

# **Prevention of Significant Air Quality Deterioration Review**

## **Final Determination**

November 2008

Facility Name: Gerdau Ameristeel US, Inc. – Cartersville Steel Mill

City: Cartersville

County: Bartow

AIRS Number: 04-13-01500032

Application Number: 17915

Date Application Received: January 8, 2008



State of Georgia  
Department of Natural Resources  
Environmental Protection Division  
Air Protection Branch

Chuck Mueller – Acting Branch Chief, Air Protection Branch

Stationary Source Permitting Program

James A. Capp  
David M. Matos  
Renee C. Browne

Planning & Support Program

James Boylan  
Pete Courtney

## **BACKGROUND**

On January 4, 2008, Gerdau Ameristeel Cartersville Steel Mill (hereafter GACSM) submitted an application for an air quality permit to increase the stainless steel cast limit on the 4-Strand Caster (Source Code E03). The facility is located at 384 Old Grassdale Rd in Cartersville, Bartow County. The proposed project will increase the current limit on the 4-Strand Caster (Source Code E03) of 1.0 million tons per year of steel cast for any 12 consecutive months to a facility limit of stainless steel cast to 1.34 million tons per year for any 12 consecutive months to reflect 153 tons per hour production from the Electric Arc Furnace (EAF).

On September 30, 2008 the Division issued a Preliminary Determination stating that the modifications described in Application No. 17915 should be approved. The Preliminary Determination contained a draft Air Quality Permit for the construction and operation of the modified equipment.

The Division requested that GACSM place a public notice in a newspaper of general circulation in the area of the existing facility notifying the public of the proposed construction and providing the opportunity for written public comment. Such public notice was placed in *Daily Tribune News* (legal organ for Bartow County) on October 9, 2008. The public comment period expired on November 8, 2008.

There were no comments received from the U.S. EPA Region IV, the facility or the general public.

A copy of the final permit is included in Appendix A.

## EPD CHANGES

Page 8 of the Preliminary Determination is hereby updated to read as follows:

**“Applicability:** NESHAP Subpart ZZZZZ is not an applicable requirement for the Electric Arc Furnace because it is located at a source ~~since it~~ that is not a steel foundry rather it is a secondary steel production facility and is subject to 40 CFR 63, Subpart YYYYY.”

## **APPENDIX A**

### **AIR QUALITY PERMIT**

**3312-015-0032-V-04-2**