

§ 461.50

(b) There shall be no discharge allowance for process wastewater pollutants from any battery manufacturing operation other than those battery manufacturing operations listed above.

Subpart E—Lithium Subcategory

§ 461.50 Applicability; description of the lithium subcategory.

This subpart applies to discharges to waters of the United States and introduction of pollutants into publicly owned treatment works from the manufacturing of lithium anode batteries.

§§ 461.51–461.52 [Reserved]

§ 461.53 New source performance standards (NSPS).

(a) The discharge of wastewater pollutants from any new source subject to this subpart shall not exceed the standards set forth below:

(1) Subpart E—Lead Iodide Cathodes—NSPS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of lead English units—pounds per 1,000,000 pounds of lead	
Chromium	23.34	9.46
Lead	17.66	8.20
Iron	75.70	38.48
TSS	946.2	756.96
pH	(¹)	(¹)

¹ Within the range of 7.5–10.0 at all times.

(2) Subpart E—Iron Disulfide Cathodes—NSPS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of Iron disulfide English units—pounds per 1,000,000 pounds of Iron disulfide	
Chromium	2.79	1.13
Lead	2.11	0.98
Iron	9.05	4.60
TSS	113.1	90.5
pH	(¹)	(¹)

¹ Within the range of 7.5–10.0 at all times.

(3) Subpart E—Miscellaneous Wastewater Streams—NSPS.

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Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cells produced English units—pounds per 1,000,000 pounds of cells produced	
Chromium	0.039	0.016
Lead	0.030	0.014
Iron	0.129	0.066
TSS	1.62	1.30
pH	(¹)	(¹)

¹ Within the range of 7.5–10.0 at all times.

(4) Subpart E—Air Scrubbers—NSPS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cells produced English units—pounds per 1,000,000 pounds of cells produced	
TSS	434.0	207.0
pH	(¹)	(¹)

¹ Within the range of 7.5–10.0 at all times.

(b) There shall be no discharge allowance for process wastewater pollutants from any battery manufacturing operation other than those battery manufacturing operations listed above.

§ 461.54 [Reserved]

§ 461.55 Pretreatment standards for new sources (PSNS).

(a) Except as provided in § 403.7 any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources listed below:

(1) Subpart E—Lead Iodide Cathodes—PSNS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of lead English units—pounds per 1,000,000 pounds of lead	
Chromium	23.34	9.46
Lead	17.66	8.20

(2) Subpart E—Iron Disulfide Cathodes—PSNS.

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Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of iron disulfide	
	English units—pounds per 1,000,000 pounds of iron disulfide	
Chromium	2.79	1.13
Lead	2.11	0.98

(3) Subpart E—Miscellaneous Wastewater Streams—PSNS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cells produced	
	English units—pounds per 1,000,000 pounds of cells produced	
Chromium	0.039	0.016
Lead	0.030	0.014

(b) There shall be no discharge allowance for process wastewater pollutants from any battery manufacturing operation other than those battery manufacturing operations listed above.

Subpart F—Magnesium Subcategory

§ 461.60 Applicability; description of the magnesium subcategory.

This subpart applies to discharges to waters of the United States and introduction of pollutants into publicly owned treatment works from the manufacturing of magnesium anode batteries.

§§ 461.61–461.62 [Reserved]

§ 461.63 New source performance standards (NSPS).

(a) The discharge of wastewater pollutants from any new source subject to this subpart shall not exceed the standards set forth below:

(1) Subpart F—Silver Chloride Cathodes—Chemically Reduced—NSPS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of silver processed	
	English units—pounds per 1,000,000 pounds of silver processed	
Lead	22.93	10.65
Silver	23.75	9.83
Iron	98.28	49.96
TSS	1,228.5	982.8
COD	4,095.0	1,999.0
pH	(¹)	(¹)

¹ Within the range of 7.5–10.0 at all times.

(2) Subpart F—Silver Chloride Cathodes—Electrolytic—NSPS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of silver processed	
	English units—pounds per 1,000,000 pounds of silver processed	
Lead	40.6	18.9
Silver	42.1	17.4
Iron	174.0	88.5
TSS	2,175.0	1,740.0
COD	7,250.0	3,540.0
pH	(¹)	(¹)

¹ Within the range of 7.5–10.0 at all times.

(3) Subpart F—Cell Testing—NSPS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cells produced	
	English units—pounds per 1,000,000 pounds of cells produced	
Lead	19.5	7.89
Silver	15.3	6.31
Iron	63.1	32.1
TSS	789.0	631.2
COD	2,630.0	1,290.0
pH	(¹)	(¹)

¹ Within the range of 7.5–10.0 at all times.

(4) Subpart F—Floor and Equipment Wash—NSPS.