

# Part 70 Operating Permit Amendment

Permit Amendment No.: **2869-245-0136-V-01-1** Effective Date: **March 11, 2004**

**Facility Name:** **The NutraSweet Company**

**Facility Address:** 1762 Lovers Lane  
Augusta, Georgia 30901 (Richmond County)

**Mailing Address:** P.O. Box 2387  
Augusta, Georgia 30903

**Parent/Holding Company:** The NutraSweet Company

**Facility AIRS Number:** 04-13-245-00136

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 and in effect under the Act, the Permittee described above is issued a construction permit for:

The installation and operation of replacement scrubbers VF-572 APM I Atmospheric Vent Scrubber (Source Code: A572) and No. 1 Waste Heat Recovery Boiler Scrubber (Source Code: UWC1), and to correct typographical errors in Permit Condition 6.1.7.c.

This Permit Amendment shall also serve as a final amendment to the Part 70 Permit unless objected to by the U.S. EPA or withdrawn by the Division. The Division will issue a letter when this Operating Permit amendment is finalized.

This Permit Amendment 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 and in effect under that Act, or any other condition of this Permit Amendment and Permit No. 2869-245-0136-V-01-0. Unless modified or revoked, this Permit Amendment expires upon issuance of the next Part 70 Permit for this source.

This Permit Amendment 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. 14114 dated November 13, 2002 and Application No. 14828 dated November 12, 2003; any other applications upon which this Permit Amendment or Permit No. 2869-245-0136-V-01-0 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 Amendment is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **3** pages, which pages are a part of this Permit Amendment, and which hereby become part of Permit No. 2869-245-0136-V-01-0.

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Director  
Environmental Protection Division

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**PART 1.0 FACILITY DESCRIPTION**

**1.3 Process Description of Modification**

The facility is replacing two scrubbers due to corrosion and aging - the VF-572 APM I Atmospheric Vent Scrubber (Source Code: A572) and No. 1 Waste Heat Recovery Boiler Scrubber (Source Code: UWC1). The new A572 scrubber is identical to the existing VF-2572 APM II Atmospheric Vent Scrubber (Source Code: B572). The new UWC1 scrubber is identical to the existing UWC1 scrubber. The facility has also noted some typographical errors in Permit Conditions 6.1.7.c.ii and 6.1.7.c.iii.

## Title V Permit Amendment

### PART 3.0 REQUIREMENTS FOR EMISSION UNITS

Note: Except where an applicable requirement specifically states otherwise, the averaging times of any of the Emissions Limitations or Standards included in this permit are tied to or based on the run time(s) specified for the applicable reference test method(s) or procedures required for demonstrating compliance.

#### 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
A502 (116)	VF-502 Recovery APM/HCl Mother Liquor Tank	40 CFR 60 Subpart Kb, 391-3-1-.02(2)(a)1	3.3.1, 3.3.2, 3.3.14, 3.5.8, 3.5.11, 5.2.2, 6.1.7, 6.2.9, 6.2.10	A572 (169)	VF-572 APM I Atmospheric Vent Scrubber
A152	VF-416 APM Mother Liquor Concentrate Vessel	391-3-1-.02(2)(a)1	3.5.8, 3.5.11, 5.2.2, 6.1.7	A572 (169)	VF-572 APM I Atmospheric Vent Scrubber
G302	Aspartame Equipment Group	391-3-1-.02(2)(a)1	3.5.8, 3.5.11, 5.2.2, 6.1.7	A572 (169)	VF-572 APM I Atmospheric Vent Scrubber

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

### 3.5 Equipment Standards Not Covered by a Federal or SIP Rule and Not Instituted as an Emission Cap or Operating Limit

#### Volatile Organic Compound Emissions

3.5.11 The Permittee shall not discharge, nor cause the discharge into the atmosphere from the VF-572 APM I Atmospheric Vent Scrubber (Source Code: A572) any gases which contain volatile organic compound emissions in excess of 0.7 tons per year.  
[391-3-1-.02(2)(a)1]

**PART 6.0 OTHER RECORD KEEPING AND REPORTING REQUIREMENTS**

**6.1 General Record Keeping and Reporting Requirements**

6.1.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:

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

c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

ii. Process Scrubbers

(H) Any measurement made in accordance with Condition 5.2.2.a.viii for which the scrubbant flow rate or differential pressure for the L-Phe Scrubber (Source Code: L201) exceed the following parameters:

(III) Differential pressure is greater than 2.0 inches of water column.

iii. Condensers - Any measurement made in accordance with Condition 5.2.2.b for which the following parameters are exceeded for the VS-605, VS-175, HX-631, VS-632, VS-633, HX-132, T505A, T505B, T505C, T508, T509, T510, HX-703, HX-718, HX-2704, and HX-2732 Vent Condensers (Source Codes: HX06, HX04, HX05, HX632, HX07, HX132, TX5A, TX5B, TX5C, TX58, TX59, TX51, HX01, HX03, HX27, and HX273):

(B) Coolant temperature is greater than 5.0°C.