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**BRIGGS & STRATTON CORPORATION**  
**DUCTILE IRON FOUNDRY**  
**COMPILATION OF STACK TEST RESULTS - 1991 - 1993**

Source	Date	Pollutant	Emissions (lb/hr)	Metal Throughput (ton/hr)	EF (lb/ton metal)		
Cupola	May 8-10, 1991	PM	8.47	24.2	0.297		
		Benzene	0.003	24.2	1.24E-04		
		Hydrocarbons (as C <sub>4</sub> ) ?	0.003	24.2	1.24E-04		
		NOx	1.81	24.2	7.48E-02		
		CO	184.2	24.2	7.81		
		Formaldehyde	0.004	24.2	1.65E-04		
		Mn	8.00E-02	24.2	3.55E-03		
		Sb	8.00E-05	24.2	3.31E-06		
		Cr	1.80E-03	24.2	7.44E-05		
		As	5.00E-05	24.2	2.07E-06		
		Cd	1.00E-05	24.2	4.13E-07		
		Ni	2.00E-04	24.2	8.29E-06		
		Co	2.00E-05	24.2	8.29E-07		
		Cu	8.40E-03	24.2	2.84E-04		
		Mo	3.00E-05	24.2	1.24E-06		
Cooling Line	May 8-10, 1991		<i>One Stack (lb/hr)</i>	<i>Eight Stacks (lb/hr)</i>			
		PM	0.29	2.32	24.2	1.20E-02	
		Benzene	0.028	0.208	24.2	1.07E-03	
		Hydrocarbons (as C <sub>5</sub> )	0.35	2.8	24.2	1.45E-02	
		Mn	1.50E-04	1.20E-03	24.2	6.20E-06	
		Sb	1.00E-06	8.00E-06	24.2	4.13E-08	
		Cr	5.00E-05	4.00E-04	24.2	2.07E-06	
		As	3.00E-05	2.40E-04	24.2	1.24E-06	
		Cd	1.00E-06	8.00E-06	24.2	4.13E-08	
		Ni	4.00E-05	3.20E-04	24.2	1.65E-06	
		Co	5.00E-06	4.00E-05	24.2	2.07E-07	
		Cu	5.00E-05	4.00E-04	24.2	2.07E-06	
		Mo	4.00E-06	3.20E-05	24.2	1.65E-07	
		S54, South Cooling Line (1-1)	July 22-27, 1993		<i>One Stack</i>	<i>Four Stacks</i>	
				PM	0.24	0.96	
Benzene	0.307			1.228			
S54, North Cooling Line (3-1)	July 22-27, 1993	Formaldehyde	0.005	0.02			
		PM	0.07	0.28			
TOTALS		PM	-	1.24	20.8	5.96E-02	
		Benzene	-	1.48	20.8	7.12E-02	
		Formaldehyde	-	0.024	20.8	1.15E-03	
S51, BACT I Scrubber	July 22-27, 1993	PM	2.92	20.8	0.140		
S55, BACT II/III Scrubber	July 22-27, 1993	PM	10.30	20.8	0.495		

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Sand miller  
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SHADED ITEMS WERE USED AS A BASIS FOR EMISSION FACTORS.  
 NEWER DATA ARE AVAILABLE FOR THE REMAINDER OF THE ITEMS (SEE 1994 STACK TESTS).