

ALLEGHENY COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL QUALITY
Division of Air Quality

IN RE:

Reichhold Chemicals, Inc.)	ORDER AND AGREEMENT
262 Miller's Run Road)	NO. 219
Allegheny County)	<u>UPON CONSENT</u>
Bridgeville, PA 15017)	

AND NOW, this 21st day of February, 1996,

WHEREAS, the Allegheny County Health Department, Bureau of Environmental Quality, Division of Air Quality (hereafter referred to as "Bureau"), has determined that the Reichhold Chemicals, Inc. (hereafter referred to as "RCI"), 262 Miller's Run Road, Bridgeville, Allegheny County, PA 15017, is the owner and operator of synthetic hydrocarbon resins facilities at 262 Miller's Run Road, Bridgeville, Allegheny County PA 15017 (hereafter referred to as "the facility"), and was as of November 1, 1992 a major stationary source of volatile organic compound or oxides of nitrogen emissions as defined in Section 2101.20 of Article XXI, Rules and Regulations of the Allegheny County Health Department, Air Pollution Control (hereafter referred to as "Article XXI"); and

WHEREAS, the Bureau has determined that Section 2105.06.a. of Article XXI, entitled "Major Sources of Nitrogen Oxides and volatile organic compounds (hereafter referred "VOCs") is applicable to RCI's operations at this facility; and

WHEREAS, RCI timely submitted to the Bureau documents required by Section 2105.06.b of Article XXI (hereafter referred to as "the proposal"); and

WHEREAS, the Bureau, after a review of the proposal, has determined that it satisfies all of the requirements of Section 2105.06.b of Article XXI and is complete; and

WHEREAS, the Bureau has further determined, after review of the proposal and other information available to the Bureau, that it constitutes Reasonably Available Control Technology as defined in Section 2101.20 of Article XXI (hereafter referred to as "RACT") for control of VOC emissions from RCI; and

WHEREAS, the Bureau and RCI desire to memorialize the details of the submitted proposal by entry of an Order and Agreement Upon Consent; and

WHEREAS, pursuant to Section 2109.03 of Article XXI, whenever the Director of the Allegheny County Health Department or his designated representative finds, on the basis of any information available to him, that any source is being operated in violation of any provision of Article XXI, he may order the person or persons responsible for the source to comply with Article XXI or he may order the immediate shutdown of the source or any part thereof; and

NOW, THEREFORE, this first day above written, the Bureau, pursuant to Section 2109.03 of Article XXI, and upon agreement of the parties as hereinafter set forth, hereby issues this Order and Agreement upon Consent:

I. ORDER

- 1.1. At no time shall RCI allow the combined emissions of VOCs from the facility to exceed forty-seven (47) tons per year.

- 1.2. At no time shall RCI allow the associated process equipment to operate unless Building 39 Thermal Oxidizers #1 or #2 and Building 50 Thermal Oxidizer are properly maintained and operated with:
 - a.) a minimum destruction efficiency of ninety-five percent (95%);
 - b.) a minimum operating temperature of one-thousand-four-hundred (1400) degrees Fahrenheit; and
 - c.) a minimum residence time of one-half (0.5) seconds at all times.

In case of a malfunction, RCI may finish processing the material in the associated equipment at the time of the malfunction.

1.3. RCI at all times shall provide instrumentation for the Building 39 Thermal Oxidizer #2 and Building 50 Thermal Oxidizer to continuously monitor and record the following:

- a.) Operating Temperature;
- b.) Oxygen Level; and
- c.) Fume (inlet) Pressure.

1.4. RCI shall at all times record the following information on a daily basis for all reactors:

- a.) Batch time;
- b.) Finished product per batch; and
- c.) Raw material feed per batch.

1.5. RCI shall conduct emission testing on Building 39 Thermal Oxidizer #1 and #2 and Building 50 Thermal Oxidizer no less than once every five (5) years. Such testing shall determine the destruction efficiency of VOCs per unit. RCI shall submit a written test protocol to the Bureau for approval at

least forty-five (45) days prior to the date of the test. The Bureau shall be notified in writing at least thirty (30) days prior to the date of any test. Testing shall not proceed without a Bureau approved protocol. RCI shall conduct all such tests according to applicable U.S. EPA approved test methods.

- 1.6. Except as specified in paragraph 1.2 above of this Order, at no time shall RCI allow the process equipment at this facility to operate unless the emissions from reactors R-5700, KE-6, KE-4, process vessels KE-7, KE-8 and KE-9 in Building 50 and the emissions from reactors R-104, R-105, R-131 and thin tanks CK-173, CK-113, CK-137 in Building 39 are conveyed to their respective Thermal Oxidizers.
- 1.7. At all times RCI shall maintain all appropriate records to demonstrate compliance with the requirements of both Section 2105.06 Article XXI and this Order. Such records shall provide sufficient data and calculations to clearly demonstrate that all requirements of both Section 2105.06 of Article XXI and this Order are being met.

- 1.8. RCI shall retain all records required by both Section 2105.06 of Article XXI and this Order for this facility for at least two (2) years and shall make the same to the Bureau upon request.

II. AGREEMENT

The foregoing Order shall be enforced in accordance with and is subject to the following agreement of the parties, to wit:

- 2.1. The contents of this Order shall be submitted to the U.S. EPA as a revision to the Commonwealth of Pennsylvania's State Implementation Plan (hereafter referred to as "SIP").
- 2.2. Failure to comply with any portion of this Order or Agreement is a violation of Article XXI that may subject RCI to criminal and civil proceedings, including injunctive relief, by the Bureau.
- 2.3. This Order does not, in any way, preclude, limit or otherwise affect any other remedies available to the Bureau for violations of this Order or of Article XXI, including, but not limited to, actions to require the installation of additional pollution

control equipment and the implementation of additional corrective operating practices.

2.4. RCI hereby consents to the foregoing Order and hereby knowingly waives all rights to appeal said Order, and the undersigned represents that he is authorized to consent to the Order and to enter into this Agreement on behalf of RCI.

~~2.5. RCI acknowledges and understands that the purpose of this Agreement is to implement RACT for the control of emissions of VOCs from this facility. RCI further acknowledges and understands the possibility that the U.S. EPA may decide to not accept the Agreement portion of the Order and Agreement by consent as a revision to the Allegheny County's portion of the Commonwealth of Pennsylvania's SIP.~~

IN WITNESS WHEREOF, and intending to be legally bound, the parties hereby consent to all of the terms and conditions of the foregoing Order and Agreement as of the date of the above written.

REICHHOLD CHEMICALS, INC.

By: Thomas M. Colwell Jr.
(signature)

Print or type Name: Thomas M. Colwell Jr.

Title: Site Leader

Date: 2/21/96

ALLEGHENY COUNTY HEALTH DEPARTMENT

By: Bureau 3/8/96

Bruce W. Dixon, M.D., Director
Allegheny County Health Department

and By: Ronald J. Chlebowski

Ronald J. Chlebowski, Deputy Director
Bureau of Environmental Quality