

# City of St. Louis

DEPARTMENT OF HEALTH  
AIR POLLUTION CONTROL PROGRAM  
1415 NORTH THIRTEENTH STREET  
ST. LOUIS, MISSOURI 63106-4424  
Office: (314) 613-7300 Fax: (314) 613-7275

Honorable Francis G. Slay  
Mayor  
William L. Kincade, MD, MPH  
Director of Health

Melba R. Moore, MS  
Commissioner of Health

## Source Registration Permit

Permit No.: SR00.045A

July 19, 2006

Facility Name: Grossman Iron & Steel Co.

Plant ID: 1169

Facility Address: 5 North Market

Category: C

Facility Contact: Cap Grossman

Phone Number: (314) 231-9423

Emission Unit(s) Description:      Quantity: 4

There are 4 processes that are potential air emission sources that are used to process scrap material into finished product. These are a shear, a baller, a screener and an evaporator.

### Potential Emissions of Unit(s):

<u>1.10</u> tons	<u>PM10</u>	<u>per year</u>	<u>          </u> tons	<u>          </u> per year
<u>11.54</u> tons	<u>VOCs</u>	<u>per year</u>	<u>          </u> tons	<u>          </u> per year
<u>          </u> tons	<u>          </u>	<u>per year</u>	<u>          </u> tons	<u>          </u> per year

### Limitations & Conditions:

- 1 The shearing operations shall be limited to no more than 306,600 tons of material in any consecutive 12-month period.
- 2 The evaporation process shall be limited to no more than 2000 gallons of residue in any consecutive 12-month period.
- 3 The screener shall be located at least 100 feet from the property boundaries of any public right of way while in operation.
- 4 Visible opacity from any of these operations shall be limited to less than 20% for a period in excess of 6 minutes in any consecutive 60 minute period. Any emissions in excess of 40% opacity, regardless of duration, are considered excessive emissions.
- 5 This permit shall supercede all limitations, conditions, operating procedures and record keeping as required by SR00.045.

### Operating Procedures:

- 1 Maintain a written Management Practice that describes how piles of dirt under the shear stacker conveyor and scrap stockpiles will be minimized.
- 2 Maintain a written Management Practice that describes how scrap stockpiles will be minimized.
- 3 Maintain an operator training program to instruct crane operators on procedures to reduce swing and height "throw" and "drop" distances.
- 4 Maintain a written Management Practice that describes the procedures to be used to water scrap stockpiles.
- 5 Maintain a written Management Practice that describes the procedures to be used to water and sweep onsite hardscaped surfaces on both first and second shifts.
- 6 Maintain a written Management Practice that describes the procedures to be used to water and sweep, on both first and second shifts, the portion of North Market Street that is immediately adjacent to the facility.

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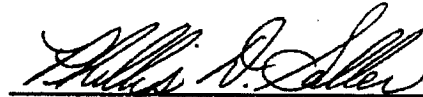
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### Record Keeping:

- 1 Records required here shall be kept for no less than 5 years.
- 2 Records of both shearing operations and the evaporation process throughputs shall be kept monthly, including a consecutive 12-month total.
- 3 Records of screener location shall be kept for each day of operation.
- 4 The permittee shall report and record any instances of exceedances of the permit limitations, including EPA Method 22 and/or EPA Method 9 observations.
- 5 Records of scrap pile watering activities shall be kept daily.
- 6 Records of hardscape and North Market Street watering and sweeping activities shall be kept daily.

Permit Engineer :



Air Pollution Engineer II

## Grossman Iron and Steel Co

### EPA Rulemakings

CFR: 40 C.F.R. 52.1320(d)  
FRM: 71 FR 70312 (12/4/06)  
PRM: 71 FR 70339 (12/4/06)  
State Submission: 10/18/06  
State Final: 9/28/06  
APDB File: MO-257; EPA-R07-OAR-2006-0925  
Description: EPA approved this Source Registration Permit which addresses fugitive particulate matter emissions control by incorporating operating procedures and record keeping requirements. These emissions controls were also contained in the facility's September 2004 compliance plan.

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### Difference Between the State and EPA-Approved Regulation

None.