheet lubricator and liner.
Line #21	New can end line with liner.
Line #22	New can end line with sheet lubricator and liner.
Lines #1-4 and 18	Modification to existing can end lines by installation of new sheet lubricators.

1.1.3 Applicable Provisions and Regulations

- a. For the purpose of this permit:
 - i. An "affected line" is each new can end line as described in Conditions 1.1.1 and 1.1.2.
 - ii. An "affected liner" is each end compound liner on an affected line as described in Conditions 1.1.1 and 1.1.2.
 - iii. An "affected other process" is each sheet lubricator or mister.
- b. The affected liners are subject to 35 IAC Part 215, Subpart F, Coating Operations, which provides that no person shall cause or allow the emission of VOM to exceed the following limitations on coating materials, excluding water and any compounds which are specifically exempted from the definition of VOM, delivered to the coating applicator:

	<u>kg/l</u>	<u>lb/gal</u>
End Sealing Compound Coat	0.44	3.7

[35 IAC 215.204(b)(6)]

- c. Each affected other process is subject to 35 IAC 215.301, which generally provides that no person shall cause or allow the discharge of more than 3.6 kg/hour (8 lb/hour) of organic material into the atmosphere from any emission unit, except as provided in 35 IAC 215.302, 215.303, 215.304 and the following exception: If no odor nuisance exists this limitation applies only to photochemically reactive material.
- d. The emission units that make up the affected lines are subject to 35 IAC 212.321(a), which provides that no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new

process emission unit, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in 35 IAC 212.321(c). [35 IAC 212.321(a)]

1.1.4 Non-Applicability Provisions

- a. This permit is issued based on the source not being a major source for purposes of the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21. This is because the emissions from the source, including this project, will be less than major source thresholds, i.e., less than 250 tons VOM per year (See Condition 1.1.5).

Note: The Permittee has requested that the material usage limitations be replaced with VOM usage limitations and that the VOM usage and emission limitations for the sheet lubricators, cleanup, and misters be grouped together. New source wide emission limits are included in this permit at Condition 1.1.5.

- b. This permit is issued based on the affected liners not being subject to the New Source Performance Standards (NSPS) for the Beverage Can Surface Coating Industry, 40 CFR Part 60, Subpart WW, because the affected lines are not beverage can coating lines.
- c. The affected liners are not subject to the limitations of 35 IAC Part 215, Subpart K (35 IAC 215.301 or 215.302), because they are subject to 35 IAC 215.204. [35 IAC 215.209]

1.1.5 Operation and Emission Limitations

- a. Emissions and operation of this source (all emission units at the Hoopston Plant) shall not exceed the following limits:

Material	VOM Usage		VOM Emissions	
	Tons/Mo	Tons/Yr	Tons/Mo	Tons/Yr
End Compound	26.10	225.0	26.10	225.0
Other (Lube, Mister, Cleanup)	3.19	24.0	3.19	24.0
Total	29.29	249.0	29.29	249.0

- b. The emissions of hazardous air pollutants (HAP) as listed in Section 112(b) of the Clean Air Act from the source shall not exceed the following limits:

Individual HAP Emissions	
(Tons/Month)	(Ton/Year)
1.0	9.9

Combination of HAP Emissions	
(Tons/Month)	(Ton/Year)
2.5	24.9

- c. Compliance with annual limits shall be determined from a running total of 12 months of data.

1.1.1.6 Testing Requirements

The VOM content of coatings and other VOM containing material shall be determined by Method 24, 40 CFR Part 60, Appendix A. [35 IAC 215.208(a)]

1.1.1.7 Recordkeeping Requirements

- a. The Permittee shall maintain records that verify that only coatings that comply with Condition 1.1.3(b) are applied on the affected liners.
- b. The Permittee shall maintain records of the following items for the source to demonstrate compliance with Condition 1.1.5.
 - i. Records for coating operations:
 - A. Usage of each coating, solvent or other VOM containing material, either individually or by class of material (gallons/month and gallons/year);
 - B. VOM and HAP content of each coating, solvent or VOM containing material, either individually or by class of material (lbs/gallon), with supporting documentation;
 - C. VOM and HAP emissions from coating operations (tons/month and tons/year), with supporting calculations.
 - ii. Records for Tank TK-1;
 - A. Identification of the material stored in the tank and the properties of this material (VOM and HAP content, molecular weights and vapor pressure) with supporting documentation;
 - B. Throughput (gallons/month and gallons/year);

- C. VOM and HAP emissions of Tank TK-1, with supporting documentation and calculations.
- iii. Records for other emission units at the source, including insignificant activities, consisting of;
and
 - A. A determination of the maximum VOM and HAP emissions of each unit or group of related units on a calendar year basis, when operating normally at the maximum projected level of operation, with supporting documentation and calculations.
- iv. Records of the total VOM and HAP emissions of the source (tons/month and tons/year).

1.1.8 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA of deviations of the affected lines and sheet lubricators with permit requirements. Reports shall describe the deviation, the probable cause of such deviation, the corrective actions taken, and any preventive measures taken.

1.1.9 Authorization to Operate

The affected lines and new sheet lubricators may be operated under this construction permit until a revision or renewal of the CAAPP permit has been issued that includes these units.

If you have any questions on this, please call Kevin Hecht at 217/785-1705.

Edwin C. Bakowski, P.E.
Manager, Permit Section
Division of Air Pollution Control

Date Signed: _____

ECB:KTH:jws

cc: Region 3