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EN-1029

E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED

WILMINGTON, DELAWARE 19898

ENGINEERING DEPARTMENT

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CC: D. W. Ferguson (Items 12 - 23)
C. E. Marsh (Item 16)
W. D. Webb (Item 16)
J. W. Farrell, Jr. (Item 16)
D. M. Stowers (Item 1 - 22)
H. A. Heidelberger - Design - (Item 22)
A. C. Elsasser (Item 23)
R. C. ~~32~~

September 1, 1966

00449

PRESENT: C. HOLDER, JR. - CHAIRMAN - EMP. REL. - WILM.
F. T. BODURTHA, JR. - ESD
W. A. BOWER - PLASTICS - WILM.
G. W. CAWMAN - ORCHEM - CHAMBERS WORKS
C. R. GROVES - EMP. REL. - WILM.
K. E. KEUPER - CONSTRUCTION
H. LEWIS - EXPLO. - CARNEY'S POINT - DEV. LAB.
D. M. HALL, ALT. FOR W. G. RIDLEY - TEX. FIB. - WAYNESBORO
E. A. ROBB - F & F - PHILADELPHIA
E. A. TSCHOPP - DESIGN
R. L. ~~M.~~ RICE - STANDARDS SECTION

ABSENT: W. S. KISER - PIGMENTS - NEWPORT
E. J. WILFERT - GSD - WILM.

STANDARDS SECTION - SAFETY AND FIRE PROTECTION SUBCOMMITTEE
MINUTES OF THE MEETING HELD TUESDAY, AUGUST 30, 1966
AT 9:00 A.M. IN ROOM 13418, NEMOURS BUILDING

APPROVAL OF MINUTES
The minutes of the last meeting were approved.

NOTE: Following are the dates agreed to for the next 3 meetings:

September 27	(No change)
November 1	(Was October 25)
November 29	(Was November 22)

1. 1967 WORK FORECAST
The following item was added to the list prepared last month:

Trailers used as temporary offices (new)

This may be developed in conjunction with appropriate A&C subcommittees.

2. ELECTRIC FORK TRUCKS
The Chairman reported that he had received a reply from Underwriters' Laboratories stating in effect that since our comments applied to trucks which were several years old, Underwriters' Laboratories felt they could take no action. C. Holder agreed to locate through Purchasing a recently purchased Type EE truck and have it checked against Underwriters' Laboratories' specification.

C. Holder also will reply to the letter from D. G. MacLean, Chambers Works, pointing out that this subcommittee agrees with the use of the Type EE truck as permitted in Specification SV2A.

3. S12G - LABORATORY DESIGN CRITERIA
It was reported that J. D. Wilson has promised a revised draft by October 30.

4. F20E - DEPTH OF COVER FOR OUTSIDE UNDERGROUND FIRE MAINS
This revised standard was approved for issue.

5. F10C - FIRE HOSE COUPLING SPECIFICATION
It was agreed to omit Bellewood, Cooper River, F & F Warehouses, and Wyandotte. Tulsa will be added.

This standard was approved for issue.

6. F9G - SOLVENT DISPENSING ROOM
Recommendations to change Par. 6.1 and add a new Par. 6.2 submitted by W. G. Ridley, June 27, 1966, were discussed at length. The subcommittee disagreed with these recommendations and concluded that no change should be made in the standard.

7. S2H - RESPIRATORY PROTECTIVE EQUIPMENT
F. T. Bodurtha is scheduled to report in September.

8. S10F - METAL SCAFFOLDS
S7F - SCAFFOLD PLANK
K. E. Keuper is scheduled to report in September.

9. PROTECTION OF OPENINGS IN FIRE WALLS
Due from A&C in October.

10. S25B - BARRICADES FOR PROCESS EQUIPMENT
It was suggested that some information be included on the use of blasting mats such as were used at Louisville. H. Lewis will contact F. A. Loving and F. M. Willis for their comments and will reply to the comments received from R. P. Delano. Discussion will be continued.

11. F6J - FLAMMABLE VAPOR AND GAS DETECTORS
Deferred due to the absence of W. S. Kiser.

12. S1H - AIR DISTRIBUTION SYSTEMS FOR AIR MASKS
W. A. Bower reported that he will have a revised draft before the next meeting. He plans to include information regarding use of portable compressor, filters, etc. This should satisfy the request made by the Protective Coatings Subcommittee for information on air supplied to sand blasting hoods.

13. S1E - SAFETY SHOWERS
C. R. Groves asked that this be deferred until next month.

14. F7H - EMERGENCY SHUTOFF FOR GAS SUPPLY LINES
E. A. Tschopp asked that this be deferred until next month.

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15. REAFFIRMATION

S1B	Reaffirmed
S17B	"
S8G	"
S9F	Keuper will report next month.
S4G	Cawman will report next month.
F11G	Robb will report next month.

16. S2P - PRESSURE TESTING
The subcommittee reviewed recommendations in a letter dated July 15, 1966 from J. W. Farrell, Jr. to K. E. Keuper.

a. Lubricating oils - the subcommittee objected to including this service due to the potential fire hazard should a leak occur.

b. Brine - Approved.

c. Air, increased limits of 150 psi/220°F - Approved.

d. Inert gas, increased limits 150 psi/150°F - Approved.

17. HEAT VENTS FOR FIRE
C. Holder had no report.

18. F18B - FIRE DAMPERS FOR DUCTS
E. A. Tschopp had no report.

19. F1D - FIRE PUMPS
E. A. Tschopp had no report.

20. S2T - THRESHOLD LIMIT VALUES
F. T. Bodurtha reviewed with subcommittee members the importance of reporting TLV data which can be used by ACGIH as a basis for establishing threshold limit values. This is particularly important in those cases where Du Pont feels that the TLV presently is too low.

21. F4H - FLAMMABLE LIQUID STORAGE TANKS
C. R. Groves submitted a revision clarifying the definition of gravity flow. This was approved for issue.

22. B2W - FIXED LADDERS
A. J. Schwertfeger, Explosives Department, brought to the subcommittee's attention the fact that the standard B2W does not limit the straight, unbroken length of fixed ladders while ASA standard A14.3 - 1956 - requires in Par. 6.2 "When ladders are used to ascend to heights exceeding 20 feet, (except on chimneys) landing platforms should be provided for each 30 feet of height or fraction thereof... Each ladder section should be offset from adjacent sections."

Although the subcommittee members do not believe that our present practices constitute any particular hazard, they did question the legal implications, particularly since many local or state codes could probably incorporate ASA A14.3. By a copy of