

SCC	Process	PART	PM10	SOx	NOx	VOC	CO	Lead	Units
<i>Gray Iron Foundries</i>									
30400303	Electric Induction Furnace	0.9	0.86	0.0	0.0	0.0	0.0	0.0	Tons Metal Charged
30400315	Charge Handling	0.6	0.36	0	0	0.0	---	---	Tons Metal Charged
30400320	Pouring/Casting	2.8	2.8	0.02	0.01	0.14	---	---	Tons Metal Charged
30400325	Casting Cooling	1.4	1.4	0.0	0.0	0.0	---	---	Tons Metal Charged
30400331	Casting Shakeout	3.2	2.24	0.0	0.0	1.2	---	---	Tons Metal Charged
30400340	Grinding/Cleaning	17.0	1.7	0.0	0.0	0.0	0.0	---	Tons Metal Charged
30400350	Sand Grinding/Handling	0.65	0.54	0.0	0.0	0.0	---	---	Tons Sand Handled
30400352	Sand Grinding/Handling	40.0	6.0	0.0	0.0	0.0	---	---	Tons Metal Charged
30400370	Shell Core Machine	---	---	0.3	0.5	0.0008	---	---	Tons Cores Produced
<i>Secondary Aluminum Production</i>									
30400101	Sweating Furnace	14.5	13.3	3.5	0.6	2.4	---	---	Tons Produced
30400102	Smelting Furnace/Crucible	1.9	1.7	2.5	1.7	2.5	---	---	Tons Metal Produced
30400104	Fluxing: Chlorination	1000.0	532.0	0.0	0.0	0.0	0.0	---	Tons Chlorine Used
30400105	Fluxing: Fluoridation	---	---	0.0	0.0	0.0	---	---	Tons Metal Produced
30400106	Degassing	---	---	0.0	0.0	0.0	0.0	---	Tons Metal Produced
<i>Secondary Copper Production, Crucible &amp; Pot Furnace</i>									
30400219	Charge w/ Brass & Bronze	21.0	12.4	0.5	---	6.7	---	---	Tons of Charge
<i>Secondary Copper Production, Crucible &amp; Pot Furnace</i>									
30400223	Charge w/ Copper	7.0	7.0	---	---	0.0	---	---	Tons of Charge
30400224	Charge w/ Brass & Bronze	20.0	20.0	0.03	---	0.0	---	---	Tons of Charge
<i>Secondary Copper Production, Fugitive Emissions</i>									
30400230	Scrap Metal Pretreatment	---	---	0.0	0.0	0.0	---	---	Tons of Charge
30400237	Crucible Furnace	0.49	0.29	0.0	0.0	0.0	---	---	Tons of Charge
30400238	Electric Induction Furnace	0.14	0.08	0.0	0.0	0.0	---	---	Tons of Charge
30400339	Casting Operations	0.015	0.015	---	---	---	---	---	Tons Castings Produced

**Notes:**

1. There are no published emission factors directly applicable to the non-ferrous foundry industry.
2. Note the industry group for which the individual factor is developed. Do not modify the factor and use the U.S. EPA SCC number.
3. When referencing a factor above use the SCC number (Source Classification Code).