§413.02 General definitions.

In addition to the definitions set forth in 40 CFR part 401 and the chemical analysis methods set forth in 40 CFR part 136, both of which are incorporated herein by reference, the following definitions apply to this part:

(a) The term \(CN,A\) shall mean cyanide amenable to chlorination as defined by 40 CFR 136.

(b) The term \(CN,T\) shall mean cyanide, total.

(c) The term \(Cr,VI\) shall mean hexavalent chromium.

(d) The term \(electroplating \text{ process wastewater}\) shall mean process wastewater generated in operations which are subject to regulation under any of subparts A through H of this part.

(e) The term \(total \text{ metal}\) is defined as the sum of the concentration or mass of Copper (\(Cu\)), Nickel (\(Ni\)), Chromium (\(Cr\)) (total) and Zinc (\(Zn\)).

(f) The term \(strong \text{ chelating agents}\) is defined as all compounds which, by virtue of their chemical structure and amount present, form soluble metal complexes which are not removed by subsequent metals control techniques such as pH adjustment followed by clarification or filtration.

(g) The term \(control \text{ authority}\) is defined as the POTW if it has an approved pretreatment program; in the absence of such a program, the NPDES State if it has an approved pretreatment program or EPA if the State does not have an approved program.

(h) The term \(integrated \text{ facility}\) is defined as a facility that performs electroplating as only one of several operations necessary for manufacture of a product at a single physical location and has significant quantities of process wastewater from non-electroplating manufacturing operations. In addition, to qualify as an “integrated facility” one or more plant electroplating process wastewater lines must be combined prior to or at the point of treatment (or proposed treatment) with one or more plant sewers carrying process wastewater from non-electroplating manufacturing operations.

(i) The term \(TTO\) shall mean total toxic organics, which is the summation of all quantifiable values greater than 0.01 milligrams per liter for the following toxic organics:

- Acenaphthene
- Acrolein
- Acrylonitrile
- Benzene
- Benzonide
- Carbon tetrachloride (tetrachloromethane)
- Chlorobenzene
- 1,2,4-trichlorobenzene
- Hexachlorobenzene
- 1,2-dichloroethane
- 1,1,1-trichloroethane
- Hexachloroethane
- 1,1-dichloroethane
- 1,1,2-trichloroethane
- 1,1,2,2-tetrachloroethane
- Chloroethane
- Bis (2-chloroethyl) ether
- 2-chloroethyl vinyl ether (mixed)
- 2-chloronaphthalene
- 2,4,6-trichlorophenol
- Parachlorometacresol
- Chloroform (trichloromethane)
- 2-chlorophenol
- 1,2-dichlorobenzene
- 1,3-dichlorobenzene
- 1,4-dichlorobenzene
- 3,3-dichlorobenzidine
- 1,1-dichloroethylene
- 1,2-trans-dichloroethylene
- 2,4,5-trichlorophenol
- 1,2-dichloropropane
- 1,3-dichloropropylene (1,3-dichloropropene)
- 2,4-dimethylphenol
- 2,4-dinitrotoluene
- 2,6-dinitrotoluene
- 1,2-diphenylhydrazine
- Ethylbenzene
- Fluoranthene
- 4-chlorophenyl phenyl ether
- 4-bromophenyl phenyl ether
- Bis (2-chloroisopropy) ether
- Bis (2-chloroethoxy) methane
- Methylene chloride (dichloromethane)
- Methyl chloride (chloromethane)
- Methyl bromide (bromomethane)
- Bromoform (tribromomethane)
- Dichlorobromomethane
- Dibromochloromethane
- Hexachlorobutadiene
- Hexachlorocyclopentadiene
- Isophorone
- Naphthalene
- Nitrobenzene
- 2-nitrophenol


Environmental Protection Agency

§ 413.03 Monitoring requirements.

(a) In lieu of monitoring for TTO, the control authority may allow industrial users of POTWs to make the following certification as a comment to the periodic reports required by § 403.12(e):

"Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the control authority."

(b) In requesting that no monitoring be required industrial users of POTWs shall submit a toxic organic management plan that specifies to the control authority’s satisfaction the toxic organic compounds used; the method of disposal used instead of dumping, such as reclamation, contract hauling, or incineration; and procedures for assuring that toxic organics do not routinely spill or leak into the wastewater.

(c) If monitoring is necessary to measure compliance with the TTO standard the industrial user need analyze only for those pollutants which would reasonably be expected to be present.

(Approved by the Office of Management and Budget under control number 2040-0074)


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