

Note: This is a reference cited in *AP 42, Compilation of Air Pollutant Emission Factors, Volume I Stationary Point and Area Sources*. AP42 is located on the EPA web site at www.epa.gov/ttn/chief/ap42/

The file name refers to the reference number, the AP42 chapter and section. The file name "ref02_c01s02.pdf" would mean the reference is from AP42 chapter 1 section 2. The reference may be from a previous version of the section and no longer cited. The primary source should always be checked.

PM₁₀ EMISSION FACTOR LISTING DEVELOPED BY
TECHNOLOGY TRANSFER - EPA-450/4-022, NOVEMBER ~~1988~~ 1989

Reference Number	Page Number	SCC	Process	PM ₁₀ Factor lbs/unit	Units	Reference Number
230	49	3-04-002-38	Electric Induction Furnace	0.08	Tons of Charge	246
231	49	3-04-002-39	Casting Operations	0.015	Tons of Casting Produced	247
232	49	<u>Gray Iron Foundries - 3321</u> 3-04-003-02 - Reverberatory Furnace		1.7	Tons Metal Charged	248
233	49	3-04-003-03	Electric Induction Furnace	0.86	Tons Metal Charged	249
234	49	3-04-003-15	Charge Handling	0.36	Tons Metal Charged	250
	49	3-04-003-20	Pouring/Casting	2.8	Tons Metal Charged	251
235	49	3-04-003-25	Casting Cooling	1.4	Tons Metal Charged	252
236	49	3-04-003-40	Casting Grinding/Cleaning	1.7	Tons Metal Charged	253
237	49	3-04-003-50	Sand Grinding/Handling	0.54	Tons Sand Handled	254
238	49	3-04-003-51	Core Ovens	2.22	Tons Sand Handled	255
	49	3-04-003-52	Sand Grinding/Handling	6.0	Tons Metal Charged	256
239	49	3-04-003-53	Core Ovens	0.90	Tons Metal Charged	257
240	49	3-04-003-60	Castings Finishing	0.0045	Tons Metal Charged	258
241	50	<u>Secondary Lead Smelting - 3341, 3369</u> 3-04-004-01 - Pot Furnace		0.2	Tons Metal Charged	259
243	50	3-04-004-02	Reverberatory Furnace	194	Tons Metal Charged	260
244	50	3-04-004-03	Blast Furnace (Cupola)	129	Tons Metal Charged	261
245	50	3-04-004-04	Rotary Sweating Furnace	64	Tons Metal Charged	262

Page Number	SCC	Process	PM ₁₀ Factor lbs/unit	Units	Referer Number	Page Number
50	3-04-004-05	- Reverberatory Sweating Furnace	31	Tons Metal Charged	26	
50	3-04-004-08	- Barton Process Reactor (Oxidation Kettle)	40.0	Tons Lead Oxide Produced	26	51
50	3-04-004-09	- Casting	0.87	Tons of Lead Cast	26	51
50	3-04-004-12	- Sweating Furnace: Fugitive	2.35	Tons Metal Charged	26	51
50	3-04-004-13	- Smelting Furnace: Fugitive	10.0	Tons Metal Charged	26	51
50	3-04-004-14	- Kettle Refining: Fugitive	0.002	Tons Metal Charged	26	51
<u>Lead Battery Manufacture - 3691</u>						
50	3-04-005-05	- Overall Process	125	10 ³ Batteries Produced	26	51
50	3-04-005-07	- Paste Mixing	3.92	10 ³ Batteries Produced	27	51
50	3-04-005-10	- Lead Reclaiming Furnace	1.67	10 ³ Batteries Produced	27	53
50	3-04-005-11	- Small Parts Casting	0.19	10 ³ Batteries Produced	27	MI
50	3-04-005-12	- Formation	32.4	10 ³ Batteries Produced	27	54
<u>Steel Foundry - 3324, 3325</u>						
51	3-04-007-03	- Open Hearth Furnace with Oxygen Lance	8.5	Tons Metal Processed	27	5
51	3-04-007-05	- Electric Induction Furnace	0.09	Tons Metal Processed	27	5
51	3-04-007-06	- Sand Grinding/ Handling in Mold and Core Making	0.54	Tons Sand Processed	27	5
51	3-04-007-07	- Core Ovens	2.22	Tons Sand Processed	27	5

Page Number	SCC	Process	PM ₁₀ Factor lbs/unit	Units	Reference Number
26	51	3-04-007-08 - Pouring and Casting	5.0 2.8	Tons Metal Processed	278
26	51	3-04-007-11 - Castings Cleaning	1.7	Tons Metal Processed	279
26	51	3-04-007-12 - Charge Handling	0.36	Tons Metal Processed	280
26	51	3-04-007-13 - Casting Cooling	10.0 1.4	Tons Metal Processed	281
26	51	3-04-007-15 - Finishing: Specify in Comments	0.0045	Tons Metal Processed	282
26	51	3-04-007-16 - Sand Grinding and Handling	6.0	Tons Metal Processed	283
27	51	3-04-007-17 - Core Ovens	0.90	Tons Metal Processed	284
27	53	<u>Lead Cable Coating - 3357, 3315</u> 3-04-040-01 - General	0.36	Tons Lead Processed	285
27	<u>MINERAL PRODUCTS - MAJOR GROUPS 11, 12, 14, 28, 29, 32, 44</u>				
27	54	<u>Asphalt Roofing Manufacture - 2952</u> 3-05-001-01 - Asphalt Blowing: Saturant	6.8	Tons Asphalt Processed	286
27	54	3-05-001-02 - Asphalt Blowing: Coating	25.0	Tons Asphalt Processed	287
27	54	3-05-001-03 - Felt Saturation: Dipping Only	0.5	Tons Asphalt Shingle	288
27	54	3-05-001-04 - Felt Saturation: Dipping/Spraying	2.26	Tons Asphalt Shingle	289
27	54	<u>Asphaltic Concrete - 2951</u> 3-05-002-02 - Hot Elevators, Screens, Bins & Mixer	0.03	Tons Produced	290
	54	3-05-002-03 - Storage Piles	0.12	Tons Produced	291