



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 7002 2030 0001 1808 3812
RETURN RECEIPT REQUESTED**

6/13/2007

Dave Mackin, Plant Manager
Charter Steel
4300 E. 49th St.
Cuyahoga Heights, OH 44125

**HIGH PRIORITY FACILITY
EMISSIONS VIOLATION**

FACILITY ID: 13-18-17-1623

Notice of Violation: B008 emissions violation and Quarterly Deviation Reporting omissions for B008 and P047

Dear Mr. Macklin:

On 2/28/07, the Cleveland Division of Air Quality (CDAQ) inspected Charter Steel located at 4300 E. 49th St. in Cuyahoga Heights, OH. This letter serves as notification that you are operating sources in violation of the following applicable air statutes, air regulations, or air permit conditions.

B008, 28.576 mmBtu/hr natural gas boiler for the VOD system equipped with a low NOx burner: Ohio Administrative Code (OAC) Rule 3745-31-10 thru 20 stipulates multiple emission limitations for Particulate Emissions, Sulfur Dioxide, Carbon Monoxide, Organic Compounds, Nitrogen Oxides, and Volatile Organic Compounds (PE, SO₂, CO, OC, NO_x, and VOC respectively). Per permit-to-install (PTI) 13-04176 calculation methodology, all above listed emissions are found to be in exceedence of allowable permit levels and not properly reflected in Quarterly Deviation Reports. Currently, B008 is permitted as 25 mmBtu/hr, in 2006 Charter Steel modified the emissions unit to 28.576 mmBtu/hr. Accordingly, on 12/20/2006 Charter Steel submitted a PTI modification to note this difference. Note: compliance with emissions levels will be attained if/when the PTI modification request is approved, indicating appropriate allowable limits for the larger boiler that was installed.

P047, #4 natural gas fired tundish preheater rated at 12.0 mmBtu/hr: no Quarterly Deviation Reports submitted specific to this unit, although appropriate reporting was received for emissions units P032-P043 that are identical units covered under PTI 13-04176. This is a violation of PTI #13-04642 and Ohio Revised Code Section 3704.05(C).



Also, PTI 13-02840 that regulates emissions unit P029 needs to be modified due to the mistake made in the calculations methodology. When calculating the lbs/hr CO and NOx emissions using data provided by PTI 13-02840, Part III, A.V.1(b)(f), the actual emissions exceed the allowable by 0.03 lbs/hr for NOx and 0.01 lbs/hr for CO. An administrative modification to PTI 13-02840 needs to be made to rectify this issue.

Unless you undertake some type of corrective action with respect to the above noted violations, you will remain in non-compliance. CDAQ requests that Charter Steel submit a Corrective Action Plan to the following enforcement representative:

Dave DeChant
Cleveland Division of Air Quality
1925 St. Clair Avenue NE
Cleveland, Ohio 44114-2080

Your written response to this letter must be received by CDAQ within fourteen (14) days of your receipt of this letter. If there is insufficient time to correct the alleged violations within this timeframe, your response must include a timeline for correcting the alleged violations.

Facilities that want to investigate methods of pollution prevention to reduce raw material usage and waste production can contact the Ohio EPA Office of Compliance Assistance and Pollution Prevention (OCAPP). OCAPP can be contacted at <http://www.epa.state.oh.us/ocapp> or (614) 644-3469 or (800) 329-7518 and there is no charge for their services.

CDAQ issues this letter with Ohio EPA's concurrence. The failure to mention any specific violation 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 Dave DeChant at 216-664-3213. All correspondence with CDAQ must include the Ohio EPA facility identification number for Charter Steel: 13-18-17-1623.

Sincerely,

George Baker
Chief of Enforcement, CDAQ

GB/dd

cc: Tammy Bukach, Charter Steel
Dan Krieg, Haley & Aldrich
Richard Nemeth and Michael J. Krzywicki, CDAQ
John Paulian, Ohio EPA Central Office
Lisa Holscher, U.S. EPA Region V
Facility File and L: Data/Facilities/1318171623/2007-02-28 NOV