



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachmann, Secretary

John Shearer, Assistant Secretary

## STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT

Mr. D. L. Meredith  
Plant Manager  
Florida Steel Corporation  
7105 6th Avenue  
P. O. Box 23328  
Tampa, Florida 33623

August 10, 1988

Enclosed is permit No. AC 29-149720, for Florida Steel Corporation, to construct a dust storage silo and associated retractable dust loading spout. This project is located at Florida Steel Corporation's existing facility in Tampa, Hillsborough County, Florida. This permit is issued pursuant to Section 403, Florida Statutes.

Any Party to this permit has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality Management

Copy furnished to:

B. Thomas, SW FL Dist.  
J. Campbell, HCEPC  
T. Sack, FSC  
R. Sholtes, Ph.D., P.E.  
B. Pittman, Esq., DER

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on August 12, 1988.

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to  
§120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

Martha J. Wise August 12, 1988  
Clerk Date

Final Determination

Florida Steel Corporation  
Hillsborough County  
Tampa, Florida

Construction Permit No. AC 29-149720

Florida Department of Environmental Regulation  
Bureau of Air Quality Management  
Central Air Permitting

August 4, 1988

## Final Determination

The construction permit application has been reviewed by the Department. Public Notice of the Department's Intent to Issue was published in The Tampa Tribune on July 15, 1988. The Technical Evaluation and Preliminary Determination were available for public inspection at the Hillsborough County Environmental Protection Commission office, the DER's Southwest Florida District office, and the DER's Bureau of Air Quality Management (BAQM) office.

A comment was received from Mr. Bill Thomas, with the BAQM, concerning the wording and intent of Specific Condition No. 7. Instead of attaching the construction permit (project) and its conditions to the operating permit, the suggestion was to incorporate the construction permit (project) and its conditions into the operating permit. Therefore, the following will be changed:

### Specific Conditions:

#### No. 7:

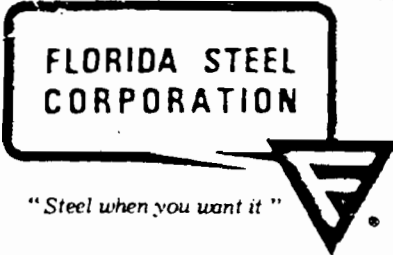
##### From:

This permit must be attached to the operating permit, No. AO 29-108747, and shall become a part of the permit.

##### To:

The construction permit (project) and its conditions, No. AC 29-149720, shall be incorporated into the operating permit, No. AO 29-108747, and shall become a part of the operating permit.

The Bureau will incorporate the change into the construction permit, No. AC 29-149720, as reflected above in the final determination. It is recommended that the construction permit, No. AC 29-149720, be issued as drafted, with the above revision incorporated.



BEST AVAILABLE COPY

Phone 813/251-8811

TAMPA STEEL MILL DIVISION  
7105 6TH AVENUE • P.O. BOX 23173 TAMPA, FL 33630

RECEIVED

JUL 21 1988

DER-BAQM

July 20, 1988

Mr. Bill Thomas  
State of Florida  
Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Subject: Proof of Publication of intent to issue permit for dust silo  
and loading spout. DER File No. AC 29-149720

Dear Bill,

Please find enclosed the original affidavit from the Tampa Tribune  
stating that the legal notice, regarding the above, was in the Friday,  
7/15/88 edition of the Tampa Tribune. Please accept this as proof of  
publication.

Please do not hesitate to call if you have any questions.

cc:DM  
LN  
R. Shaw  
R. Scholtes

Thomas J. Sack  
*[Signature]*  
Division Engineer

*copied: Bruce Mitchell  
B. Chomex, SW 517  
G. Campbell, HCEPC*

Published Daily  
Tampa, Hillsborough County, Florida

State of Florida  
County of Hillsborough

BEST AVAILABLE COPY

Before the undersigned authority personally appeared G. T. Gleason, who on oath says that he is Controller of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a

LEGAL NOTICE

NOTICE OF INTENT

in the matter of

was published in said newspaper in the issues of

July 15, 1988

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa, in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm, or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

*G. T. Gleason*

Sworn to and subscribed before me, this 15th day of July A.D. 1988

*Debra Lynne Bouchard*

Notary Public, State of Florida  
My Commission Expires Jan. 6, 1989  
Bonded Thru Troy Fain - Insurance, Inc.

(SEAL)

Notice of Intent  
The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to Florida Steel Corporation to construct a dust storage silo and associated retractable dust loading spout at its existing facility located in Tampa, Hillsborough County, Florida.  
The Department is issuing this intent to issue for the reasons stated in the Technical Evaluation and Preliminary Determination.  
Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative determination (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Department's Office of General Counsel 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period constitutes a waiver of any right such person has to request an administrative determination (hearing) under Section 120.57, Florida Statutes.  
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.  
The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:  
Dept. of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Blvd.  
Tampa, Florida 33610-7347  
Hillsborough County  
Environmental Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605  
Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments will be considered in the Department's final determination.  
5055 7/15/88



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

## PERMITTEE:

Florida Steel Corp.  
Tampa Mill Division  
7105 6th Avenue  
P. O. Box 23328  
Tampa, Florida 33623

Permit Number: AC 29-149720

Expiration Date: December 31, 1989

County: Hillsborough

Latitude/Longitude: 27° 57' 18"N

82° 22' 34"W

Project: Dust Storage Silo and  
Associated Retractable Loading Spout

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the construction/installation of a dust storage silo and an associated retractable loading spout to service the existing Nos. 2, 3, and 4 baghouse control systems. The control system for the dust storage silo and retractable loading spout will be the existing No. 2 baghouse. Dust will be conveyed from the baghouses into the silo via a pneumatic system using carrier air from a positive displacement blower rated at 320 cfm. The loading spout will gravity-feed the silo dust into trucks or rail-cars located inside a building through an inner tube, which is surrounded by a concentric outer tube, thus creating an annular area through which air is moved upward (with captured fugitive emissions created by the downcoming dust stream) by a blower rated at 1000 cfm.

The UTM coordinates are Zone 17, 364.63 km East and 3093.82 km North.

The Standard Industrial Codes are:

- o Industry No. 3312: Blast Furnaces, Steel Works and Rolling Mills.

The Standard Classification Codes are: Steel Foundry

- o Dust Storage Silo 3-04-007-99 (tons processed)
- o Loading Spout-fugitives 3-04-888-01 (tons product)

The project shall be in accordance with the permit application, plans, documents, amendments, and drawings, except as otherwise noted in the Specific Conditions.

ATTACHMENTS

AC 29-149720

Attachments to be Incorporated:

1. Mr. T. J. Sack's cover letter and application to construct air pollution source, DER Form 17-1.202(1), received May 13, 1988.
2. Mr. T. J. Sack's letter dated June 1, 1988, and received by HCEPC on June 6/ 1988.



PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the Department, may be used by the Department as evidence in any enforcement case arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- ( ) Compliance with New Source Performance Standards

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.

PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. Permitted annual hours of operation are 8760.
2. The maximum fill rate of the dust storage silo is 2,643 lbs/hr.
3. The maximum loading rate of the retractable dust loading spout is 540,000 lbs/hr.

PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

**SPECIFIC CONDITIONS:**

4. For nonattainment review purposes pursuant to FAC Rule 17-2.510, there will not be any potential and allowable particulate matter (PM) emission assigned to the dust storage silo and associated loading spout. Pursuant to operating permit, No. AO 29-108747, the allowable mass PM emissions will not be increased.

5. Any request to increase the PM allowable mass emissions (i.e., lbs/hr, TPY) related to the dust storage silo and associated loading spout, pursuant to operating permit No. AO 29-108747 and this permit, will require a permit application for a modification and the appropriate processing fee.

6. For the No. 2 baghouse control system servicing the dust storage silo and associated dust loading spout and based on the permittee's request, the emission limiting standards shall be in accordance with FAC Rule 17-2.650(2)(c)7.b.(ii).

7. The construction permit (project) and its conditions, No. AC 29-149720, shall be incorporated into the operating permit, No. AO 29-108747, and shall become a part of the operating permit.

8. Compliance tests shall be conducted on the No. 2 baghouse control system with all of its associated sources operating at a minimum of 90% of their maximum permitted rates using the following test methods pursuant to FAC Rule 17-2.700:

- a) EPA Method 5 - Determination of Particulate Emissions from Stationary Sources
- b) EPA Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources

9. Any change in the method of operation, raw materials and chemicals processed, equipment, or operating hours pursuant to FAC Rule 17-2.100(118), Modification, shall be submitted for approval to the DER's Bureau of Air Quality Management office, DER's Southwest District office, and the Hillsborough County Environmental Protection Commission office.

10. Objectionable odors shall not be allowed off plant property pursuant to FAC Rule 17-2.620(2).

11. The project shall comply with all applicable provisions of FAC Rules 17-2 and 17-4.

PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

**SPECIFIC CONDITIONS:**

12. The dust storage silo and associated dust loading spout are subject to the provisions of FAC Rules 17-2.240: Circumvention; 17-2.250: Excess Emissions; 17-4.130: Plant Operation-Problems; and, 17-4.140: Reports.

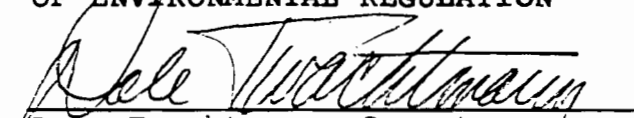
13. The DER's Southwest District office and HCEPC office shall be notified in writing 15 days prior to compliance testing and the reports are to be submitted to these offices 45 days after the last test run is completed.

14. The permittee must demonstrate compliance with the conditions of the construction permit and submit the compliance test results and the Certificate of Completion to the DER's Southwest District office and the HCEPC office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit in accordance with FAC Rules 17-2 and 17-4.

If the construction permit expires, then all activities at the project must cease and the permittee must apply for a new permit to construct pursuant to FAC Rule 17-4.

Issued this 5 day of August,  
1988.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
Dale Twachtmann, Secretary



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

July 7, 1988

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. D. L. Meredith  
Plant Manager  
Florida Steel Corp.  
7105 6th Avenue  
P. O. Box 23328  
Tampa, Florida 33623

Dear Mr. Meredith:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permit for Florida Steel Corporation to construct a dust storage silo and associated retractable dust loading spout. The project will occur at the applicant's existing facility located in Hillsborough County, Florida.

Please submit, in writing, any comments which you wish to have considered concerning the Department's proposed action to Mr. Bill Thomas of the Bureau of Air Quality Management.

Sincerely,

C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management

CHF/bm

Attachments

cc: B. Thomas, SW Florida District  
J. Campbell, HCEPC  
T. Sack, FSC  
R. Sholtes, Ph.D., P.E.  
B. Pittman, Esq., DER

BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of  
Application for Permit by:

Florida Steel Corporation  
P. O. Box 23328  
Tampa, Florida 33623

---

DER File No. AC 29-149720

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the applications specified above. The Department is issuing this Intent to Issue for the reasons stated in the attached Technical Evaluation and Preliminary Determination.

The applicant, Florida Steel Corporation, applied on May 13, 1988, to the Department of Environmental Regulation for a permit to construct a dust storage silo and associated retractable dust loading spout. The project will occur at the applicant's existing facility located in Hillsborough County, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that an air construction permit was needed for the proposed work.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, FAC, you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on permit applications. The notice must be published one time only in a section of a major local newspaper of general circulation in the county in which the project is located and within thirty (30) days from receipt of this intent. Proof of publication must be provided to the Department within seven days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S. A person whose substantial interests are affected by the



Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. Petitions must comply with the requirement of Florida Administrative Code Rules 17-103.155 and 28-5.201 (copy enclosed) and be filed with (received by) the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant must be filed within fourteen (14) days of receipt of this intent. Petitions filed by other persons must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this intent, whichever first occurs. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes, concerning the subject permit application. Petitions which are not filed in accordance with the above provisions will be dismissed.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION



---

C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management

Copies furnished to:

B. Thomas, SW FL District  
J. Campbell, HCEPC  
T. Sack, FSC  
R. Sholtes, Ph.D., P.E.  
B. Pittman, Esq., DER

State of Florida  
Department of Environmental Regulation  
Notice of Intent

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to Florida Steel Corporation to construct a dust storage silo and associated retractable dust loading spout at its existing facility located in Tampa, Hillsborough County, Florida.

The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative determination (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period constitutes a waiver of any right such person has to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dept. of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Blvd.  
Tampa, Florida 33610-7347

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on 7-7-88.

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to  
§120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

Martha J. Wise      7-7-88  
Clerk                                      Date

RULES OF THE ADMINISTRATIVE COMMISSION  
MODEL RULES OF PROCEDURE  
CHAPTER 28-5  
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
  - (a) The name and address of each agency affected and each agency's file or identification number, if known;
  - (b) The name and address of the petitioner or petitioners;
  - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
  - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
  - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
  - (f) A demand for the relief to which the petitioner deems himself entitled; and
  - (g) Such other information which the petitioner contends is material.

Technical Evaluation  
and  
Preliminary Determination

Florida Steel Corporation  
Hillsborough County  
Tampa, Florida

Construction Permit No. AC 29-149720

Florida Department of Environmental Regulation  
Bureau of Air Quality Management  
Central Air Permitting

July 7, 1988

## I. Application

### A. Applicant

Florida Steel Corporation  
Tampa Mill Division  
P. O. Box 23328  
Tampa, Florida 33623

### B. Project and Location

The applicant intends to install a new dust storage silo and associated retractable dust loading spout to serve three existing baghouse control systems (Nos. 2-4), which collect dust from the arc furnace operations. During operations, the displaced silo and loading spout air will be exhausted to the inlet of the existing No. 2 baghouse control system.

The project will occur at the applicant's existing facility located in Hillsborough County, Florida. The UTM coordinates are Zone 17, 364.63 km East and 3093.82 km North.

### C. Process and Controls

The collected electric arc furnace dust will be pneumatically conveyed and stored in the proposed new storage silo until it is loaded into either trucks or rail-car for shipment. The dust will be gravity fed into the trucks and rail-cars inside a building through a retractable loading spout, which is designed to control fugitive particulate matter (PM) emissions.

Since the existing No. 2 baghouse control system receives the exhausts from the proposed new storage silo and from the truck/rail-car loading spout, any changes in pollutant emissions will occur in the No. 2 baghouse control system. Due to the design displacement flow rates from the silo (320 cfm) and the truck/rail-car loading spout (1000 cfm), their effect on the No. 2 baghouse control system's flow rate (approximately 91,000 cfm) will be minimal.

The Standard Industrial Codes are:

- o Industry No. 3312: Blast Furnaces, Steel Works, and Rolling Mills

The Standard Classification Codes are: Steel Foundry

- o Dust Storage Silo 3-04-007-99 (tons processed)
- o Loading Spout-fugitives 3-04-888-01 (tons product)

## II. Rule Applicability

The project is subject to preconstruction review in accordance with Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 17-2 and 17-4.

The application package was deemed complete on May 13, 1988.

The existing facility is located in an area designated nonattainment for the pollutant particulate matter (PM) in accordance with FAC Rule 17-2.410(a)1.

Since the applicant did not request an increase in the allowable PM emissions associated with the existing baghouse control system (No. 2), there will not be any contemporaneous potential emission increase in PM. Therefore, the project is subject to review pursuant to FAC Rule 17-2.520, Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements.

The existing No. 2 baghouse control system is subject to RACT standards pursuant to FAC Rule 17-2.650(2)(c)7., as contained in operating permit No. AO 29-108747. The construction of the new dust storage silo and associated dust loading spout will not change the applicable standards contained in FAC Rule 17-2.650(2)(c)7.

The retractable dust loading spout for loading into trucks and rail-cars is subject to FAC Rule 17-2.650(2)(c)11. Since the existing No. 2 baghouse control system will be used to control fugitive PM emissions from this loading operation, the more stringent emission limiting standards pursuant to FAC Rules 17-2.650(2)(c)7 and 17-2.650(2)(c)11 will be imposed during operations. Therefore, and as requested by the applicant, FAC Rule 17-2.650(2)(c)7 will be imposed for all operations that are controlled by the existing No. 2 baghouse control system.

## III. Summary of Emissions

### A. Emission Limitations

Since there was not a request for any PM allowable emissions for the new dust storage silo and associated dust loading spout, then none will be assigned. Therefore, the operating permit, No. AO 29-108747, will be used to regulate PM and visible emissions (FAC Rule 17-2.650(2)(c)7) from the existing No. 2 baghouse control system.

### B. Air Quality Analysis

From a technical review of the application and supplementary material, an air quality analysis is not required.



#### IV. Conclusion

The emission limitations to be imposed have been determined to be in compliance with all applicable requirements of FAC Rule 17-2 and what was requested by the applicant. This permit must be attached to the operating permit, No. AO 29-108747, and will become a part of the permit.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all applicable air pollution regulations.



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

## PERMITTEE:

Florida Steel Corp.  
Tampa Mill Division  
7105 6th Avenue  
P. O. Box 23328  
Tampa, Florida 33623

Permit Number: AC 29-149720

Expiration Date: December 31, 1989

County: Hillsborough

Latitude/Longitude: 27° 57' 18"N

82° 22' 34"W

Project: Dust Storage Silo and  
Associated Retractable Loading Spout

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the construction/installation of a dust storage silo and an associated retractable loading spout to service the existing Nos. 2, 3, and 4 baghouse control systems. The control system for the dust storage silo and retractable loading spout will be the existing No. 2 baghouse. Dust will be conveyed from the baghouses into the silo via a pneumatic system using carrier air from a positive displacement blower rated at 320 cfm. The loading spout will gravity-feed the silo dust into trucks or rail-cars located inside a building through an inner tube, which is surrounded by a concentric outer tube, thus creating an annular area through which air is moved upward (with captured fugitive emissions created by the downcoming dust stream) by a blower rated at 1000 cfm.

The UTM coordinates are Zone 17, 364.63 km East and 3093.82 km North.

The Standard Industrial Codes are:

- o Industry No. 3312: Blast Furnaces, Steel Works and Rolling Mills.

The Standard Classification Codes are: Steel Foundry

- o Dust Storage Silo 3-04-007-99 (tons processed)
- o Loading Spout-fugitives 3-04-888-01 (tons product)

The project shall be in accordance with the permit application, plans, documents, amendments, and drawings, except as otherwise noted in the Specific Conditions.

ATTACHMENTS

AC 29-149720

Attachments to be Incorporated:

1. Mr. T. J. Sack's cover letter and application to construct air pollution source, DER Form 17-1.202(1), received May 13, 1988.
2. Mr. T. J. Sack's letter dated June 1, 1988, and received by HCEPC on June 6, 1988.

PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the Department, may be used by the Department as evidence in any enforcement case arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- ( ) Compliance with New Source Performance Standards

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.

PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. Permitted annual hours of operation are 8760.
2. The maximum fill rate of the dust storage silo is 2,643 lbs/hr.
3. The maximum loading rate of the retractable dust loading spout is 540,000 lbs/hr.

PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

**SPECIFIC CONDITIONS:**

4. For nonattainment review purposes pursuant to FAC Rule 17-2.510, there will not be any potential and allowable particulate matter (PM) emission assigned to the dust storage silo and associated loading spout. Pursuant to operating permit, No. AO 29-108747, the allowable mass PM emissions will not be increased.

5. Any request to increase the PM allowable mass emissions (i.e., lbs/hr, TPY) related to the dust storage silo and associated loading spout, pursuant to operating permit No. AO 29-108747 and this permit, will require a permit application for a modification and the appropriate processing fee.

6. For the No. 2 baghouse control system servicing the dust storage silo and associated dust loading spout and based on the permittee's request, the emission limiting standards shall be in accordance with FAC Rule 17-2.650(2)(c)7.b.(ii).

7. This permit must be attached to the operating permit, No. AC 29-108747, and shall become a part of the permit.

8. Compliance tests shall be conducted on the No. 2 baghouse control system with all of its associated sources operating at a minimum of 90% of their maximum permitted rates using the following test methods pursuant to FAC Rule 17-2.700:

a) EPA Method 5 - Determination of Particulate Emissions from Stationary Sources

b) EPA Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources

9. Any change in the method of operation, raw materials and chemicals processed, equipment, or operating hours pursuant to FAC Rule 17-2.100(118), Modification, shall be submitted for approval to the DER's Bureau of Air Quality Management office, DER's Southwest District office, and the Hillsborough County Environmental Protection Commission office.

10. Objectionable odors shall not be allowed off plant property pursuant to FAC Rule 17-2.620(2).

11. The project shall comply with all applicable provisions of FAC Rules 17-2 and 17-4.



PERMITTEE:  
Florida Steel Corp.

Permit Number: AC 29-149720  
Expiration Date: December 31, 1989

**SPECIFIC CONDITIONS:**

12. The dust storage silo and associated dust loading spout are subject to the provisions of FAC Rules 17-2.240: Circumvention; 17-2.250: Excess Emissions; 17-4.130: Plant Operation-Problems; and, 17-4.140: Reports.

13. The DER's Southwest District office and HCEPC office shall be notified in writing 15 days prior to compliance testing and the reports are to be submitted to these offices 45 days after the last test run is completed.

14. The permittee must demonstrate compliance with the conditions of the construction permit and submit the compliance test results and the Certificate of Completion to the DER's Southwest District office and the HCEPC office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit in accordance with FAC Rules 17-2 and 17-4.

If the construction permit expires, then all activities at the project must cease and the permittee must apply for a new permit to construct pursuant to FAC Rule 17-4.

Issued this \_\_\_\_\_ day of \_\_\_\_\_,  
1988.

**STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION**

---

Dale Twachtman, Secretary

ATTACHMENT 1

Available Upon Request.

ATTACHMENT 2

6-7-88  
Tampa, FL

Phone 813/621-3511



"Steel when you want it"

RECEIVED TAMPA STEEL MILL DIVISION  
105 6TH AVENUE • P. O. BOX 23328 • TAMPA, FL 33630

JUN 9 1988

RECEIVED

June 1, 1988

DER-BAQM

JUN 6 1988

E.P.C. OF H.C.  
AIR PROGRAM

Mr. Victor San Agustin  
Hillsborough County  
Environmental Protection commission  
1410 North 21st Street  
Tampa, Florida 33605

Subject: Additional Information for the Dust Handling Equipment Permit Application

Dear Victor:

As you requested on 6/01/88, the following information is provided:

The maximum fill rate of the silo is estimated to be 2,643 lbs/Hr. and is based on three compartments cleaning simultaneously.

The silo unloading rate is 540,000 lbs/hr. and is based on data from the loading spout manufacturer.

Please do not hesitate to call if you have any questions.

Sincerely,

FLORIDA STEEL CORPORATION

T. J. Sack  
Division Engineer

cc: D. Meredith  
L. Nieves  
R. Scholtes

B. Mitchell 6-9-88 RRM