

SMTV FER/EIS Emissions Report (200779) for 2010
BARR LABORATORIES, INC.
1431072038
April 11, 2011

- **Attachments**

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
Annual Summary of Emissions for EUs P006, P007, P010, P011 and Z001	Annual Summary of Emissions	X		

- **Notes**

User Name	Date	Note

Emission Units Without Detailed Emissions

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Emission Unit	Why Excluded	Company Equipment ID
TMP161619	Exemption Status = Permit Exempt	Z002
TMP161618	Exemption Status = Permit Exempt	Z001

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
P006	3-01-060-12	0.	0.	0.	0.24	0.	1E-04	1E-04	1E-04	0.24	0.	0.
P007	3-01-060-12	0.	0.	0.	0.09	0.	4E-04	4E-04	4E-04	0.09	0.	0.
P010	3-01-060-12	0.	0.	0.	0.	0.	5E-05	5E-05	5E-05	0.	0.	0.
P011	3-01-060-08	0.	0.	0.	0.01	0.	0.	0.	0.	0.01	0.	0.
Total		0.	0.	0.	0.34	0.	5.5E-04	5.5E-04	5.5E-04	0.34	0.	0.

Name: Fluid Granulator

Source Classification Code (SCC): 3-01-060-12

- **Material Information, Annual Average Operating Schedule & Throughput Percent**

Schedule Trade Secret:

Hours Per Day: 4

Days Per Week: 7

Weeks Per Year: 45

Hours Per Year: 580

Winter (Dec - Feb)%: 20

Spring (March-May)%: 29

Summer (June-Aug)%: 20

Fall (Sept-Nov)%: 31

Material	Material Action	Throughput	X Units
Solvent	Consumed	3.24	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: STACK TEST			0	0.24	0.24	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM,	PM-FIL	X emissions: MAT.			0	0.0001	1E-04	TONs	

Filterable Portion Only		BALANCE							
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0.0001	1E-04	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0.0001	1E-04	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: STACK TEST			0	0.24	0.24	TONs	
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.2401	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations. The values may be provided to USEPA by Ohio EPA as part of Ohio EPA's federal grant commitments. You may modify these Ohio EPA-generated hazardous air pollutant emission calculations, at the process level, if you have more accurate information. There is no certification of these values as part of the emissions report submission.

Process Emissions

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Chloroform	67663	emissions: STACK TEST			0	0.01	0.01	TONs	
Methanol	67561	emissions: STACK TEST			0	0.002	0.002	TONs	

Emission Unit Summary: P007

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Emissions Unit ID: P007

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.09	0.09	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.0004	4E-04	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.0004	4E-04	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.0004	4E-04	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.09	0.09	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.0904	TONS	

- Processes

- Process & Emissions Detail

Name: Niro Granulator

Source Classification Code (SCC): 3-01-060-12

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 6

Days Per Week: 6

Weeks Per Year: 45

Hours Per Year: 847

Winter (Dec - Feb)%: 24

Spring (March-May)%: 38

Summer (June-Aug)%: 27

Fall (Sept-Nov)%: 11

Material	Material Action	Throughput	X Units
Solvent	Consumed	0.90	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: STACK TEST			0	0.09	0.09	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0.0004	4E-04	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0.0004	4E-04	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0.0004	4E-04	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: STACK TEST			0	0.09	0.09	TONs	
Ammonia	NH3	emissions:			0	0	0.	TONs	

		ENG. JUDGEMENT							
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.0904	TONS	

Emission Unit Summary: P010

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Emissions Unit ID: P010

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.00005	5E-05	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.00005	5E-05	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.00005	5E-05	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					5E-05	TONS	

- Processes

- Process & Emissions Detail

Name: WSG-60

Source Classification Code (SCC): 3-01-060-12

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 6

Days Per Week: 2

Weeks Per Year: 19

Hours Per Year: 160

Winter (Dec - Feb)%: 15

Spring (March-May)%: 20

Summer (June-Aug)%: 45

Fall (Sept-Nov)%: 20

Material	Material Action	Throughput	X Units
Material	Consumed	6.62	TONs

- Process Emissions

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0.00005	5E-05	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0.00005	5E-05	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0.00005	5E-05	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							5E-05	TONS	

Emission Unit Summary: P011

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Emissions Unit ID: P011

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.01	0.01	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.01	0.01	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.01	TONS	

- Processes

- Process & Emissions Detail

Name: Rings Mfg.

Source Classification Code (SCC): 3-01-060-08

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 4

Days Per Week: 6

Weeks Per Year: 6

Hours Per Year: 86

Winter (Dec - Feb)%: 7

Spring (March-May)%: 0

Summer (June-Aug)%: 0

Fall (Sept-Nov)%: 93

Material	Material Action	Throughput	X Units
Product	Produced	0.2	100 POUNDS

- Process Emissions

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.01	TONS	