**Section 307.2405 Commodity Organic Chemicals**

a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of the products classified under SIC 2865 or 2869, commodity organic chemicals and commodity organic chemical groups, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107, listed in this subsection. Product groups are indicated with an asterisk (\*).

1) Aliphatic Organic Chemicals

 Acetaldehyde

 Acetic acid

 Acetic anhydride

 Acetone

 Acrylonitrile

 Adipic acid

 1,3-Butadiene

 \*Butylenes (Butenes)

 Cyclohexane

 1,2-Dichloroethane

 Ethanol

 Ethylene

 Ethylene glycol

 Ethylene oxide

 Formaldehyde

 Isopropanol

 Methanol

 Polyoxypropylene glycol

 Propylene

 Propylene oxide

 Vinyl acetate

2) Aromatic Organic Chemicals

 Benzene

 Cumene

 Dimethyl terephthalate

 Ethylbenzene

 Phenol

 \*Pitch tar residues

 Pyrolysis gasolines

 Styrene

 Terephthalic acid

 Toluene

 \*Xylenes, mixed

 o-Xylene

m-Xylene (impure)

 p-Xylene

3) Halogenated Organic Compounds

 Vinyl chloride

b) Specialized Definitions. None.

c) Existing Sources

1) The Board incorporates by reference 40 CFR 414.65 (2003). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

d) New Sources

1) The Board incorporates by reference 40 CFR 414.66 (2003). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

3) For discharges of wastewater resulting from the manufacture of butadiene by any process that includes the oxidative dehydrogenation of butene, "new source" means any building, structure, facility, or installation whose construction commenced after December 17, 1973. For other sources, "new source" means any building, structure, facility, or installation whose construction commenced after March 21, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)