

25Aug09

Mr. Syed Arif, P.E.  
Florida Department of Environmental Protection  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

RECEIVED

AUG 26 2009

BUREAU OF AIR REGULATION

Subj: Statement for removal of Brinks fan at B Sulfuric  
EUID 003

Dear Mr. Arif,

As per your request in response to our request for a determination that a permit is not required to remove the Brinks fan, please find attached the original Florida PE certified statement that, due to the installation of a new main blower, the Brinks fan is not necessary, and that removal of the Brinks fan will not increase emissions.

Please feel free to contact me at (813) 364-5753 if you have any questions.

Sincerely,



Ronald L. Brunk  
Superintendent, Environmental Affairs

cc: P. Raval, Koogler

August 21, 2009

Mr. Ron Brunk  
CF Industries, Inc.  
10608 Paul Buchman Hwy  
Plant City, FL 33565

Dear Ron:

CF Industries in Plant City, Florida, operates B Plant Sulfuric Acid Plant with a Brinks fan between the Ammonia Scrubber and Brinks Mist Eliminator Vessel. The purpose of the fan is to boost the flow of process gas through the Brinks Mist Eliminators and out the stack. CF has installed a new main air blower and the Brinks fan is not needed.

The purpose of this letter is to report that the removal of the Brinks fan will not result in additional acid mist, SO<sub>2</sub>, or NO<sub>X</sub> emissions.

Ron, should you have any questions, or if I can be of any assistance, please do not hesitate to call me.

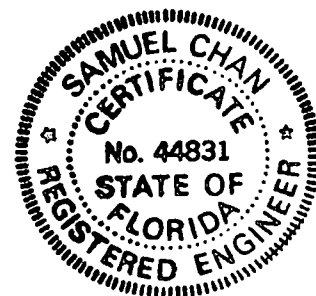
Sincerely,

*John R. Horne /jd*

John R. Horne  
Sales Director  
(314) 275-5812

JRH/jd

*Samuel Chan*



**61G15-22.013 Evaluation of Providers.**

(1) The Board, or its designee, reserves the right to evaluate continuing education courses or seminars offered to engineers for credit by the following methods:

(a) Observing such courses or seminars; and

(b) Reviewing the files of the provider to gain information about any course or seminar offered to professional engineers for credit.

(2) The Board shall not revoke the continuing education credit given to any professional engineer for completion of any continuing education course or seminar about which the professional engineer registers a complaint with the Board.

*Specific Authority 455.213(6), 455.2178, 455.2179, 471.008, 471.017(3), 471.019 FS. Law Implemented 455.213(6), 455.2177, 455.2178, 455.2179, 471.008, 471.017(3), 471.019 FS. History—New 9-16-01.*

**61G15-22.014 Duration of Provider Status.**

(1) Continuing education providers are approved only for the biennium during which they applied and must reapply for provider status at the beginning of each biennium. The biennium for continuing education providers ends on May 31st of each odd-numbered year.

(2) A provider must reapply for approval ninety (90) days prior to the date of expiration of provider status in order to prevent a lapse in provider status.

*Specific Authority 455.213(6), 455.2178, 455.2179, 471.008, 471.017(3), 471.019 FS. Law Implemented 455.213(6), 455.2177, 455.2178, 455.2179, 471.008, 471.017(3), 471.019 FS. History—New 9-16-01.*

**CHAPTER 61G15-23**

**SEALS**

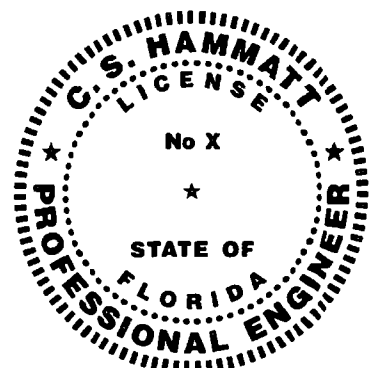
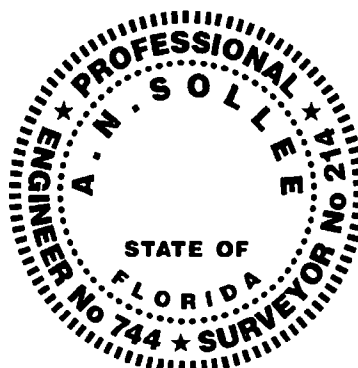
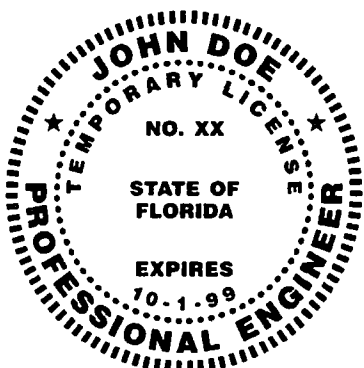
61G15-23.001 Seals Acceptable to the Board.

61G15-23.002 Seal, Signature and Date Shall Be Affixed.

61G15-23.003 Procedures for Signing and Sealing Electronically Transmitted Plans, Specifications, Reports or Other Documents.

**61G15-23.001 Seals Acceptable to the Board.**

(1) Pursuant to Section 471.025, F.S., the Board hereby establishes as indicated below the forms of embossing impression seals which are acceptable to the Board. Said seal shall be a minimum of 1 7/8 inches in diameter. All engineers must be utilizing a seal as illustrated in this rule no later than January 1, 2006.



(2) The type of seal in the center may be used only by registrants who are in good standing under both Chapters 471 and 472, F.S.

*Specific Authority 471.025 FS. Law Implemented 471.025 FS. History—New 1-8-80, Amended 6-23-80, Formerly 21H-23.01, 21H-23.001, Amended 4-1-97, 2-5-04, 8-8-05.*

**61G15-23.002 Seal, Signature and Date Shall Be Affixed.**

(1) A professional engineer shall sign by hand the licensee's handwritten signature (facsimiles are not acceptable) and affix the licensee's seal:

(a) To all final drawings, specifications, plans, reports, or documents prepared or issued by the licensee and being filed for public record; and

(b) To all final documents provided to the owner or the owner's representative;

(c) In addition, the date that the signature and seal is affixed as provided herein shall be entered on said plans, specifications, reports, or other documents immediately adjacent to the signature of the professional engineer.

(d) In order to comply with the requirements of this rule, a licensee is not required to seal, sign and date documents other than those referenced in paragraph (a) or (b). This provision does not obviate any requirement of any public entity or any provision of contract which may require the sealing, signing and dating of additional original documents.

(2)(a) Every sheet of plans and prints which must be sealed under the provisions of Chapter 471, F.S., shall be sealed, signed and dated by the professional engineer in responsible charge.

(b) When an engineer must seal, sign and date engineering specifications or calculations under the provisions of Section 471.025, F.S., and subsection (1) of this rule, an index sheet for engineering specifications and calculations may be used. The index sheet must be signed, sealed and dated by those professional engineers in responsible charge of the production and preparation of each section of the engineering specifications or calculations, with sufficient information on index sheet so that the user will be aware of each portion of the specifications or calculations for which each professional engineer is responsible. In addition, the index sheet shall include at a minimum:

1. The name, address and license number of each engineer in responsible charge of the production of any portion of the calculations or specifications.

2. Identification of the project, by address or by lot number, block number, section or subdivision and city or county.

3. Identification of the applicable building code and chapter(s) that the design is intended to meet.

4. Identification of any computer program used for engineering the specifications or calculations.

(c) Engineering reports which must be signed, sealed and dated under the provisions of Section 471.025, F.S., and subsection (1) of this rule shall be sealed, signed and dated by utilizing a signature page or cover letter that is sealed, signed and dated by each professional engineer who is in responsible charge of any portion of the report.

(3)(a) A title block shall be used on each sheet of plans or prints and shall contain the printed name, address, and license number of the engineer who has sealed, signed and dated the plans or prints.

(b) If the engineer sealing, signing and dating engineering plans or prints is practicing through a duly authorized engineering business, the title block required by paragraph (2)(a) shall contain the name, address and certificate of authorization number of the engineering business.

(c) If the licensee(s) sealing signing and dating engineering specifications, calculations or reports is practicing through a duly authorized engineering business, the name, address and certificate of authorization number of the engineering business shall be placed on the index sheet, signature page or cover letter incorporated into or accompanying all engineering specifications, calculations or reports.

(4) Engineers working for local, State or Federal Government agencies shall legibly indicate their name and license number, and shall indicate the name and address of the agency on all documents that are required to be sealed, signed and dated.

(5) A professional engineer may only seal an engineering report, plan, print or specification if that professional engineer was in responsible charge, as that term is defined in subsection 61G15-18.011(1), F.A.C., of the preparation and production of the engineering document and the professional engineer has the expertise in the engineering discipline used in producing the engineering document in question.

(6) A professional engineer shall not seal original documents made of mylar, linen, sepia or other materials which can be changed by the entity with whom such document(s) are filed unless the professional engineer accompanies such document(s) with a signed and sealed letter making the receiver aware that copies of the original document as designed by the professional engineer have been retained by the professional engineer and that the professional engineer will not be responsible for any subsequent changes to the reproducible original documents.

(7) A professional engineer shall not seal plans, reports or other documents which are not final documents unless the professional engineer clearly notes any limitations on the use of the documents or plans on the face of the documents or plans, by using terms such as "Preliminary," "For Review Only," "Not for Construction," or any other suitable statement which denotes that the documents are for limited use, are not final and are not intended for permit, construction, or bidding purposes.

(8) Engineers who wish to sign and seal electronically transmitted plans, specifications, reports, final bid documents, or other documents shall follow the procedures set forth in Rule 61G15-23.003, F.A.C.

*Rulemaking Authority 471.025 FS. Law Implemented 471.025 FS. History--New 1-8-80, Amended 1-20-85, Formerly 21H-23.02, Amended 5-14-86, Formerly 21H-23.002, Amended 11-15-94, 8-18-98, 2-3-00, 2-22-01, 2-5-04, 1-31-08, 5-6-09.*

#### **61G15-23.003 Procedures for Signing and Sealing Electronically Transmitted Plans, Specifications, Reports or Other Documents.**

(1) Engineering work which must be sealed under the provisions of Section 471.025, F.S., may be signed electronically or digitally as provided herein by the professional engineer in responsible charge. As used herein, the terms "digital signature" and "electronic signature" shall have the meanings ascribed to them in Sections 668.003(3) and (4), F.S. The affixing of a digital or electronic signature to engineering work as provided herein shall constitute the sealing of such work.

(a) A scanned image of an original signature shall not be used in lieu of a digital or electronic signature.

(b) The date that the electronic signature file was created or the digital signature was placed into the document must appear on the document in the same manner as date is required to be applied when a licensee uses the manual sealing procedure set out in Rule 61G15-23.002, F.A.C.

(2) A professional engineer utilizing a digital signature to seal engineering work shall assure that the digital signature is:

(a) Unique to the person using it;

(b) Capable of verification;

(c) Under the sole control of the person using it;

(d) Linked to a document in such a manner that the electronic signature is invalidated if any data in the document are changed.

(3) A professional engineer utilizing an electronic signature to seal engineering work shall create a "signature" file that contains the engineer's name and PE number, a brief overall description of the engineering documents, and a list of the electronic files to be sealed. Each file in the list shall be identified by its file name utilizing relative Uniform Resource Locators (URL) syntax described in the Internet Architecture Board's Request for Comments (RFC) 1738, December 1994, which is hereby adopted and incorporated by reference by the Board and can be obtained from the Internet Website: <http://ftp.isi.edu/in-notes/rfc1738.txt>. Each file shall have an authentication code defined as an SHA-1 message digest described in Federal Information Processing Standard Publication 180-1 "Secure Hash Standard," 1995 April 17, which is hereby adopted and incorporated by reference by the Board and can be obtained from the Internet Website: <http://www.itl.nist.gov/div897/pubs/fip180-1.htm>. The licenses shall then create a report that contains the engineer's name and PE number, a brief overall description of the engineering documents in question and the authentication code of the signature file. This report shall be printed and manually signed, dated, and sealed by the professional engineer in responsible charge. The signature file is defined as sealed if