

Florida Department of Environmental Protection
ARM Inspection Report

ARMS ID No. 930007	Owner/Company Name: TARMAC FLORIDA	Inspection Date: 9/5/07
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Site Name: TARMAC/OKEECHOBEE/NE 3RD AVE	County: OKEECHOBEE
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Permit No(s). 0930007004AG	Expiration Date: February 27, 2011	Type: AG
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Facility Contact Name: Mike Lopez, plant manager Kelly Folsom	Title: Environmental Engineer	Phone: 954-242-0183
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Emissions Unit(s):	Compliance Status:
001 Cement Silo w/ Baghouse	MNC
011 Pencan Silo (Central Dust Collector)	IN

Field Observations:

- ① Arrived on site at 9:00 AM to observe UE tests. No visible emissions were observed from the central dust collector or batching operation. Kelly Folsom of Tarmac also observed the test. The dust collector was the only unit tested.
- ② The plant grounds were mostly dry. A backhoe loading aggregate materials to the hopper loader caused dust emissions/clouds that rose above the height of the backhoe.
- ③ Visible emissions were observed blowing out of a weld seam on the bottom NW corner of the slag silo during silo filling at 10 psi. The plant manager, Mike Lopez, sprayed water on the seam to prevent the emissions.
- ④ Requested to see operations & maintenance plan that was to have been a model for each of the general permit plants owned by Tarmac in the SE district. Neither Mr. Lopez nor Mr. Folsom knew of such a plan, but they were aware of it and showed me a permit manual & inspection equipment manual. The plan is a requirement of the consent order for all general permit Tarmac plants in the SE District, OBC # 06-1059. Mr. Lopez stated the previous plant manager may have had a copy of the plan.
- ⑤ A method of UE observation was not made by the Department for the dust emissions coming from the

Note:
Also observed dust emissions from slag silo vent during filling at 10 psi.

Inspector's Name	Signature:	Date:
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SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME			
Tarmac America, LLC			9/5/07				9:40 AM		9:52 AM			
ADDRESS			SEC	MIN	SEC	MIN	SEC	MIN	SEC	MIN	SEC	
710 NE 3rd Ave, Okeechobee			0	15	30	45	0	15	30	45		
CITY	STATE	ZIP	1	2	3	4	5	6	7	8		
Okeechobee	FL	34972	0	0	0	0	0	0	0	0		
PHONE	SOURCE ID NUMBER		9	10	11	12	13	14	15	16		
561-504-6787	0930007		0	0	0	0	0	0	0	0		
PROCESS EQUIPMENT	OPERATING MODE	17	18	19	20	21	22	23	24	25		
Fill Slag silo	10-7 PSI	0	0	0	0	0	0	0	0	0		
CONTROL EQUIPMENT	OPERATING MODE	26	27	28	29	30	31	32	33	34		
Central Dust Collection	Normal	0	0	0	0	0	0	0	0	0		
DESCRIBE EMISSION POINT			35	36	37	38	39	40	41	42		
START Screened outlet STOP screened outlet			0	0	0	0	0	0	0	0		
HEIGHT ABOVE GROUND LEVEL	HEIGHT RELATIVE TO OBSERVER	43	44	45	46	47	48	49	50	51		
START 20' STOP 20'	START 20' STOP 20'	0	0	0	0	0	0	0	0	0		
DISTANCE FROM OBSERVER	DIRECTION FROM OBSERVER	52	53	54	55	56	57	58	59	60		
START 50' STOP 50'	START 30° STOP 30°	0	0	0	0	0	0	0	0	0		
DESCRIBE EMISSIONS			13	14	15	16	17	18	19	20		
START None	STOP None	0	0	0	0	0	0	0	0	0		
EMISSION COLOR	PLUME TYPE	21	22	23	24	25	26	27	28	29		
N/A	CONTINUOUS <input type="checkbox"/>	0	0	0	0	0	0	0	0	0		
START	FUGITIVE <input type="checkbox"/>	30	31	32	33	34	35	36	37	38		
STOP	INTERMITTENT <input type="checkbox"/>	0	0	0	0	0	0	0	0	0		
WATER DROPLETS PRESENT	IF WATER DROPLET PLUME	39	40	41	42	43	44	45	46	47		
NO <input type="checkbox"/> YES <input type="checkbox"/>	ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>	0	0	0	0	0	0	0	0	0		
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			48	49	50	51	52	53	54	55		
START 1' above outlet	STOP 1' above outlet	0	0	0	0	0	0	0	0	0		
DESCRIBE BACKGROUND			56	57	58	59	60	61	62	63		
START Sky	STOP Sky	0	0	0	0	0	0	0	0	0		
BACKGROUND COLOR	SKY CONDITIONS	64	65	66	67	68	69	70	71	72		
START Blue	STOP Blue	0	0	0	0	0	0	0	0	0		
STOP Blue	START Clear	STOP Clear	0	0	0	0	0	0	0	0		
WIND SPEED	WIND DIRECTION	73	74	75	76	77	78	79	80	81		
START 3-5	STOP 3-5	START SSE	STOP SSE	0	0	0	0	0	0	0		
AMBIENT TEMP.	WET BULB TEMP.	RH. percent	82	83	84	85	86	87	88	89		
START 83°	STOP 83°	—	—	—	—	—	—	—	—	—		

Source Layout Sketch Draw North Arrow

Sun → Wind →
Plume and Stack

X Emission Point

Observers Position

140°
Sun Location Line

AVERAGE OPACITY FOR HIGHEST PERIOD: N/A

RANGE OF OPACITY READINGS: MINIMUM N/A, MAXIMUM N/A

NUMBER OF READINGS ABOVE % WERE: N/A

OBSERVER'S NAME (PRINT): Allen Rainey

OBSERVER'S SIGNATURE: *Allen Rainey*

DATE: 9/5/07

ORGANIZATION: SE District DEP

CERTIFIED BY: ETA

DATE: 7/11/07

VERIFIED BY: _____

DATE: _____

COMMENTS: Offloaded ~ 26 tons of Slag

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE: _____

TITLE: _____

DATE: _____



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME <i>Tarmac America, LLC</i>		OBSERVATION DATE <i>9/5/07</i>		START TIME <i>9:56 AM</i>		STOP TIME <i>10:04</i>			
ADDRESS <i>710 NE 3rd Ave, Okeechobee</i>		CITY <i>Okeechobee</i>		STATE <i>FL</i>		ZIP <i>34972</i>			
PHONE <i>561-504-6787</i>		SOURCE ID NUMBER <i>093007</i>		PROCESS EQUIPMENT <i>Batching</i>		OPERATING MODE <i>Normal 7-8</i>			
CONTROL EQUIPMENT <i>central dust collection</i>		OPERATING MODE <i>Normal</i>		DESCRIBE EMISSION POINT <i>START Batch outlet STOP Batch outlet</i>		HEIGHT ABOVE GROUND LEVEL <i>START 10' STOP 10'</i>			
DISTANCE FROM OBSERVER <i>START 50' STOP 50'</i>		DIRECTION FROM OBSERVER <i>START 30° STOP 50°</i>		DESCRIBE EMISSIONS <i>START None STOP None</i>		EMISSION COLOR <i>START N/A STOP N/A</i>			
WATER DROPLETS PRESENT <i>NO [] YES [] N/A</i>		IF WATER DROPLET PLUME ATTACHED <i>ATTACHED [] DETACHED [] N/A</i>		POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED <i>START outside Batcher STOP outside Batcher</i>		DESCRIBE BACKGROUND <i>START SKY STOP Sky</i>			
BACKGROUND COLOR <i>START Blue STOP Blue</i>		SKY CONDITIONS <i>START clear STOP clear</i>		WIND SPEED <i>START 5-10 STOP 5-10</i>		WIND DIRECTION <i>START SSE STOP SSE</i>			
AMBIENT TEMP. <i>START 83° STOP 83°</i>		WET BULB TEMP. <i>—</i>		RH, percent <i>—</i>		SOURCE LAYOUT SKETCH			
<p>Source Layout Sketch Draw North Arrow</p>		AVERAGE OPACITY FOR HIGHEST PERIOD <i>N/A</i>		NUMBER OF READINGS ABOVE % WERE <i>N/A</i>		RANGE OF OPACITY READINGS MINIMUM <i>N/A</i> MAXIMUM			
		OBSERVER'S NAME (PRINT) <i>Allen Raney</i>		OBSERVER'S SIGNATURE <i>Allen Raney</i>		DATE <i>9/5/07</i>			
		COMMENTS <i>Offloaded ~ 26 tons of slag</i>		ORGANIZATION <i>SE District DEP</i>		CERTIFIED BY <i>ETA</i>		DATE <i>9/14/07</i>	
		I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE		VERIFIED BY <i>—</i>		DATE <i>—</i>		TITLE <i>—</i>	
		DATE <i>—</i>		DATE <i>—</i>		DATE <i>—</i>		DATE <i>—</i>	

Stop 10:04

truck #2 Start 10:07

Stop 10:13