



City of Cleveland
Frank G. Jackson, Mayor

Department of Public Health
Division of Air Quality
1925 St. Clair Avenue
Cleveland, Ohio 44114-2080
216/664-2297 • Fax: 216/420-8047
www.clevelandhealth.org

SERVING OHIO EPA AS AGENCY 13
FOR CUYAHOGA COUNTY

CERTIFIED MAIL 70022030000118077934
RETURN RECEIPT REQUESTED

October 19, 2009

Mr. Gary Calhoun, Compliance Officer
Alcon Industries, Inc.
7990 Baker Avenue
Cleveland, Ohio 44102

FACILITY ID: 13-18-00-7755
RECEIPT OF CORRECTIVE ACTION PLAN: AIR POLLUTION NUISANCE

Dear Mr. Calhoun:

On April 22, 2009, the Cleveland Division of Air Quality (CDAQ) issued a Notice of Violation requesting that Alcon Industries, Inc. (Alcon) adhere to their timeline for their December 8, 2008, corrective action plan that was updated April 6, 2009, and September 29, 2009, for air pollution nuisance. An update to the corrective action plan to CDAQ was to have been submitted by July 31, 2009. CDAQ is in receipt of a corrective action plan update dated July 30, 2009, but it was not received until October 1, 2009.

Alcon is still expected to comply with updating the progress on their corrective action plan no later than December 15, 2009. Failure to do so may result in referral to Ohio EPA or U.S. EPA for further enforcement action. Fulfillment of your commitments included in the corrective action plan and/or any modifications contained within this letter does not constitute a waiver of CDAQ's ability to refer this matter to Ohio EPA or U.S. EPA for further enforcement action. Please submit any future correspondence related to this matter to the following enforcement representative:

Linda Kimmy
Cleveland Division of Air Quality
75 Erievue Plaza 2nd Floor
Cleveland, Ohio 44114-1839

CDAQ issues this letter with Ohio EPA's concurrence and does not excuse any violations of local, state and federal laws or regulations regarding air pollution control. Violations of air pollution control laws may be pursued in local court or referred to Ohio EPA or U.S. EPA for further enforcement action. Should you have any questions, please call Linda Kimmy at 216-664-2985. All correspondence with

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MR. Gary Cathow, Compliance Officer
 ALCON INDUSTRIES, INC.
 7990 BAKER AVENUE
 CLEVELAND, OHIO 44102

2. Article Number

(Transfer from service label)

7002 2030 0001 1807 7934

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *J M Murphy* Agent Addressee

B. Received by (Printed Name)

J M MURPHY

C. Date of Delivery

D. Is delivery address different from item 1? YesIf YES, enter delivery address below: No

3. Service Type

 Certified Mail Express Mail Registered Return Receipt for Merchandise Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee)

 Yes



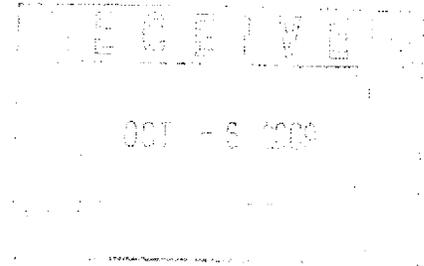
September 29, 2009

Ms. Linda Kimmy
Environmental Compliance Specialist
Ohio EPA - (Agency 13)
Cleveland Division of Air Quality
75 Erievue Plaza, 2nd Floor
Cleveland, Ohio 44114

ALCON
ALCON INDUSTRIES, INC.
7990 BAKER AVENUE
CLEVELAND OH 44102

Via Email: LKimmy@city.cleveland.oh.us

RE: Plan of Action Update – Nuisance Odors
Alcon Industries, Inc.
7990 Baker Avenue
Cleveland, Ohio 44102
Facility ID: 13-18-00-7755



Dear Ms. Kimmy:

On behalf of Alcon Industries, Inc. (Alcon) I am pleased to provide you with this update on progress we have made since our last communication to your office dated July 30, 2009. Prompted by nuisance odor complaints from its neighbors, Alcon identified seven actions to be taken in order to further address nuisance odors associated with manufacturing operations. The following provides an update on progress made on action item number seven (i.e., Financial Assistance - Engineering Control Equipment & Installation) on the list of seven action items identified in Alcon's plan of action contained in the letter to the Division of Air Quality (DAQ) dated December 9, 2008.

7. Financial Assistance - Engineering Control Equipment & Installation
Clean Air Resource Center (CARC) of the Ohio Air Quality Development Authority (OAQDA).

- Alcon completed the on-line registration and initially submitted the on-line letter of intent in order to determine if they qualify, and if so, what they qualifies for. Alcon followed up with the CARC and found that the registration did not work properly and the letter of intent was not successful either. Subsequently Alcon re-registered and is resubmitting a letter of intent with the CARC. Alcon anticipates feedback from the OAQDA on their letter of intent within approximately 30 to 60 days from

T 216.961.1100

F 216.961.5611

W www.alconind.com

September 29, 2009
Plan of Action Update
Alcon Industries, Inc.
Facility ID: 13-18-00-7755
Page 2



the date of this letter. Alcon will provide an update to the DAQ as soon as feedback is received from the CARC. At the latest Alcon will provide a progress update on or before November 30, 2009.

Please do not hesitate to contact me with any questions you may have about this response.

Sincerely,
Alcon Industries, Inc.

Gary Calhoun
Facilities / Compliance Manager

cc: Scott McCready, ATC Associates Inc.



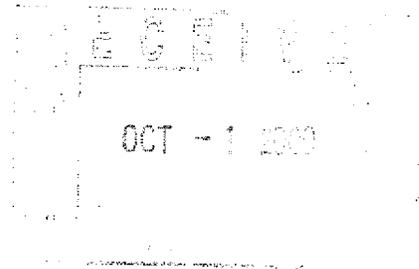
July 30, 2009

Ms. Valencia White
Field Enforcement Manager
Cleveland Department of Public Health
Division of Air Quality
75 Erieview Plaza, Suite 200
Cleveland, Ohio 44114-1839

ALCON

ALCON INDUSTRIES, INC.
7990 BAKER AVENUE
CLEVELAND OH 44102

**RE: Plan of Action Update – Nuisance Odors
Alcon Industries, Inc.
7990 Baker Avenue
Cleveland, Ohio 44102
Facility ID: 13-18-00-7755**



Dear Ms. White:

On behalf of Alcon Industries, Inc. (Alcon) I am pleased to provide you with this update on progress we have made since our last communication to your office dated May 7, 2009. Prompted by nuisance odor complaints from its neighbors, Alcon identified seven actions to be taken in order to further address nuisance odors associated with manufacturing operations.

The following provides an update on progress and determinations made to date relative to the seven action items identified in Alcon's plan of action contained in the letter to the Division of Air Quality (DAQ) dated December 9, 2008.

- 1. Begin Ongoing Community Outreach & Public Relations Activities**
The initial communication with the surrounding community was initiated in early January 2009.
Current Status: Complete
- 2. Odor Neutralizer Spray (EcoSorb)**
Alcon's review of EcoSorb as possible odor neutralizing agent began with meeting a meeting with representatives from ATC Associates Inc. (ATC) and OMI Industries (OMI) in October 2008. OMI also provided a proposed design & cost estimate in October 2008.
Cost Considerations: First year costs for equipment and product ranged from \$20,000 to \$25,000 with subsequent annual costs of \$12,000.

T 216.961.1100

F 216.961.5611

W www.alconind.com



Feasibility: Given the current cost constraints on the company, the ability of Alcon to pursue this option is tied to its ability to obtain financial support.

Current Status: Pending financial support determination associated with action item number 7 (see below).

3. Emissions Engineering Controls for Sand Molds

Alcon's review of possible air emissions control structures and technology for better controlling emissions from cooling sand molds began with an internal discussion and vendor identification process where two vendors were identified for further discussion. Alcon met with representatives from ATC and Cantonese Applied Technologies, LLC (CAT) in May 2009 to discuss possible emission control options. Alcon also solicited design and cost information from AER Control Systems (AER) on their emissions control equipment. CAT proposed construction of a room to house cooling sand molds where emissions could be collected and routed through a blower to a single stack. The CAT proposal also included the option for a scrubber. The AER system would consist of a mold cooling room, blower and stack as above with an optional activated carbon component.

Cost Considerations:

The following first year cost estimates include equipment purchase and installation of only and do not include operation and maintenance cost estimates.

CAT Option 1: Room, blower and stack	\$85,000
CAT Option 2: Room, blower, stack and scrubber	\$235,000
AER Option 1: Room, blower and stack	\$60,000
AER Option 2: Room, blower, stack and carbon unit	\$70,000

Feasibility: Given the current cost constraints on the company, the ability of Alcon to pursue this option is tied to its ability to obtain financial support.

Current Status: Pending financial support determination associated with action item number 7 (see below).

4. Metal Bottom Boards

Phasing out wooden bottom boards and using metal bottom boards was considered because the wooden boards can smolder on occasion and potentially contribute to mold emissions. After further consideration of this option, Alcon decided not to pursue this option further due to both the



infrequency of this occurrence and the insignificant contribution of emissions from bottom boards.

Current Status: Complete, No Further Action Contemplated.

5. No Bake Sand with Pre-Coated Odor Neutralizer

Alcon considered the possibility of purchasing an alternative no bake sand containing an odor neutralizer ingredient. This alternative sand was considered a possible option given its potential to address odors from cooling molds. Further evaluation of the cost for this product determined that the cost would be prohibitively high and would result in ongoing higher production costs putting Alcon at a competitive disadvantage in the marketplace.

Feasibility: Infeasible

Current Status: Complete, No Further Action Contemplated.

6. Compliance Assistance - Professional Assistance

Alcon researched the availability of professional and/or financial support for performing technical evaluation, developing design plans and plans for construction of engineering controls. Alcon found that the Ohio EPA's Office of Compliance Assistance & Pollution Prevention (OCAPP) provides free services to small companies such as filling out permit applications and evaluating operations for compliance with the regulations. OCAPP is a not a regulatory program at Ohio EPA and means that information obtained by the OCAPP is not shared with Ohio EPA inspection or enforcement staff. Services of the OCAPP is a not a regulatory program at Ohio EPA. This means that information obtained by the office is not shared with Ohio EPA inspection or enforcement staff. Services of the office include:

- Toll-free hotline
- On-site compliance and P2 assessments
- Compliance and P2 workshops/training
- Library of publications that explain requirements and P2 opportunities in plain English
- Quarterly newsletter
- Assistance in completing air permit application forms
- Alcon may take advantage of these services in the future but currently Alcon either has or has applied for the necessary permits with the CDAQ and Ohio EPA.



Alcon may take advantage of these services in the future but currently Alcon either has or has applied for the necessary permits with the CDAQ and Ohio EPA.

Alcon found that the Clean Air Resource Center (CARC) of the Ohio Air Quality Development Authority can provide financial assistance to companies that qualify. The CARC does not provide professional support. **Current Status:** Complete, No Further Action Contemplated.

7. Financial Assistance - Engineering Control Equipment & Installation

Alcon research availability of financial support for purchase and installation of engineering controls. Alcon has identified the CARC and the Ohio Department of Development Ohio Energy Office as possible resources. Alcon has contacted representative from both organizations and is exploring the possibility of receiving some kind of financial support from both of these sources.

- Ohio Department of Development (ODOD) Ohio Energy Office
 - On June 11, 2009 Alcon submitted a "Development Information Inventory" form to Ms. Patty Huddle, Business Development Manager for the Ohio Department of Development for review and consideration. The form contained an estimate for funding the purchase and installation of a mold cooling room and pollution control equipment.
 - Ms. Huddle provided information on programs that are offered and financial incentives for those programs. The programs and incentives targeted companies interested in pursuing energy efficiency improvements using alternative and renewable energy applications. Ms. Huddle referred Alcon to Mr. Anthony Sutor, Industrial Efficiency Lead for the Office of Energy for possible programs and incentives offered by his office.
 - On behalf of Alcon, on July 22, 2009 ATC submitted a "Customer Background" form to Mr. Sutor for review and evaluation of Alcon's current situation with respect to energy usage and also requested a meeting. Alcon is waiting to hear back from Mr. Sutor on whether Alcon qualifies for any program assistance in the area of energy efficiency and to possibly meet with their office to discuss this further.
- Clean Air Resource Center (CARC) of the Ohio Air Quality Development Authority (OAQDA)



- On behalf of Alcon, on April 9, 2009 ATC spoke with Mr. Todd Nein, Project Manager with the OAQDA. Mr. Nein mentioned that they do have programs for certain companies who qualify and mentioned that there are also creative financing options for company's that install alternative energy technology to help pay for air pollution control equipment. Mr. Nein referred ATC to Jennifer Huddle with ODOD and Ms. Adrienne LaFavre with Ohio EPA's OCAPP to find out more about their respective programs.
- On behalf of Alcon, on July 27, 2009 ATC spoke with Mr. Todd Nein and Ms. Tanya Pirasteh with OAQDA to determine the next steps to determine whether Alcon qualifies for any of their programs and if they do what their options are. According to Ms. Pirasteh, Alcon needs to complete the on-line registration and submit an electronic letter of intent which will prompt a review by the OAQDA.

Current Status and Next Steps: Alcon will complete the on-line registration and submit the letter of intent in order to determine if they qualify, and if so, what they qualifies for. Alcon plans to complete the on-line registration and submit the letter of intent within the next two weeks. Alcon anticipates a determination from the OAQDA on their letter of intent within approximately 30 to 60 days from the time of submission. Alcon will provide an update to the DAQ after receiving the determination from the OAQDA.

Please do not hesitate to contact me with any questions you may have about this response.

Sincerely,
Alcon Industries, Inc.

Gary Calhoun
Compliance Officer

cc: Scott McCready, ATC Associates Inc.

Linda Kimmey
Environmental Compliance Specialist
Ohio EPA – (Agency 13)
Cleveland Division of Air Quality
75 Erieview Plaza
2nd Floor
Cleveland, OH., 44114