

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Post Foods	SRN : B1548
Location : 275 Cliff Street	District : Kalamazoo
	County : CALHOUN
City : BATTLE CREEK State: MI Zip Code : 49014	Compliance Status : Compliance
Source Class : MAJOR	Staff : Monica Brothers
FCE Begin Date : 7/1/2020	FCE Completion Date : 5/25/2022
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
05/25/2022	On-site Inspection	Compliance	Unannounced scheduled inspection
04/04/2022	ROP Annual Cert	Compliance	The facility reports ten deviations for this reporting period. See semi-annual certification 1 and 2 for details.
04/04/2022	ROP SEMI 2 CERT	Compliance	The facility reports four deviations. The facility reported one deviation for the flexible group FG2983CoatOxdOn oxidizer. They reported 1 malfunction for the reporting period, which resulted in 0.75 hours of downtime, and 0.01 tons of additional VOC emissions. There was one deviation reported for each of FG-17-20-32Cereal, FG-477_Coating, and FGBLD-29Cereal. Corrective actions were taken in each circumstance.
04/04/2022	CAM Excursions/Exceedances	Compliance	All CAM and non-CAM stack inspections were completed.

Activity Date	Activity Type	Compliance Status	Comments
09/24/2021	ROP Semi 1 Cert	Compliance	The facility reports six deviations. The facility reported one deviation for the flexible group FG2983CoatOxdOn oxidizer. They reported 2 malfunctions for the reporting period, which resulted in 10.5 hours of downtime, and 0.18 tons of additional VOC emissions. There were two deviations reported for FGCAM_UNITS and three deviations for FG-477_Coating. Corrective actions were taken in each circumstance.
09/24/2021	CAM Excursions/Exceedances	Compliance	All non-CAM stack inspections were completed. All CAM stack inspections were completed except for those mentioned on the Deviation Report. When inspecting CAM and non-CAM stacks, no visible emissions were found.
05/19/2021	MAERS	Compliance	2020 MAERS Report Submitted on 3/11-21, along with supporting documentation. MAERS Audit passed on 5-19-21.
05/07/2021	ROP Annual Cert	Compliance	The facility reports nine deviations for this reporting period. See semi-annual certification 1 and 2 for details.

05/07/2021	ROP SEMI 2 CERT	Compliance	<p>The facility reports six deviations for the reporting period. The facility reported one deviation for the flexible group FG2983CoatOxdOn oxidizer. They reported 6 malfunctions for the reporting period, which resulted in 17.75 hours of downtime, and 0.3 tons of additional VOC emissions. They also reported a deviation for FG-29Cereal that occurred on 7-20-2020. Visible emissions were discharging from EU2922. The primary fan and the discharge airlock for the East Aerodyne were off but the roof secondary fan was still running. The Aerodyne was turned on from the 5th floor which allowed the airlock to turn on and empty the Aerodyne. The Aerodyne was cleaned and restarted with all the appropriate fans and airlocks running. They also reported a deviation for FGBLD-4Rice/Bran that occurred on 7-21-2020. Visible emissions were discharging from EU427. Particulates bridged over the Aerodyne's airlock causing the unit to fill and eventually discharge particulate emissions. The unit was cleaned out and restarted. No visible emissions were observed after start up. Another deviation was reported for FG-477_Coating, which occurred on 8-21-2020. Visible emissions were discharging from EU433. The Aerodyne plugged with cereal particulates. Moisture is suspected to be the cause of the plug. The unit was cleaned out and was successfully restarted. Another deviation was reported for FG-17-20-32Cereal, which occurred on 8-25-2020. Visible emissions were discharging from EU32115. There is a screen in the ductwork between the wet rotoclone and the extruder that prevents cereal from being pulled up and into the wet rotoclone. The screen was not installed. Maintenance replaced the screen which resolved the issue. The last deviation was for FG-17-20-32Cereal, which occurred on 11-29-2020. Visible emissions were discharging from EU2091. The Trimer wet scrubber was plugged causing the emissions. It was discovered that</p>
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05/07/2021	ROP SEMI 2 CERT	Compliance	a valve failed, so the unit could not release the dirty water. The valve was repaired, correcting the problem.
05/07/2021	CAM Excursions/Exceedances	Compliance	All CAM and non-CAM stack inspections were completed.
09/18/2020	CAM Excursions/Exceedances	Compliance	All CAM and non-CAM stack inspections were completed.
09/14/2020	ROP Semi 1 Cert	Compliance	The facility reported three deviations for this reporting period. The facility reported one deviation for the flexible group FG2983CoatOxdOn oxidizer. They reported 5 malfunctions for the reporting period, which resulted in 12.5 hours of downtime, and 0.22 tons of additional VOC emissions. They also reported a deviation for FG-17-20-32Cereal. Trimer water level was too high, which caused water to spray from the stack carrying food particles. Pipe fitters lowered the water level. They also flushed the Trimer. Operators cleaned the roof as soon as the unit was fixed. This event lasted for 0.75 hours. They also reported a deviation for FGBLD-29Cereal. The East Aerodyne was turned off, resulting in particulate emissions for 0.5 hours. The sanitation operator turned the Aerodyne back on, which resolved the problem.
08/17/2020	Stack Test	Compliance	Stack Test Results for oxidizer. Results show compliance with ROP limits.
07/24/2020	ROP Tech Review Notes		ROP Technical Review Notes
07/17/2020	Other Non ROP	Compliance	PTI # 38-20: Notification of equipment previously controlled by Wet Rotoclone 487 has been moved to be controlled by existing Wet Scrubber 488
07/14/2020	Scheduled Inspection	Compliance	Announced scheduled inspection

Name: Monica Brothers Date: 9/21/22

Supervisor:  9/22/22