



March 27, 2018

Twin City Fan Company, Ltd.
Attn: Joe Johnson - Plant Manager
9105 North Zenith
Davenport, IA 52806

RE: Air Quality compliance visit (Air Quality Facility ID# 82-01-067)

Dear Mr. Johnson:

On March 15, 2018, Kurt Levetzow and I visited the Twin City Fan Company to conduct an air quality compliance visit. We learned that the company had moved from 944 Farragut Street, Davenport to 9105 North Zenith, Davenport approximately four years ago. The current location once was owned by ALCOA as a research and development site. The purpose of this visit was to observe equipment with atmospheric discharge, discuss air quality construction permitting (and small unit exemptions). Twin City Fan Company is a small aluminum foundry, which utilizes clean aluminum ingots for casting production. You were our primary contact throughout the course of the visit.

During the compliance visit, the facility was operating. During the facility walk-through, we looked at three Torit Donaldson Dust Collectors which vented inside, that were utilized for grinding and finishing operations for casted products. We observed three melt furnaces that vent indoors. Two of the melt furnaces are electrical powered and are 1200 lb and 2300 lb capacity in size, in which both vent indoors. The third melt furnace is a natural gas powered and is 1000 lb capacity sized, which also vents indoors. We observed a storage container with a bin vent that stores black sand material for the casting molds, the bin vent vents inside. Mr. Johnson showed us a cartridge filter with an outside discharge, which is no longer utilized since the facility does not utilize silica material for the manufacturing of fan products.

Since the silica cartridge filter with an atmospheric discharge is no longer utilized, then you need to submit a letter to our office by April 30th, 2018 indicating your plans for this piece of air quality control equipment. Your letter could include for example that the cartridge filter system has been permanently disabled from service or that you have plans to move the equipment to another site.

Your cooperation and assistance in completing this evaluation was appreciated. If you have any questions or would like further explanation of any part of this letter, please contact me at 319-653-2135.

Sincerely,
FIELD SERVICES & COMPLIANCE BUREAU

Ryan Stouder
Environmental Specialist

N/Shared/Rstoude/AQ 2018 Insp/Twin City Fan Company AQ letter 031518

xc: DNR - AQB

Twin City Holland AQ File