

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

FY 2015 Insp-

U6310011428689

FACILITY: Costco Gas Station		SRN / ID: U63100114
LOCATION: 3000 Commerce Crossing (14 Mile / M5), Commerce Township		DISTRICT: Southeast Michigan
CITY: Commerce Township		COUNTY: OAKLAND
CONTACT:		ACTIVITY DATE: 02/06/2015
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: FY 2015 Inspection: Gasoline Trailer License No.: D0451198 Michigan, Trailer No.: 181, at Costco Gas Station (U-63-10-0114)		
RESOLVED COMPLAINTS:		

U-63-10-0114 - SAR-2015 02 06

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 evaluate the gas station's compliance with NESHAP / MACT 6C.

Terminal:

NA

Transporter:

Brenner Transport
12948 Quincy St.
Holland, Michigan 49423

Phone: 616-399-9742; 616-638-1871 (supervisor Sikora)

Brenner Transport
22100 Huron Township Court
New Boston, MI 48164
Phone: 734-753-4426

**Gasoline Trailer License No.: D0451198 Michigan
Trailer No.: 181**

Driver: Mr. Shilby Wayne Turner (DOB: 05/14/1959)

Gasoline Delivery at:

Costco Gas Station (U-63-10-0114)
3000 Commerce Crossing (14 Mile / M5)
Commerce Township, Michigan 48390
Phone: (248) 529-2300)

On February 06, 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, Mr. Shilby Wayne Turner, a truck driver, assisted me.

When I arrived at the site in Commerce Twp., the loading of the gas station tank (dropping a load) was in progress.

Two-point (Dual-point) vapor and liquid lines connections were used. Both liquid and vapor connections were made properly.

Vapor manifold: Manifold vapor line for simultaneous loading of multiple tanks. Gasoline was dropped simultaneously to two underground tanks.

Vapor balance system: During gasoline loading, the vapor balance system was operated properly. 2-inch diameter vapor lines and 4-inch diameter liquid lines were connected (dual-point). Gasoline was dropped simultaneously to two underground tanks.

Loading by gravity flow, simultaneously using two vapor lines (2-inch diameter gasoline vapor) to a common manifold and two liquid lines (4-inch diameter liquid gasoline line).

Spill containment / spill bucket: No spills occurred. All buckets were empty allowing them to operate properly when accidental spill occurs. Costco performs good job.

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 lines were disconnected.

Rule 627: Pursuant to Rule 336.1627, vacuum / pressure (US EPA RM 27) test was conducted. The driver did have the current Rule 627 test results. The Rule 336.1627 test was performed on April 08, 2014, 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 were dry with neither gasoline spills nor water due to either rain or snow.

NAME Bille Nemahalt

DATE 3/04/2015

SUPERVISOR CJE