

Notice: Section NR 439.03(4), Wis. Adm. Code, contains various requirements for an owner or operator of a source to report to the department by the next business day any deviation from permit requirements and certain malfunctions or other unscheduled events at the source that were not reported in advance to the department. You may use this form to submit your Deviation Report. Use of this Form is voluntary. Please note that Deviation Reports must be signed by a responsible official, as defined in NR 400.02(136), Wis. Adm. Code. Personally identifiable information collected on this Form may be provided to requesters as required by Wisconsin's Open Records law (ss. 19.31-19.39, Wis. Stats.).

Facility Name: XYZ Corporation	Facility Identification No. (FID): 555555550
Permit No. and Condition(s) Affected: Permit 555555550-P20 Condition I.X.1.a.(1)	Permit Process No./Unit Description: P84, C33
Start/Stop Time(s) of Deviation/Malfunction: 07/07/15 from 3:12 am to 3:29am [17 minutes]	Pollutants Affected (and estimate of excess emissions emitted with basis/calculations of estimate): VOC

Description of Deviation/Malfunction:
Wet Scrubber C33 controls emissions from 4 Isocure Core Machines (P84). The pH of the scrubber liquid is required to be maintained at 5 or less. The pH alarm sounded at 3:12 am. The pH reached 5.2 before the system was shut down.

Cause(s) of Deviation/Malfunction:
A recently hired employee was operating the system and was unaware that standard operating procedure requires the scrubber liquid to be changed out soon after the pH reaches 4.0 because the pH can climb from 4.0 to 5.0 fairly rapidly.

Method Used to Determine Deviation/Malfunction:
Continuous pH monitor with alarm set at 5.0.

Corrective Action(s) taken during the period of deviation/malfunction to address problem and minimize emissions (including when they were taken and the period of time necessary to correct the deviation/malfunction):
When the pH alarm sounded at 3:12 am the operator contacted his supervisor, who instructed the operator to shut down the system. The system was shut down at 3:29am. Maintenance changed out the scrubber liquid and the system was put back into service at 6:30am.

Status of Operation:
The system is back in operation with a pH of 0.5.

Measures Taken During and After Deviation/Malfunction To Prevent Re-Occurrence:
The alarm system was re-programmed to sound the alarm at a pH of 4.5. Employee training will be scheduled for all employees that operate equipment associated with acid scrubbers

Was the facility's Malfunction Prevention and Abatement Plan revised (please provide if revised)? Yes No
The MPAP was revised to reflect the updated pH alarm set point. A copy of the revised MPAP is attached.

Certification

Based on information and belief formed after reasonable inquiry, I certify that the statements and information in this document are true, accurate and complete.

Report prepared by: John Doe, Environmental Manager

Signature of Responsible Official	Title Plant Manager	Date
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