COMPLAINT RECORD

FACILITY: AQ Fac. 82-01-017 (00-TV-017) FILE: Nichols Aluminum Casting AQ

DATE PENDING ____ X ____ COMPLETED

DATE COMPLAINT IS RECEIVED: 05/03/2012 COMPLAINT No. 5/12-03

RECEIVED BY: STAFF INITIALS RDS FIELD OFFICE No. 6 OR CENTRAL OFFICE ____

COMPLAINANT:

NAME: Anonymous PHONE: ____

ADDRESS: ____ COUNTY: ____

CITY: ____ ZIP CODE: ____

COMPLAINT AGAINST:

NAME: Nichols Aluminum Castings (Brian McCabe - Fac. Env. Contact) PHONE: 563-888-9625

ADDRESS: 1725 Rockingham Road COUNTY: Scott

CITY: Davenport ZIP CODE: 52808

PROGRAM AREA:

- ☐ WASTEWATER
- ☐ WATER SUPPLY
- ☒ AIR QUALITY
- ☐ ANIMAL OPERATION (OPEN LOT)
- ☐ FLOODPLAIN
- ☐ LUST/UST
- ☐ STORMWATER
- ☐ ANIMAL OPERATION (CONFINEMENT)
- ☐ SOLID WASTE

STATEMENT OF COMPLAINT: The complainant indicated that Nichols Al Castings is deviating from standard practices and violating the NESHAP/MACT Standards. Facility management was notified, but current deviating practices are continuing. Air Quality Violations are not being reported. The building is full of smoke and blowing out doors, vents and can be seen from Hwy 22.

REFERRED TO: Kent

BY: James DATE: 5/3/12

IF COMPLAINT IS AFO RELATED:

COUNTY OFFICIAL CONTACTED: ____ **DATE:** ____ **PHONE:** ____

ACTION/RESOLUTION AND DATES:

5-14-12 Didn't have time to enter facility but did drive past a few times + sat out front of plant observing the stacks - no VE's noted between 1:50 + 2:30 pm. 6/11/12 spoke to Brian McCabe via phone call. He said they still document MACT Compliance via computer systems. Brian + I agreed I'd stop over to go through records later this week or next.

6-14-12 met Brian McCabe, Division Facilities Mgr, David Westlund, Division Env Tech + Mark Donovan, pollution Control Mobile Supervisor. Discussed LOTS of TV + MACT requirements + how they comply w/ the large sets of requirements. Observed their primary "MACT computer" that documents BF Leak Detection + Furnace After burner temps. Brian is going to summarize all we discussed in email No MACT violations noted. NFA. will notify Brian that case is closed.

FILENAME

Nichols Casting MACT Overview - Message (HTML)

Message

Reply | Reply to All | Forward | Delete | Move to Folder | Create Rule | Other Actions | Block Sender | Safe Lists | Categorize | Follow Up | Mark as Unread | Find | Related | Select

Respond | Actions | Junk E-mail | Options | Find

From: McCabe, Brian [Brian.McCabe@quanex.com]
To: Levetzow, Kurt [DNR]
Cc: Westlund, David
Subject: Nichols Casting MACT Overview
Sent: Thu 6/21/2012 1:35 PM

Kurt,

Per our discussion last week, here is a quick summary of our Secondary Aluminum MACT sources/control equipment/monitoring for our secondary aluminum casting facility in Davenport. I put the information in a table format because it seems easier to understand. My initial attempt at a written explanation was turning into a convoluted mess.

NESHAP Source	NESHAP Pollutants	Control Device	Compliance Monitoring
Shredder	PM, Opacity	Shredder Baghouse	- Continuous Bag Leak Detectors (MACT Parameter Monitoring System)
Delaquering Kiln	PM, HCl, D/F, THC	Fuller Baghouse	- Continuous Bag Leak Detectors - Continuous Baghouse Inlet Temp - Continuous Delaq Exhaust Temp Parameter Monitoring System) (MACT
Melting Furnace 3 Sidewells (Group 1)	PM, HCl, D/F		
Melting Furnace 1 Sidewells (Group 1)	PM, HCl, D/F	Mikropul Baghouse	- Continuous Bag Leak Detectors - Continuous Baghouse Inlet Temp - Continuous Delaq Exhaust Temp Continuous Lime Injection Rate (MACT Parameter Monitoring System)
Melting Furnace 2 Sidewells (Group 1)	PM, HCl, D/F		
Holding Furnace 1 (Group 1)	PM, HCl, D/F		
Holding Furnace 2 (Group 1)	PM, HCl, D/F		
Rotary Barrel Furnaces 1 & 2 (Group 1)	PM, HCl, D/F	Wheelabrator Baghouse	- Continuous Bag Leak Detectors - Continuous Baghouse Inlet Temp (MACT Parameter Monitoring System)

There used to be a Dross Cooler was removed from operation and the permit over 5 years ago.
The reactive fluxing (chlorine) degasser was removed in 2011.

Let me know if you need any more information.

NICHOLS ALUMINUM

1:06 PM
6/25/2012