

40 C.F.R. § 471.94

Pretreatment standards for existing sources (PSES).

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and by August 23, 1988 achieve the following pretreatment standards for existing sources (PSES). The mass of wastewater pollutants in zirconium-hafnium forming process wastewater introduced into a POTW shall not exceed the following values:

- (a) *Rolling spent neat oils—subpart I—PSES.* There shall be no discharge of process wastewater pollutants.
- (b) *Drawing spent lubricants—subpart I—PSES.* There shall be no discharge of process wastewater pollutants.
- (c) *Extrusion spent emulsion—subpart I—PSES.* There shall be no discharge of process wastewater pollutants.
- (d) *Extrusion press hydraulic fluid leakage.*

Subpart I—PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of zirconium-hafnium extruded	
Chromium	0.104	0.043
Cyanide	0.069	0.029
Nickel	0.455	0.301
Ammonia	31.6	13.9
Fluoride	14.1	6.26

- (e) *Swaging spent neat oils—subpart I—PSES.* There shall be no discharge of process wastewater pollutants.
- (f) *Heat treatment contact cooling water.*

Subpart I—PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of zirconium-hafnium heat treated	
Chromium	0.015	0.006
Cyanide	0.010	0.004

Nickel	0.066	0.044
Ammonia	4.57	2.01
Fluoride	2.04	0.906

(g) *Tube Reducing Spent Lubricant—subpart I—PSES.* (1) There shall be no discharge of process wastewater pollutants except as provided under paragraph (g)(2) of this section.

This document is only available to subscribers. Please log in or purchase access.

[Purchase Login](#)