

primary organic HAP (including cure HAP) emitted from metal can surface coating operations include EGBE and other glycol ethers, xylenes, hexane, MEK, and MIBK. Other significant organic HAP identified include isophorone, ethyl benzene, toluene, trichloroethylene, naphthalene, and formaldehyde. Organic HAP emissions would be regulated by the proposed metal can surface coating rule.

Inorganic HAP. Based on information reported during the development of the proposed NESHAP, inorganic HAP, including chromium and manganese compounds, are contained in some of the coatings used by that source category and may be emitted if they are spray-applied. Inorganic HAP emissions would not be regulated by the proposed metal can surface coating rule. (See section III.B of this preamble for further discussion of inorganic HAP emissions from surface coating operations.)

D. What Is the Affected Source?

We define an affected source as a stationary source, group of stationary

sources, or part of a stationary source to which a specific emission standard applies. The proposed standards for metal can surface coating define the affected source for each subcategory as the collection of all operations within a facility associated with (1) one- and two-piece D&I can body coating, (2) sheetcoating, (3) three-piece can body assembly coating, or (4) end lining. Those operations include the following: Preparation of a coating for application (e.g., mixing with thinners); process equipment involving storage, transfer, handling, and application of coatings; and associated curing, and drying equipment.

The affected source does not include research or laboratory equipment or janitorial, building, or facility maintenance operations.

E. What Are the Emission Limits, Operating Limits, and Work Practice Standards?

Emission Limits. We are proposing to limit organic HAP emissions from each new or reconstructed affected source

using the emission limits in Table 2 of this preamble. The proposed emission limits for each existing affected source are given in Table 3 of this preamble. You can choose from several compliance options in the proposed rule to achieve the emission limit that applies to your affected source. You could comply by applying materials (coatings and thinners) that meet the emission limit, either individually or collectively. You could also use a capture system and add-on control equipment to meet the emission limit. You could also comply by using a combination of both approaches. If you use a capture system and add-on control equipment, there are alternative control efficiency or outlet concentration limits that you may use to simplify and reduce your recordkeeping and reporting requirements. The alternative emission limits for affected sources using the control efficiency/outlet concentration compliance option are provided in Table 4 of this preamble.

TABLE 2.—EMISSION LIMITS FOR NEW OR RECONSTRUCTED AFFECTED SOURCES

If you apply surface coatings to metal cans or metal can parts in this subcategory . . .	for all coatings of this type . . .	then, you must meet the following organic HAP emission limit in kilograms HAP/liter solids (pound HAP/gal solids) ¹ :
1. One- and two-piece D&I can body coating	a. two-piece beverage cans—all coatings	0.04 (0.31)
	b. two-piece food cans—all coatings	0.06 (0.50)
	c. one-piece aerosol cans—all coatings	0.08 (0.65)
2. Sheetcoating	sheetcoating	0.02 (0.17)
3. Three-piece can assembly	a. inside spray	0.12 (1.03)
	b. aseptic side seam stripes on food cans	1.48 (12.37)
	c. non-aseptic side seam stripes on food cans	0.72 (5.96)
	d. side seam stripes on general line non-food cans	1.18 (9.84)
	e. side seam stripes on aerosol cans	1.46 (12.14)
4. End lining	a. aseptic end seal compounds	0.06 (0.54)
	b. non-aseptic end seal compounds	0.00 (0.00)

¹ If you apply surface coatings of more than one type within any one subcategory, you may calculate an overall subcategory emission limit (OSEL) according to 40 CFR 63.3551(i).

TABLE 3.—EMISSION LIMITS FOR EXISTING AFFECTED SOURCES

If you apply surface coatings to metal cans or metal can parts in this subcategory . . .	for all coatings of this type . . .	then, you must meet the following organic HAP emission limit in kilograms HAP/liter solids (pound HAP/gal solids) ¹ :
1. One- and two- piece D&I can body coating	a. two-piece beverage cans—all coatings	0.07 (0.59)
	b. two-piece food cans—all coatings	0.06 (0.51)
	c. one-piece aerosol cans—all coatings	0.12 (0.99)
2. Sheetcoating	sheetcoating	0.03 (0.26)
3. Three-piece can assembly	a. inside spray	0.29 (2.43)
	b. aseptic side seam stripes on food cans	1.94 (16.16)
	c. non-aseptic side seam stripes on food cans	0.79 (6.57)
	d. side seam stripes on general line non-food cans	1.18 (9.84)
	e. side seam stripes on aerosol cans	1.46 (12.14)