



Joseph E. Kernan  
Governor

Lori F. Kaplan  
Commissioner

January 21, 2004

100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, Indiana 46206-6015  
(317) 232-8603  
(800) 451-6027  
[www.in.gov/idem](http://www.in.gov/idem)

TO: Interested Parties / Applicant  
RE: PQ Corporation / 019-18533-00018  
FROM: Paul Dubenetzky  
Chief, Permits Branch  
Office of Air Quality

### Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures  
FNPER-AM.dot 9/16/03

January 21, 2004

Mr. Joe Dotson  
PQ Corporation  
7<sup>th</sup> Street & Missouri Avenue  
Jeffersonville, Indiana 47130

Re: 019-18533-00018  
Third Administrative Amendment to  
Part 70 T 019-7718-00018

Dear Mr. Dotson:

PQ Corporation was issued a permit on March 28, 2002 for a stationary sodium silicate and sodium aluminosilicate manufacturing facility . A letter requesting a change of Responsible Official was received December 23, 2003. Pursuant to the provisions of 326 IAC 2-7-11(a)(2) the permit is hereby administratively amended as follows:

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

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The Permittee owns and operates a stationary sodium silicate and sodium aluminosilicate manufacturing facility.

Responsible Official:	<del>Walter Fasold</del> <b>Joe Dotson</b>
Source Address:	7 <sup>th</sup> Street and Missouri Avenue, Jeffersonville, Indiana 47130
Mailing Address:	P.O. Box 669, Jeffersonville, Indiana 47130
Source Phone Number:	(812) 288-7186
SIC Code:	2819
County Location:	Clark
Source Location Status:	Nonattainment for ozone Attainment for all other criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, under Emission Offset Rules; Major Source, Section 112 of the Clean Air Act 1 of 28 Source Categories

Mr. Joe Dotson, Manager of PQ U.S. Plant Operations replaces Mr. Walter Fasold as the Responsible official for PQ Corporation. Mr. Dotson meets the requirements of 326 IAC 2-7-1(34)(A)(v) as a Responsible Official.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment to the front of the original permit.

PQ Corporation  
Jeffersonville, IN 47130

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019-18533-00018

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Gary Freeman, of my staff, at 317-233-5334 or 1-800-451-6027, press 0 and ask for extension 3-5334.

Sincerely,

Original signed by  
Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments: Updated Pages  
PD/gkf

cc: File - Clark County  
Clark County Health Department  
Air Compliance Section - Ray Schick  
Compliance Data Section  
Permit Review Section 1 - Gary Freeman  
Air Programs - Chet Bohannon

# PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**PQ Corporation**  
**7<sup>th</sup> Street and Missouri Avenue**  
**Jeffersonville, Indiana 47130**

(Herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T019-7718-00018	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: March 28, 2002  Expiration Date: March 28, 2007

First Administrative Amendment 019-16660-00018, issued February 11, 2003

Second Administrative Amendment 019-17258-00018, issued June 30, 2002

Third Administrative Amendment: 019-18533-00018	Page Affected: 5
Issued by: Original signed by Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: January 21, 2004

## SECTION A

## SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

---

The Permittee owns and operates a stationary sodium silicate and sodium aluminosilicate manufacturing facility.

Responsible Official: Joe Dotson  
Source Address: 7<sup>th</sup> Street and Missouri Avenue, Jeffersonville, Indiana 47130  
Mailing Address: P.O. Box 669, Jeffersonville, Indiana 47130  
Source Phone Number: (812) 288-7186  
SIC Code: 2819  
County Location: Clark  
Source Location Status: Nonattainment for ozone  
Attainment for all other criteria pollutants  
Source Status: Part 70 Permit Program  
Minor Source, under Emission Offset Rules;  
Major Source, Section 112 of the Clean Air Act  
1 of 28 Source Categories

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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This stationary source consists of the following emission units and pollution control devices:

- (a) Two (2) fire tube boilers (SG-1001 and SG-1002), constructed in 1991, each rated at seventeen and five-tenths (17.5) million British thermal units (MMBtu) per hour and exhausting at one (1) stack, identified as S-2. The boilers are fired by natural gas, No. 2 fuel oil and No. 4 fuel oil.
- (b) One (1) natural gas-fired dryer, constructed in 1991, rated at ten (10) million British thermal units (MMBtu) per hour and exhausting through a baghouse separator at stack S-6. The dryer uses propane as a backup fuel. This dryer is an insignificant source when burning natural gas.
- (c) One (1) melting furnace with a maximum heat input capacity of 19.7 MMBtu per hour, fired by natural gas or fuel oil, and exhausting at stack S-1. The furnace is fired using natural gas, No. 2 fuel oil and No. 4 fuel oil. The furnace was constructed in 1938 and rebuilt in 1998 and 2003.
- (d) Material storage and handling facilities including:
  - (1) Aluminum trihydrate storage and transfer facilities consisting of one (1) pneumatic conveyor system equipped with a baghouse exhausting at stack S-3; one (1) 400 ton capacity storage silo equipped with a baghouse exhausting at stack S-4; and one (1) weigh bin with a maximum capacity of 12,580 pounds per hour equipped with a baghouse exhausting at stack S-5.