

502(b)(10) Permit for Part 70 Source

Permit Attachment No.: **2812-245-0017-V-03-1** Effective Date: **September 27, 2006**

Facility Name: **Olin Corporation**
2404 Doug Barnard Parkway
Augusta, Georgia 30906, Richmond County

Mailing Address: P. O. Box 1234
Augusta, Georgia 30903-1234

Parent/Holding Company: Olin corporation

Facility AIRS Number: 04-13-245-00017

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to or in effect under the Act, the Permittee described above is issued a SIP Construction and Operating Permit for:

Installation of a new HCl scrubber (Control Device ID: C10A) at the East HCl Plant and replacement of the existing scrubber (Control Device ID: C09A) at the West HCl Plant

This modification qualifies as a Section 502(b)(10) change to the Part 70 source in accordance with Georgia Air Quality Control Rule 391-3-1-.03(10)(b)(5).

This Permit is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted or in effect under that Act, or any other condition of this Permit and Permit No. 2812-245-0017-V-03-0-0. Unless modified or revoked, this Permit expires upon issuance of the next Part 70 Permit for this source.

This Permit may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in Application No. TV-15893 dated 12/09/2004; Application No. 16865 dated 8/9/2006 or Permit No. 2812-245-0017-V-03-0-0 are based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **2** page(s).

Director
Environmental Protection Division

Table of Contents

PART 1.0 FACILITY DESCRIPTION 1
 1.3 Process Description of Modification 1
PART 3.0 REQUIREMENTS FOR EMISSION UNITS..... 2
 3.1.1 Additional Emission Units 2
PART 5.0 REQUIREMENTS FOR MONITORING..... 2
 5.2 Specific Monitoring Requirements 2

PART 1.0 FACILITY DESCRIPTION

1.3 Process Description of Modification

Application No. 16865 was submitted by the facility for the installation of a new HCl scrubber (Control Device ID: C10A) at the East HCl Plant and replacement of the existing scrubber (Control Device ID: C09A) at the West HCl Plant.

PART 3.0 REQUIREMENTS FOR EMISSION UNITS**3.1.1 Additional Emission Units**

Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	Corresponding Permit Conditions	ID No.	Description
E10A	East HCl Plant Tails Tower	None.	5.2.2, 5.2.3, 6.1.7. 5.2.10, 5.2.11	C04A C04B C10A	Primary Hypochlorite Scrubber, Secondary Hypochlorite Scrubber. East HCl plant Caustic Scrubber

* Generally applicable requirements contained in this permit may also apply to emission units listed above.

PART 5.0 REQUIREMENTS FOR MONITORING**5.2 Specific Monitoring Requirements**

5.2.10 The Permittee shall install, calibrate, maintain, and operate monitoring devices for the measurement of the indicated parameters on the following equipment. Data shall be recorded at the frequency specified below. Where such performance specification(s) exist, each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.

[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. Differential Pressure on the East HCl Plant Caustic Scrubber (Source code: C10A). Data shall be recorded no less than once every working shift.
- b. Scrubbant Flow Rate on the East HCl Plant Caustic Scrubber (Source code: C10A). Data shall be recorded no less than once every working shift.

5.2.11 The Permittee shall measure and record the caustic concentration in the East HCl Plant Caustic Scrubber (source code: C10A) no less than once very working shift. These records shall be maintained in a form suitable and available for inspection by the Division for a period of at least five (5) years from the date of the last entry.

[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]