DUPONT
ESTABLISHED 1802
E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
WILMINGTON, DELAWARE 19898

ENGINEERING DEPARTMENT
LOUVIERS BUILDING

cc: H.L.Adam-Emp. Rel.-Nemours
S.E.Bye-Petrochem-Seneca
T.A.Kittleman-ESD (Items 1-2)
O.T.Skretvedt-CR&D-Haskell Lab
J.W.Bowman-Emp. Rel.-Nemours
W.H.Darnell-C&P-Brandywine
W.S.Cotton-DuPont Canada,Inc.-Kingston
S.S.O'Shea-DuPont Canada,Inc.-Mississauga
J.N.Glenn-Design
IC

October 7, 1980

PRESENT: L. T. FREELAND - CHAIRMAN - POLYMER PROD. - BEAUMONT
R. L. BARNHART - PETROCHEMICALS - VICTORIA
D. J. CALVO - POLYMER PRODUCTS - LOUISVILLE
K. A. CHEN - C&P - CHAMBERS WORKS - BUILDING 1094
R. J. DAM - ER&D - EPL
S. W. DIXON - CR&D - HASKELL
J. R. MARTIN - EMPLOYEE RELATIONS - NEMOURS
R. A. MEAD - F&F - BRANDYWINE
J. A. MORELLO - ESD
L. F. PERCIVAL - POLYMER PRODUCTS - DU PONT
D. J. STITZER - DESIGN
R. W. STOWE - C&P - EDGE MOOR
A. R. GREENING - STANDARDS SECTION A R Greening

ABSENT: L. H. WILLIAMS - TEXTILE FIBERS - KINSTON

VISITORS: J. W. BOWMAN - EMPLOYEE RELATIONS - NEMOURS
J. MATTSON - CR&D - HASKELL LAB

STANDARDS SECTION - AIR QUALITY SUBCOMMITTEE
MINUTES FOR THE MEETING HELD THURSDAY, OCTOBER 2, 1980
AT 8:30 A.M. IN ROOM 13418, NEMOURS BUILDING

APPROVAL OF MINUTES
The minutes of the August 7, 1980 meeting were approved.

AIR QUALITY STANDARDS BOOKLET
Please insert the following in your Air Quality Standards Booklet.

- A revised index for the booklet.
- An Alphabetical Index for Du Pont Engineering Standards.
- Revised green sheet copies of J1J, J3J, J5L, and J6M.

763

Your booklet should be up to date with the above additions. Please contact Charlene Erthal at 366-2364 if you need up-to-date copies of any other standards.

NEW STANDARDS

1. S8H (Proposed) - Respiratory Protection Fit Testing - J. R. Martin

Replies to serial letter comments were issued August 18, 1980. No additional comments were received. A revised draft is in composition. It will be circulated to the subcommittee for final review and approval prior to issue.

L. T. Freeland reported the additional suggestions had been received from O. T. Skretvedt and T. J. Nelson. After reviewing these suggestions with several members of the subcommittee, the following action was taken:

- Paragraph 3.7.2 was revised to require a 5X safety factor when a single fit test is used.
- Suggestions to provide masks from at least two vendors and to not allow adjustment of the mask during testing were not accepted.

The 5X safety factor will provide a 95 percent confidence level that protection will be adequate while the 10X safety factor suggested would provide a 99 percent confidence level. The 95 percent confidence level is consistent with S12T.

2. S7H (Proposed) - Chemical Protective Clothing (Safety & Fire Protection Subcommittee responsibility - K. A. Chen, L. F. Percival

J. Mattson of Haskell Lab reported that the monograph on glove protection will be issued by the end of October. The report will include a description of the test procedure, a summary of available data, and guidance on application.

It was agreed that work on the standard should be expedited. Members of the Ad Hoc Committee on the standard are:

J. W. Bowman
D. E. Speier
L. F. Percival
K. A. Chen
N. W. Henry
J. E. Wright
A. R. Greening

3. S-G (Proposed) - Microwave and Radio-Frequency Radiation Safety R. J. Dam

A revised draft dated 10/10/80, which incorporates comments on earlier drafts, was circulated to the subcommittee. The draft was approved for preparation in standard format pending resolution of questions on the exposure limits set by Haskell Lab. R. J. Dam is to forward a revised copy to A. R. Greening for composition.

DUP 0905969

REVISED STANDARDS

4. S13T - Hardware for Workspace Sampling and Analytical Methods (12/78) - S. W. Dixon, L. T. Freeland
Pink sheet copies of S13T were circulated to the subcommittee. The standard will be released for issue on October 9, 1980, unless objections are received by that date.

5. S2T - Threshold Limit Values of Airborne Contaminants (1/80)
A draft of S2T prepared by L. T. Freeland and J. R. Martin was reviewed and approved for composition. Before submitting to composition, A. R. Greening is to revise the Scope section into separate Scope and General sections and indicate in the General section how the various exposure limits are to be used. Greening is also to have the Z tables checked by the Legal Library to ensure that they are current.

Pink sheet copies will be circulated for final review prior to issue.

6. S11T - Priorities for Workspace Sampling for Exposure to Chemicals (8/79) - D. J. Calvo, S. W. Dixon
A revised draft of S11T is in composition. Pink sheet copies will be distributed for final review and approval prior to issue.

7. J1M - Measurement of Visible Emissions - R. W. Stowe
J1M was approved for reaffirmation with a minor change to Paragraph 2.6.

8. S12T - Strategy for Workspace Sampling for Exposure to Chemicals (11/78)
It was agreed that the table on return sampling requirements in Paragraph 6.4.1.5 is to be revised by K. A. Chen, S. W. Dixon, and R. L. Barnhart. A. R. Greening is to add the qualifications developed by J. R. Martin for S2T to the references in S12T. Greening is also to check with R. E. Wheeler to determine if his revisions have been completed.

9. 1981 WORK SCHEDULE
The following assignments for 1981 reviews were made:

- J2M - R. A. Mead
- J8M - R. L. Barnhart

Marked copies are due to A. R. Greening by December 31, 1980.

The following subjects were suggested for possible new standards to be developed:

- A roadmap standard for complying with PSD regulations.

- A standard on spill and leak protection.
- A standard on preparation of MSDS (Material Safety Data Sheets).
- A standard on communication of chemical hazards information.
- A standard on food handling and sanitary facilities.

It was agreed that a meeting would be held at Haskell Lab in the spring with a 1/2-day business meeting and a 1/2-day tour.

10. S4T - Measurement and Control of Asbestos Dust Exposure
L. F. Percival reported that there was confusion on the requirements for maintaining lists of personnel with exposure to asbestos in previous Du Pont jobs or off-plant prior to or during Du Pont employment. He will prepare a proposed revision.

ADJOURNMENT
The meeting adjourned at 3:00 p.m.

NEXT MEETING
The next meeting of the Air Quality Subcommittee was rescheduled for Thursday, January 22, 1980, at 8:30 a.m.

ARG:ce

Atch