

§ 471.72

40 CFR Ch. I (7-1-04 Edition)

SUBPART G—BPT

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of sawed or ground uranium rinses	
Cadmium .....	0.002	0.0007
Chromium .....	0.002	0.0009
Copper .....	0.009	0.005
Lead .....	0.002	0.001
Nickel .....	0.009	0.006
Fluoride .....	0.277	0.123
Molybdenum .....	0.031	0.016
Oil and grease .....	0.093	0.056
TSS .....	0.191	0.091
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(k) *Area cleaning rinse.*

SUBPART G—BPT

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of uranium formed	
Cadmium .....	0.015	0.007
Chromium .....	0.019	0.008
Copper .....	0.082	0.043
Lead .....	0.018	0.009
Nickel .....	0.083	0.055
Fluoride .....	2.56	1.14
Molybdenum .....	0.284	0.147
Oil and grease .....	0.858	0.515
TSS .....	1.76	0.837
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(l) *Drum washwater.*

SUBPART G—BPT

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of uranium formed	
Cadmium .....	0.015	0.007
Chromium .....	0.020	0.008
Copper .....	0.084	0.045
Lead .....	0.019	0.009
Nickel .....	0.085	0.057
Fluoride .....	2.64	1.17
Molybdenum .....	0.293	0.152
Oil and grease .....	0.886	0.532
TSS .....	1.82	0.864
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(m) *Laundry washwater.*

SUBPART G—BPT

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/employee—day	
Cadmium .....	17.8	7.86
Chromium .....	23.1	9.43
Copper .....	99.6	52.4
Lead .....	22.0	10.5
Nickel .....	101	66.6
Fluoride .....	3,120	1,390
Molybdenum .....	347	179
Oil and grease .....	1,050	629
TSS .....	2,150	1,020
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(n) *Degreasing spent solvents—Subpart G—BPT.* There shall be no discharge of process wastewater pollutants.

[50 FR 34270, Aug. 23, 1985; 51 FR 2888, Jan. 22, 1986]

**§ 471.72 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).**

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT):

(a) *Extrusion spent lubricants—Subpart G—BAT.* There shall be no discharge of process wastewater pollutants.

(b) *Extrusion tool contact cooling water.*

SUBPART G—BAT

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of uranium extruded	
Cadmium .....	0.007	0.003
Chromium .....	0.013	0.005
Copper .....	0.044	0.021
Lead .....	0.010	0.005
Nickel .....	0.019	0.013
Fluoride .....	2.05	0.908
Molybdenum .....	0.173	0.077

(c) *Heat treatment contact cooling water.*

**Environmental Protection Agency**

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**SUBPART G—BAT**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of extruded or forged uranium heat treated	
Cadmium .....	0.006	0.003
Chromium .....	0.012	0.005
Copper .....	0.040	0.019
Lead .....	0.009	0.004
Nickel .....	0.017	0.012
Fluoride .....	1.86	0.827
Molybdenum .....	0.158	0.070

(d) *Forging spent lubricants—Subpart G—BAT.* There shall be no discharge of process wastewater pollutants.

(e) *Surface treatment spent baths.*

**SUBPART G—BAT**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of uranium surface treated	
Cadmium .....	0.006	0.002
Chromium .....	0.010	0.004
Copper .....	0.035	0.017
Lead .....	0.008	0.004
Nickel .....	0.015	0.010
Fluoride .....	1.62	0.718
Molybdenum .....	0.137	0.061

(f) *Surface treatment rinse.*

**SUBPART G—BAT**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of uranium surface treated	
Cadmium .....	0.068	0.027
Chromium .....	0.125	0.051
Copper .....	0.432	0.260
Lead .....	0.095	0.044
Nickel .....	0.186	0.125
Fluoride .....	20.1	8.90
Molybdenum .....	1.70	0.752

(g) *Wet air pollution control scrubber blowdown.*

**SUBPART G—BAT**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of uranium surface treated	
Cadmium .....	0.0007	0.0003
Chromium .....	0.001	0.0005
Copper .....	0.005	0.002
Lead .....	0.001	0.0005
Nickel .....	0.002	0.001
Fluoride .....	0.208	0.092
Molybdenum .....	0.018	0.008

(h) *Sawing or grinding spent emulsions.*

**SUBPART G—BAT**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of uranium sawed or ground with emulsions	
Cadmium .....	0.001	0.0005
Chromium .....	0.002	0.0009
Copper .....	0.007	0.004
Lead .....	0.002	0.001
Nickel .....	0.003	0.002
Fluoride .....	0.338	0.150
Molybdenum .....	0.029	0.013

(i) *Sawing or grinding contact cooling water.*

**SUBPART G—BAT**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of uranium sawed or ground with contact cooling water	
Cadmium .....	0.033	0.013
Chromium .....	0.061	0.025
Copper .....	0.211	0.101
Lead .....	0.046	0.022
Nickel .....	0.091	0.061
Fluoride .....	9.82	4.36
Molybdenum .....	0.830	0.368

(j) *Sawing or grinding rinse.*

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SUBPART G—BAT

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of sawed or ground uranium rinse	
Cadmium .....	0.001	0.0004
Chromium .....	0.002	0.0007
Copper .....	0.006	0.003
Lead .....	0.002	0.0006
Nickel .....	0.003	0.002
Fluoride .....	0.277	0.123
Molybdenum .....	0.024	0.011

(k) Area cleaning rinse.

SUBPART G—BAT

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of uranium formed	
Cadmium .....	0.009	0.004
Chromium .....	0.016	0.007
Copper .....	0.055	0.026
Lead .....	0.012	0.006
Nickel .....	0.024	0.016
Fluoride .....	2.56	1.14
Molybdenum .....	0.216	0.096

(l) Drum, washwater.

SUBPART G—BAT

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of uranium formed	
Cadmium .....	0.009	0.004
Chromium .....	0.017	0.007
Copper .....	0.057	0.027
Lead .....	0.013	0.006
Nickel .....	0.025	0.017
Fluoride .....	2.64	1.17
Molybdenum .....	0.223	0.099

(m) Laundry washwater.

SUBPART G—BAT

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/employee—day	
Cadmium .....	5.24	2.10
Chromium .....	9.70	3.93
Copper .....	33.6	16.0
Lead .....	7.34	3.41
Nickel .....	14.4	9.70
Fluoride .....	1.560	692
Molybdenum .....	132	58.4

(n) *Degreasing spent solvents—Subpart G—BAT.* There shall be no discharge of process wastewater pollutants.

[50 FR 34270, Aug. 23, 1985; 51 FR 2888, Jan. 22, 1986]

§ 471.73 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS). The mass of pollutants in the uranium forming process wastewater shall not exceed the following values:

(a) *Extrusion spent lubricants—Subpart G—NSPS.* There shall be no discharge of process wastewater pollutants.

(b) *Extrusion tool contact cooling water.*

SUBPART G—NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of uranium extruded	
Cadmium .....	0.007	0.003
Chromium .....	0.013	0.005
Copper .....	0.044	0.021
Lead .....	0.010	0.005
Nickel .....	0.019	0.013
Fluoride .....	2.05	0.908
Molybdenum .....	0.173	0.077
Oil and grease .....	0.344	0.344
TSS .....	0.516	0.413
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(c) *Heat treatment contact cooling water.*

SUBPART G—NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of extruded or forged uranium heat treated	
Cadmium .....	0.006	0.003
Chromium .....	0.012	0.005
Copper .....	0.040	0.019
Lead .....	0.009	0.004
Nickel .....	0.017	0.012
Fluoride .....	1.86	0.827
Molybdenum .....	0.158	0.070
Oil and grease .....	0.313	0.313
TSS .....	0.470	0.376
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.