

SMTV FER/EIS Emissions Report (186472) for 2009
ALLIED CORPORATION PLANT 76
0664005005
April 13, 2010

2009 Emissions Summary Report : 186472

Jun 1 2010, 12:22:18

- 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.	18.36	18.36	TONS
NOx - Nitrogen Oxides	NOX	X	0.	12.83	12.83	TONS
Organic Compounds	OC	X	4.93	7.1	12.03	TONS
Pb - Lead	7439921	X	0.	0.00466	0.00466	TONS
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	26.23	3.69	29.92	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		0.79	37.35	38.14	TONS
Total of Chargable Pollutants					73.1447	TONS

- Attachments

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
2009 Annual Emissions Calculations for Allied Corporation Plant #76	Annual Summary of Emissions	X		

- Notes

User Name	Date	Note
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Emission Units Without Detailed Emissions

Jun 1 2010, 12:22:18

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.	10.66	0.	0.	0.	0.	0.
P902	3-05-002-60											
P902	3-05-002-57	0.	18.36	12.83	12.03	0.00466	19.26	0.	0.	0.	0.	38.14
P902	3-05-002-63											
Total		0.	18.36	12.83	12.03	0.00466	29.92	0.	0.	0.	0.	38.14

Emission Unit Summary: F001

Jun 1 2010, 12:22:18

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	10.66	0	10.66	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					10.66	TONS	

- Processes

- Process & Emissions Detail

Name: F001-0-TEMP

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	621,538	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			10.66	0	10.66	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							10.66	TONS	

Emission Unit Summary: P902

Jun 1 2010, 12:22:18

Emissions Unit ID: P902

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	18.36	18.36	TONS	
NOx - Nitrogen Oxides	NOX	X	0	12.83	12.83	TONS	
Organic Compounds	OC	X	4.93	7.10	12.03	TONS	
Pb - Lead	7439921	X	0	0.00466	0.00466	TONS	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	15.57	3.69	19.26	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		0.79	37.35	38.14	TONS	
Total of Chargable Pollutants					62.4847	TONS	

- Processes

- Process & Emissions Detail

Name: HMA Production #2

Source Classification Code (SCC): 3-05-002-60

- 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	Units	Explanation
Total of Chargable Pollutants							0.	TONS	

- **Process & Emissions Detail**

Name: HMA Production NG

Source Classification Code (SCC): 3-05-002-57

- **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	621,538	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	18.36	18.36	TONS	
NOx - Nitrogen Oxides	NOX	X	emissions: STACK TEST			0	12.83	12.83	TONS	
Organic Compounds	OC	X	emissions: STACK TEST			4.93	7.10	12.03	TONS	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0.00466	0.00466	TONS	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: STACK TEST			15.57	3.69	19.26	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: STACK TEST			0.79	37.35	38.14	TONS	
Total of Chargable Pollutants								62.4847	TONS	

- **Process & Emissions Detail**

Name: HMA Production RUO

Source Classification Code (SCC): 3-05-002-63

- **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	Units	Explanation
Total of Chargable Pollutants							0.	TONS	