



March 8, 2021

Mr. Jorge Acevedo
Senior Environmental Engineer
Air Quality Division
Department of Environmental Quality
Cadillac Place
3058 West Grand Boulevard, Suite 2-300
Detroit, Michigan 48202-6058
(313) 418-0187

RE: 2/19/21 Violation Notice

Dear Mr. Acevedo,

On **Thursday, October 1, 2020**, you conducted an inspection of our facility, Metropolitan Alloys Corporation located at 17385 Ryan Road, Detroit, Michigan to determine if we are in compliance with the requirements of the Federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules; and the conditions to Permit to Install (PTI) number 30-08B.

With the original permit 30-08B we did not think we would exceed the allowable amount of flux used in **#30 Furnace which is 60 lbs. per batch, & #80 Furnace, which is 90 lbs. per batch.**

You noted that on the spreadsheets I sent, detailing the outputs over 12 month rolling periods for furnaces #50, #30, #80., #90 and #100. It should also be noted that we only use flux in furnaces #30, #80 and #90 furnaces (We did not operate the #90 Furnace & the #100 Furnace during this period.)

There were several occasions during July 2019 through December 2020 that we exceeded the amount of flux used, with the highest amount used in both the #30 furnace & #80 furnace of 125 lbs

The dates these violations occurred are as follows:

In 2020: 7/8/20, 7/14/20, 7/18/20, 7/23/20, 7/30/20,
8/6/20, 8/8/20, 8/14/20, 8/21/20, 8/24/20, 8/27/20, 9/3/20, 9/4/20, 9/10/20, 9/14/20,
9/25/20.

In 2021: 2/16/21 & 2/24/21



These violations are not ongoing.

Corrective actions:

- 1) We did not know that the flux we had been using that was supplied to us was not the correct flux to use in molten zinc. After we investigated why we were using so much flux, we found that the flux recommended was not for low temperature metal. We went to another flux supplier, who gave us the proper low temperature flux and we have been using it since late last year.

- 2) Attached, is the recommended amount of flux usage for molten zinc by Amcor the producer of the flux. We would like to apply for a new permit with the proper amount of flux per 1,000 lbs. of zinc for each of our furnaces, so that we are in compliance with the new permit.

As always, we very much appreciate your help and guidance in helping us to achieve the level of compliance we need to attain. We continue to look forward to working closely with you in the future.

Take Care and Stay Safe,

A handwritten signature in blue ink, which appears to read "Henry A. Szybowicz". The signature is written in a cursive style and is positioned above a horizontal blue line.

Henry A. Szybowicz
Safety & Quality Manager

Henry Szybowicz

From: Katherine Rhinehart <krhinehart@amcor-usa.com>
Sent: Thursday, March 11, 2021 6:33 PM
To: Henry Szybowicz
Subject: RE: ZEP-35
Attachments: ZEP-35.pdf

Hi Henry,

It was nice talking with you. I've attached our product sheet for ZEP-35 that includes a summary of usage instructions. We typically recommend using 3 lbs flux per 1,000 lbs metal to be treated.

Please let me know if you have any more questions, or if you'd like to jump on another call to discuss anything in more detail.

Have a nice evening.

Katherine Rhinehart
Operations Manager
American Metal Chemical Corporation
3546 South Morgan Street, Chicago, IL 60609
Office: 773.254.1818 x 113



From: Katherine Rhinehart
Sent: Thursday, March 11, 2021 3:52 PM
To: hszybowicz@metroalloys.com
Subject: ZEP-35

Hi Henry,

I tried leaving you a voicemail but I thought I would send you a quick message. I understand from Desiree that you're looking to discuss our ZEP-35 product. Please give me a call when you have some time to discuss, my cell is 303-501-6650.

I look forward to speaking with you.

Regards,

Katherine Rhinehart
Operations Manager
American Metal Chemical Corporation
3546 South Morgan Street, Chicago, IL 60609
Office: 773.254.1818 x 113