

04/30/1980

VOC180430801

Category: 18 – Pharmaceutical

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

April 30, 1980

Mr. Viney Aggarwal
Division of Air
New York State Department
of Environmental Conservation
50 Wolf Road
Albany, New York 12233

Dear Mr. Aggarwal:

The brochure requested in your letter of April 4, 1980 was sent to you under separate cover. In response to your request for information on the rationale used in developing the control levels in the pharmaceutical CTG, the following explanation is offered.

The outlet gas temperatures for the surface condensers were based on control levels of approximately 70 percent (assuming single VOC component gas streams at saturation). The control level will, of course, vary with the composition and conditions (temperature, pressure, degree of saturation) of the gases in the process stream.

The outlet gas temperature is tied to the vapor pressure of the process stream because the higher the gas vapor pressure the colder the temperature required to condense it.

I trust this information will be helpful to you in developing a VOC regulation for the pharmaceutical industry.

Sincerely yours,

Tom Williams
Control Programs Development Division

cc: Paul Truchan, EPA Region II
Dave Beck, ESED

Attachment

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233

Commissioner

April 4, 1980

Mr. Tom Williams
US Environmental Protection Agency
Office of Air, Noise and Radiation
Office of Air Quality Planning
and Standards
Research Triangle Park, NC 27711

RE: Public Information Brochure Group II VOC RACT Categories

Dear Mr. Williams:

We learned from your January 1980 monthly progress report of the above brochure and will appreciate your sending us a copy of the same.

Secondly, we are also interested in the rationale which was used in developing the various levels of control for different solvents in pharmaceutical industry.

An early response shall be greatly appreciated.

Sincerely yours,

Viney B. Aggarwal, P.E.
Senior Sanitary Engineer
Source Technology Section
Division of Air

VBA:rlc