



Connecticut Department of

**ENERGY &
ENVIRONMENTAL
PROTECTION**

**BUREAU OF AIR MANAGEMENT
NEW SOURCE REVIEW PERMIT
TO CONSTRUCT AND OPERATE A STATIONARY SOURCE**

Issued pursuant to Title 22a of the Connecticut General Statutes (CGS) and Section 22a-174-3a of the Regulations of Connecticut State Agencies (RCSA).

Owner/Operator:	Kimberly-Clark Corporation
Address:	58 Pickett District Road, New Milford, CT 06776
Equipment Location:	58 Pickett District Road, New Milford, CT 06776
Equipment Description:	Off-line Tissue Winder with Treatment Solution Application System

Town-Permit Numbers:	130-0033
Town-Premises Numbers:	130-0006
Modification Issue Date:	August 15, 2012
Prior Permit Issue Dates:	05/06/92, 09/13/93
Expiration Date:	None

/s/ Anne Gobin for
Daniel C. Esty
Commissioner

August 15, 2012
Date

PERMIT FOR PROCESS EQUIPMENT

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This permit specifies necessary terms and conditions for the operation of this equipment to comply with state and federal air quality standards. The Permittee shall at all times comply with the terms and conditions stated herein.

PART I. DESIGN SPECIFICATIONS

A. General Description

Off-line Tissue Winder with Treatment Solution Application System

B. Control Equipment Design Specifications

Scrubber Design Specifications

Scrubber Liquid: Water
Scrubber Liquid Tank Level: 25%-85% of capacity
Minimum Design Removal Efficiency: 98% (PM)

C. Stack Parameters

Stack Height: 31 ft
Distance of Stack to Property Line: 450 ft
Minimum Exhaust Flow Rate: 42,000 acfm

PART II. OPERATING REQUIREMENTS

A. Controls

Gas Pressure Drop Across Scrubber: 11-14 in. H₂O

PART III. MONITORING AND RECORD KEEPING REQUIREMENTS

A. Material Usage Records

1. The Permittee shall keep records of treatment solution used. Compliance with the maximum annual VOC emissions limit shall be determined by taking the VOC content of the current month's treatment solutions use and adding it to the VOC content of the previous 11 month's use. Based on this value the Permittee shall calculate the VOC emission rate. This calculation shall be performed monthly and the results made available for inspection.
2. Records shall be kept of maximum trial solution emission rates using the procedure described in Part III.A.1 above.

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PART III. MONITORING AND RECORD KEEPING REQUIREMENTS, continued

3. The Permittee shall keep records of all compounds used, MSDS's or the manufacturer's technical data sheets.
4. The Permittee shall keep all records required by this permit for a period of no less than five years and shall submit such records to the commissioner upon request.

PART IV. OPERATION AND MAINTENANCE REQUIREMENTS

- A. The Permittee shall operate and maintain this equipment in accordance with the manufacturer's specifications and written recommendations.
- B. The Permittee shall properly operate the control equipment at all times that this equipment is in operation and emitting air pollutants.

PART V. ALLOWABLE EMISSION LIMITS

The Permittee shall not cause or allow this equipment to exceed the emission limits stated herein at any time. The emissions from any new compounds, for production or trial runs, shall be counted toward any applicable emission limit in this permit.

A. Criteria Pollutants

<u>Pollutant</u>	<u>lb/hr</u>	<u>tpy</u>
PM	0.36	3.1
VOC	1.97	8.5

Demonstration of compliance with the above emission limits shall be met by calculating the emission rates using emission factors from any of the following sources:

1. Manufacturer's data
2. Mass balance calculations
3. Emissions testing

The commissioner may require other means (e.g. stack testing) to demonstrate compliance with the above emission limits, as allowed by state or federal statute, law or regulation.

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B. Hazardous Air Pollutants (HAPS) - (State Only Requirement)

Chemical compounds, e.g., coatings, solvents, etc., used by this source now or in the future, either for production or on a trial basis, which contain hazardous air pollutants (HAPS) that are regulated under RCSA §22a-174-29 are allowed provided that:

1. The Permittee demonstrates that the HAPS actual stack concentration (ASC) does not exceed the maximum allowable stack concentration (MASC) using the equation in RCSA §22a-174-29(c). The Permittee shall be allowed to use the adjustment factor in RCSA §22a-174-29(i).

PART VI. STACK EMISSION TEST REQUIREMENTS (Applicable if -X- Checked)

Stack testing shall be performed in accordance with the latest Emission Test Guidelines available on the DEEP website:

http://www.ct.gov/dep/cwp/view.asp?a=2684&q=322076&depNav_GID=1619

Initial stack emission/performance testing shall be required for the following:

PM SOx NOx CO VOC Pb
 Other (HAPS): _____

PART VII. SPECIAL REQUIREMENTS

- A. STATE ONLY REQUIREMENT: *The Permittee shall not cause or permit the emission of any substance or combination of substances which creates or contributes to an odor beyond the property boundary of the premises that constitutes a nuisance as set forth in RCSA §22a-174-23.*
- B. STATE ONLY REQUIREMENT: *The Permittee shall operate this source and all accompanying equipment at all times in a manner so as not to violate or significantly contribute to the violation of any applicable state noise control regulations, as set forth in RCSA §§22a-69-1 through 22a-69-7.4.*

PART VIII. ADDITIONAL TERMS AND CONDITIONS

- A. This permit does not relieve the Permittee of the responsibility to conduct, maintain and operate the regulated activity in compliance with all applicable requirements of any federal, municipal or other state agency. Nothing in this permit shall

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PART VIII. ADDITIONAL TERMS AND CONDITIONS, continued

relieve the Permittee of other obligations under applicable federal, state and local law.

- B. Any representative of the DEEP may enter the Permittee's site in accordance with constitutional limitations at all reasonable times without prior notice, for the purposes of inspecting, monitoring and enforcing the terms and conditions of this permit and applicable state law.
- C. This permit may be revoked, suspended, modified or transferred in accordance with applicable law.
- D. This permit is subject to and in no way derogates from any present or future property rights or other rights or powers of the State of Connecticut and conveys no property rights in real estate or material, nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the facility or regulated activity affected thereby. This permit shall neither create nor affect any rights of persons of municipalities who are not parties to this permit.
- E. Any document, including any notice, which is required to be submitted to the commissioner under this permit shall be signed by a duly authorized representative of the Permittee and by the person who is responsible for actually preparing such document, each of whom shall certify in writing as follows: "I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information may be punishable as a criminal offense under Section 22a-175 of the Connecticut General Statutes, under Section 53a-157b of the Connecticut General Statutes, and in accordance with any applicable statute."
- F. Nothing in this permit shall affect the commissioner's authority to institute any proceeding or take any other action to prevent or abate violations of law, prevent or abate pollution, recover costs and natural resource damages, and to impose penalties for violations of law, including but not limited to violations of this or any other permit issued to the Permittee by the commissioner.

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PART VIII. ADDITIONAL TERMS AND CONDITIONS, continued

- G.** Within 15 days of the date the Permittee becomes aware of a change in any information submitted to the commissioner under this permit, or that any such information was inaccurate or misleading or that any relevant information was omitted, the Permittee shall submit the correct or omitted information to the commissioner.
- H.** The date of submission to the commissioner of any document required by this permit shall be the date such document is received by the commissioner. The date of any notice by the commissioner under this permit, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three days after it is mailed by the commissioner, whichever is earlier. Except as otherwise specified in this permit, the word "day" means calendar day. Any document or action which is required by this permit to be submitted or performed by a date which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.
- I.** Any document required to be submitted to the commissioner under this permit shall, unless otherwise specified in writing by the commissioner, be directed to: Office of Director; Engineering & Enforcement Division; Bureau of Air Management; Department of Energy and Environmental Protection; 79 Elm Street, 5th Floor; Hartford, Connecticut 06106-5127.

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