

Gilliam, Allen

From: Exley, Aaron [NMCA-MEN] <aaron.exley@nidec-motor.com>
Sent: Thursday, September 29, 2011 10:38 AM
To: Gilliam, Allen
Cc: mary timmons; Mike Spencer (menawwtp@centurytel.net); 'Denise.Georgiou@CH2M.com'
Subject: RE: AR0036692_Nidec's (ARP000026) Sept 2011 Notification of Process Change Reply_20110929
Attachments: Water Treatment Update to Allen Gilliam 9-29-2011.pdf

Mr. Gilliam,

Here is the update to Nidec's process narrative on our waste water. I will include the notes on the pollution prevention activities on our October DMR report in section B.

Aaron Exley
Environmental Health and Safety Manager
Nidec Motor Corporation
500 N. Morrow St.
Mena, AR 71953
479-394-8741

From: Gilliam, Allen [<mailto:GILLIAM@adeq.state.ar.us>]
Sent: Monday, September 26, 2011 3:22 PM
To: Exley, Aaron [NMCA-MEN]
Cc: mary timmons; Mike Spencer (menawwtp@centurytel.net); 'Denise.Georgiou@CH2M.com'
Subject: AR0036692_Nidec's (ARP000026) Sept 2011 Notification of Process Change Reply_20110929

Aaron,

Thank you for notifying ADEQ of your process change/upgrade per 40 CFR 403.12(j), "Notification of changed Discharge. All Industrial Users shall promptly notify [ADEQ] in advance of any substantial change in the volume or character of pollutants in their Discharge..."

This upgrade appears to be a pollution prevention (P2) activity (source reduction, water and energy conservation) and should be documented along with your other ongoing P2 practices.

Your process narrative, and wastewater flow schematic (with legend) should be updated to reflect this equipment change with the revision date noted on the document. I believe it is #3 ("OSI Parts Washer") encircled on your last process schematic on file (sent via e-mail on 9/23/11) and #3 on your process description narrative that would need to be revised.

Please include regulated process wastewater flowlines with directional arrows all the way to the final sampling point also.

Thank you for your continued cooperation in remaining compliant with the Federal Pretreatment Regulations in 40 CFR 403.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: Mary Timmons, Mena General Manager/Mike Spencer, W.W. Plant Supervisor/Denise Georgiou, CH2M Consultant

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From: Exley, Aaron [NMCA-MEN] [<mailto:aaron.exley@nidec-motor.com>]

Sent: Tuesday, September 20, 2011 3:06 PM

To: Gilliam, Allen

Cc: Mary Timmons

Subject: OSI Washer

Dear Mr. Gilliam,

We are in the process of decommissioning our OSI washer in Building 2. This is the process that we dipped our large Titan Motor parts in for washing. The process held 9000 gallons of wash and rinse water. We have installed a new cabinet washer that uses an impingement process through spray nozzles and holds about 1000 gallons of wash water and 200 gallons of rinse water. The new process doesn't require the chemical concentrations required with the dip systems, uses less water and less natural gas for heating the water. The old system was cleaned two times annually and ran through our waste water treatment system (18,000 Gallons), the new system should only require cleaning 6 times a year (7200 gallons). We will test the first batch with a full set of analytical data so we are sure everything is within our permit limits. We expect the results to be similar to our Nema washer which is also an impingement process. The same chemicals are used and the parts haven't changed.

Please let me know if there is any other information you would like on this process change.

Aaron Exley
Environmental Health and Safety Manager
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