

SMTV FER/EIS Emissions Report (186478) for 2009
Allied Corporation Plant #79
0664980010
April 13, 2010

2009 Emissions Summary Report : 186478

Jun 1 2010, 13:29:46

- Report Data

Report Category: SMTV

Submitted Date: 04/13/2010

Reporting Year: 2009

Approved Date 05/10/2010

Reporting State Approved

- Reports Included

FER: X

ES:

EIS: X

- Facility Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONS
SO2 - Sulfur Dioxide	SO2	X	0.	0.29	0.29	TONS
NOx - Nitrogen Oxides	NOX	X	0.	1.89	1.89	TONS
Organic Compounds	OC	X	0.85	2.08	2.93	TONS
Pb - Lead	7439921	X	0.	5E-05	5E-05	TONS
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	4.49	0.49	4.98	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.	0.	TONS
Ammonia	NH3		0.	0.	0.	TONS
CO - Carbon Monoxide	CO		0.13	16.89	17.02	TONS
Total of Chargable Pollutants					10.09	TONS

- Attachments

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
2009 Annual Emissions Calculations for Allied Corporation Plant #79	Annual Summary of Emissions	X		

- Notes

User Name	Date	Note
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Emission Units Without Detailed Emissions

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Emission Unit	Why Excluded	Company Equipment ID
F002	Less Than 1 TPY per Pollutant	Storage Piles

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
F001	3-05-002-90	0.	0.	0.	0.	0.	1.82	0.	0.	0.	0.	0.
P929	3-05-002-52											
P929	3-05-002-51											
P929	3-05-002-53	0.	0.29	1.89	2.93	5E-05	3.16	0.	0.	0.	0.	17.02
Total		0.	0.29	1.89	2.93	5E-05	4.98	0.	0.	0.	0.	17.02

Emission Unit Summary: F001

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Emissions Unit ID: F001

Engineering Guide #71 Exemption:

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	1.82	0	1.82	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	0.	TONS	
Ammonia	NH3		0	0	0.	TONS	
CO - Carbon Monoxide	CO		0	0	0.	TONS	
Total of Chargable Pollutants					1.82	TONS	

- Processes

- Process & Emissions Detail

Name: HMA Roadways

Source Classification Code (SCC): 3-05-002-90

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 10

Days Per Week: 6

Weeks Per Year: 34

Hours Per Year: 2040

Winter (Dec - Feb)%: 0

Spring (March-May)%: 20

Summer (June-Aug)%: 40

Fall (Sept-Nov)%: 40

Material	Material Action	Throughput	X Units
Asphaltic Concrete	Processed	106,602	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: ENG. JUDGEMENT			1.82	0	1.82	TONS	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONS	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	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							1.82	TONS	

Emission Unit Summary: P929

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Emissions Unit ID: P929

Engineering Guide #71 Exemption:

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	0.29	0.29	TONS	
NOx - Nitrogen Oxides	NOX	X	0	1.89	1.89	TONS	
Organic Compounds	OC	X	0.85	2.08	2.93	TONS	
Pb - Lead	7439921	X	0	0.00005	5E-05	TONS	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	2.67	0.49	3.16	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	0.	TONS	
Ammonia	NH3		0	0	0.	TONS	
CO - Carbon Monoxide	CO		0.13	16.89	17.02	TONS	
Total of Chargable Pollutants					8.27005	TONS	

- Processes

- Process & Emissions Detail

Name: HMA Production #2

Source Classification Code (SCC): 3-05-002-52

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 10

Days Per Week: 6

Weeks Per Year: 34

Hours Per Year: 0

Winter (Dec - Feb)%: 0

Spring (March-May)%: 20

Summer (June-Aug)%: 40

Fall (Sept-Nov)%: 40

Material	Material Action	Throughput	X Units
Hot Mix Asphalt	Produced	0	TONS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
Total of Chargable Pollutants							0.	TONS	

- **Process & Emissions Detail**

Name: HMA Production NG

Source Classification Code (SCC): 3-05-002-51

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

Schedule Trade Secret:

Hours Per Day: 10

Days Per Week: 6

Weeks Per Year: 34

Hours Per Year: 0

Winter (Dec - Feb)%: 0

Spring (March-May)%: 20

Summer (June-Aug)%: 40

Fall (Sept-Nov)%: 40

Material	Material Action	Throughput	X Units
Hot Mix Asphalt	Produced	0	TONS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
Total of Chargable Pollutants							0.	TONS	

- **Process & Emissions Detail**

Name: HMA Production RUO

Source Classification Code (SCC): 3-05-002-53

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

Schedule Trade Secret:

Hours Per Day: 10

Days Per Week: 6

Weeks Per Year: 34

Hours Per Year: 2040

Winter (Dec - Feb)%: 0

Spring (March-May)%: 20

Summer (June-Aug)%: 40

Fall (Sept-Nov)%: 40

Material	Material Action	Throughput	X Units
Hot Mix Asphalt	Produced	106,602	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: STACK TEST			0	0.29	0.29	TONS	
NOx - Nitrogen Oxides	NOX	X emissions: STACK TEST			0	1.89	1.89	TONS	
Organic Compounds	OC	X emissions: STACK TEST			0.85	2.08	2.93	TONS	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0.00005	5E-05	TONS	
PE (Filt) - Primary PM, Filterable	PM-FIL	X emissions: STACK TEST			2.67	0.49	3.16	TONS	

Portion Only									
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10- FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONS	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25- FIL	emissions: ENG. JUDGEMENT			0	0	0.	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: STACK TEST			0.13	16.89	17.02	TONS	
Total of Chargable Pollutants							8.27005	TONS	