

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

Facility : Metavation Vassar, LLC		SRN : B2043
Location : 700 E. Huron Ave.		District : Saginaw Bay
		County : TUSCOLA
City : VASSAR	State: MI Zip Code : 48768	Compliance Status : Non Compliance
Source Class : MAJOR	Staff : Kathy Brewer	
FCE Begin Date : 1/1/2012	FCE Completion Date :	9/27/2013
Comments : Fugitive emissions from Cupola		

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
09/26/2013	ROP Semi 1 Cert	Compliance	Metallic scrap, binder formulation, & mercury switch removal management practices followed. No reported CAM monitor downtime or excursion/exceedance reported
09/26/2013	CAM Excursions/Exceedances	Compliance	No reported CAM monitor downtime or excursion/exceedance reported
09/26/2013	CAM monitor downtime	Compliance	No reported CAM monitor downtime or excursion/exceedance reported
09/26/2013	Stack Test	Pending	TPU review needed. Lead, PM10, & PM2.5 limits are Test Protocol based. PM & HAPS limits from MACT ZZZZZ are based on tons metal charged & Test Protocol. Manganese values are 12 month rolling based. If facility operated @ allowed 6064 hours 2.8 tpy emitted. Limit is 1.0 tpy.
09/26/2013	MACT (Part 63)	Compliance	Metallic scrap, binder formulation, & mercury switch removal management practices followed.
07/23/2013	Stack Test Observation	Non Compliance	Cupola stack test Day one - PM, CO; day two metals. VE readings both days found fugitive emissions from cupola & from shakeout in violation.
07/15/2013	MAERS	Compliance	Failed then resubmitted on July 12. Audit complete July 15

Activity Date	Activity Type	Compliance Status	Comments
06/20/2013	ROP Other	Pending	EUCUPOLA stack test required by 7/4/13, needs to be postponed until 7/23/13 due to fan motor breakdown on hot blast unit. Test could have proceeded but not under conditions representative of normal fuel, coke, and fan operation
06/20/2013	Scheduled Inspection	Pending	Determine compliance w/MI-ROP-B2043-2004 & MACT ZZZZZ. Facility not operating due to broken pour line chain. Records review found facility in compliance. Will complete site evaluation during stack test scheduled for 7/23-24/2013.
06/20/2013	ROP Annual Cert	Compliance	VE's not conducted due to intermittent operations. Replaced Cupola in December 2012
06/19/2013	ROP SEMI 2 CERT	Compliance	VE's not conducted due to intermittent operations. Cupola replaced December 2012
06/19/2013	CAM Excursions/Exceedances	Compliance	No CAM excursions/exceedances reported
06/19/2013	CAM monitor downtime	Compliance	No CAM monitor downtime reported
08/14/2012	Meeting Notes	Compliance	EPA introductions - EPA inspection
05/30/2012	Telephone Notes	Pending	Phone discussion concerning air curtain installation on cupola in response to LOV
02/16/2012	Self Initiated Inspection	Pending	Meeting with Metavation staff to discuss AQD monitoring unit discovery of manganese spikes at Vassar air monitor.
02/03/2012	Telephone Notes	Non Compliance	Discussions of control device problems and monitor results showing elevated manganese.
02/02/2012	Self Initiated Inspection	Non Compliance	Noted control device ductwork tears, opacity issues.

Name:

Katz

Date:

9/22/13

Supervisor:

C. Hare