

**§ 464.45**

	Maximum for any 1 day	Maximum for monthly average	Annual average <sup>1</sup>
	(mg/l) <sup>2</sup>	(mg/l) <sup>2</sup>	
Copper (T) ...	0.77	0.42	0.067
Lead (T) .....	0.53	0.26	0.0591
Zinc (T) .....	0.76	0.29	0.071
Oil and grease .....	30	10	1.97
TSS .....	15	12	1.03
pH .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> kg/1,000 kkg (pounds per million pounds) of metal poured.  
<sup>2</sup> These concentrations must be multiplied by the ratio of (47.3/x) where x is the actual normalized process wastewater flow (in gallons per 1,000 pounds of metal poured) for a specific plant.  
<sup>3</sup> Within the range of 7.0 to 10.0 at all times.

[50 FR 45247, Oct. 30, 1985; 51 FR 21762, June 16, 1986]

**§ 464.45 Pretreatment standards for existing sources.**

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 achieve the following pretreatment standards for existing sources.

*(a) Casting Quench Operations.*

**PSSES**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	kg/1,000 kkg (pounds per million pounds) of metal poured	
Copper (T) .....	0.0344	0.0187
Lead (T) .....	0.0237	0.0116
Zinc (T) .....	0.0339	0.0129
TTO .....	0.093	0.0304
Oil and grease (for alternate monitoring) .....	1.34	0.446

*(b) Die Casting Operations.*

**PSSES**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	kg/1,000 kkg (pounds per million pounds) of metal poured	
Copper (T) .....	0.0066	0.0036
Lead (T) .....	0.0046	0.0022
Zinc (T) .....	0.0066	0.0025
Total phenols .....	0.0074	0.0026
TTO .....	0.0196	0.0064
Oil and grease (for alternate monitoring) .....	0.259	0.0864

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*(c) Melting Furnace Scrubber Operations.*

**PSSES**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	kg/62.3 million per billion SCF of air scrubbed	
Copper (T) .....	1.56	0.852
Lead (T) .....	1.07	0.527
Zinc (T) .....	1.54	0.588
Total phenols .....	1.74	0.608
TTO .....	3.95	1.29
Oil and grease for alternate monitoring) .....	60.8	20.3

*(d) Mold Cooling Operations.*

**PSSES**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	kg/1,000 kkg (pounds per million pounds) of metal poured	
Copper (T) .....	0.304	0.166
Lead (T) .....	0.209	0.103
Zinc (T) .....	0.3	0.114
TTO .....	0.821	0.268
Oil and grease for alternate monitoring) .....	11.8	3.94

**§ 464.46 Pretreatment standards for new sources.**

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources.

*(a) Casting Quench Operations.*

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	kg/1,000 kkg (pounds per million pounds) of metal poured	
Copper (T) .....	0.0344	0.0187
Lead (T) .....	0.0237	0.0116
Zinc (T) .....	0.0339	0.0129
TTO .....	0.093	0.0304
Oil and grease (for alternate monitoring) .....	1.34	0.446

*(b) Die Casting Operations.*