

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Self Initiated Inspection

*FY 2016 Insp*

U82160029032996

FACILITY: Shama Enterprises, Inc. - Firebird Gas Station		SRN / ID: U821600290
LOCATION: 6425 Telegraph Road		DISTRICT: Detroit
CITY: Dearborn Heights		COUNTY: WAYNE
CONTACT: <i>[Signature]</i>		ACTIVITY DATE: 01/28/2016
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: FY 2016 inspection of the Gasoline Trailer (Royal Oil and Gas) and Gas Station (Shama Enterprises, Inc. - Firebird Gas Station)		
RESOLVED COMPLAINTS:		

*U-82-16-00290-SAR-2016 01 28*

File: Gas Stations  
Rules 336.1627, 336.1606 & 336.1703

Subject to: Area NESHAP / MACT 6C, 40 CFR, Part 63, Subpart CCCCCC—National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities (GDF). National Emission Standards for Hazardous Air Pollutants for Source Categories: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities; and Gasoline Dispensing Facilities, Page 1916, Federal Register / Vol. 73, No. 7 / Thursday, January 10, 2008 / Rules and Regulations/ Final rule. Amended at 73 FR 12276, March 7, 2008; 73 FR 35944, June 25, 2008; 76 FR 4181, January 24, 2011.

Page 12275 Federal Register / Vol. 73, No. 46 / Friday, March 7, 2008 / Rules and Regulations / Final rule; correction

Page 35939, Federal Register /Vol. 73, No. 123 /Wednesday, June 25, 2008 /Rules and Regulations / Direct final rule. amendments for GDF MACT 6C that EPA promulgated on January 10, 2008, and amended on March 7, 2008.

Page 4156, Federal Register / Vol. 76, No. 15 / Monday, January 24, 2011 / Rules and Regulations/ Final rule/; amendments for GDF MACT 6C that EPA promulgated on January 10, 2008, and amended on March 7, 2008.

The NESHAP / MACT is for each GDF that is located at an area source. The affected source includes each gasoline cargo tank during the delivery of product to a GDF and also includes each storage tank. AQD has decided not to take delegation of these standards and therefore no attempt has been made to evaluate the gas station's compliance with NESHAP / MACT 6C.

Terminal:

NA

Transporter:

Royal Oil and Gas  
1710 Hilton Road  
Ferndale, Michigan 48220  
Phone: NA

Gasoline Trailer License No.: D109064 Michigan  
Trailer No.: 2014

Driver: Mr. Martin Halagarda (DOB: 10/18/1972); Supervisor: NA

Gasoline Delivery at:

Shama Enterprises, Inc. - Firebird Gas Station (U-82-16-00290)  
6425 Telegraph Road  
Dearborn Heights, Michigan 48127-2249

Phone: 313-561-6704 Asif Raza, Manager

On December 28, 2015, I conducted a level 2 self-initiated inspection of the above Gasoline Trailer. The inspection was conducted to determine compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451 and Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) administrative rules (Rules 336.1627 & 336.1606 / 336.1703).

During the inspection, the truck driver, assisted me.

Any existing gasoline tank (placed into operation before 07/01/79) shall comply with the requirements of Rule 606 (R336.1606). Any new gasoline tank (placed into operation on or after 07/01/79) shall comply with the requirements of Rule 703 (R336.1703). Both rules require a permanent submerged fill pipe, an interlocking system and a vapor balance system subject to throughput and capacity conditions described in the rules.

When I arrived at the site in Dearborn Heights, the loading of the gas station's underground tank was in progress; Premium was completed and Regular (Octane 87) was in progress.

**Co-axial (NOT Two-point or Dual-point)** vapor and liquid lines connections were used. One liquid line and one vapor line were connected. The product was dropped to two tanks: one at a time, one after the other (Premium first, which I did not observe and Regular later, which I observed). I observed only Regular (Octane 87) product dropping.

**Vapor manifold:** Manifold vapor line. Using co-axial connections Regular and Premium products were dropped; one product after the other, i.e. one at a time.

**Vapor balance system:** Vapor balance system was connected properly.

The driver first connected vapor line (2-inch diameter), which was connected to a vapor manifold, and then liquid (gasoline, 4-inch diameter line) line before loading the underground tank. When a vapor balance system is connected properly, gasoline vapors from a gas station tank are expected to transfer to a trailer tank and not to ambient air; the trailer tank is expected to return vapors to a gasoline storage and distribution terminal.

**Spill containment / spill bucket:** Two spill buckets had gasoline spilled into them (each 50% full with gasoline). I verified that liquid was gasoline using a dip stick. The driver cleaned up spilled gasoline using containers Asif Raza gave. I observed spill clean-up operation by the driver using containers.

**Submerged fill pipe:** As in most gas stations, submerged fill pipe was present. I did confirm a submerged fill pipe going all the way down to the bottom of the tank when the liquid line was disconnected.

**Rule 627:** Pursuant to Rule 336.1627, vacuum / pressure (US EPA RM 27) test was conducted. The driver did have a Rule 627 test results report. The Rule 336.1627 test was performed on July 9, 2015, at Tank Truck Service and Sales, Inc. (Phone: NA), 25150 Dequindre Road, Warren, Michigan 48091.

## Conclusion

Rule 627 Vacuum / Pressure test results were present on the truck. Vapor balance system was operated properly. Vapor lines were connected to a vapor manifold. Spill containments (2) had gasoline spilled into them (50% full) and the driver promptly cleaned up.

NAME: Blenneshall DATE: 01/15/2016 SUPERVISOR: CJE