Inter Office

Engineering and Research Staff

April 17, 1980

Mr. J. P. Bernard*
Dr. D. L. Block
Mr. G. F. Bolling
Mr. R. M. Dierkes*
Mr. W. H. Fitzsimmons*
Mr. A. G. Folger
Dr. S. Gratch
Mr. P. F. Guy*
Mr. G. J. Hensien
Mr. A. B. M. Houston*
Mr. P. A. Kelly
Mr. G. T. Luzanski*
Dr. J. D. Nordstrum*
Mr. N. A. Prittinen
Mr. W. J. Rooney*
Mr. K. B. Termaat*

*In attendance (see Attachment I for total attendance)

**Subject: Task Force on Carcinogens in the Workplace - Fifth Meeting, April 3, 1980**

Strategy for Elimination/Accommodation of Chromium Compounds in Production Materials - M. Movsesian

Engineering and Research Staff presented a list of material specifications identifying production materials that contain or are suspected of containing chromium compounds. The list is to be screened by IH and T, to eliminate non-carcinogenic chromium compounds, prior to sending the list to PEO's.

"Strategy for Control of Chromium in Company Product Materials", presented by Engineering and Research Staff, generated discussion resulting in a recommendation that the proposed strategy be modified further. It was also noted that the Government recognizes respirators only as an interim procedure. It was also noted that the term "potentially carcinogenic" should precede the term "chromium compounds" in Item 2 of the proposed strategy. It was agreed that the strategy should define the term, "new design", differentiating between new compounds, new parts, new tools, etc., and that the specific definition should indicate that a change of a part initiates the introduction of a substitute (nonhazardous) material.

Strategy for Elimination/Accommodation of Chromium Compounds in Nonproduction Materials-Z. Dolik

Manufacturing Staff distributed a list of nonproduction materials that were identified as containing chromium. IH & T's assistance was requested to eliminate noncarcinogenic chromium compounds from the list. A discussion ensued concerning carcinogenic and noncarcinogenic hexavalent chromium. IH & T commented that the differentiation between carcinogenic and noncarcinogenic hexavalent chromium is not clear. The most feasible approach is to eliminate all trivalent chromium from the list because trivalent chromium compounds are not carcinogenic. All hexavalent chromium-containing compounds should remain on the suspect list.

Manufacturing Staff presented a "Proposed Strategy for the Elimination/Accommodation of Chromium and Chromium Compounds in Nonproduction Materials", which included a work plan designating specific responsibilities to specific activities.

April 17, 1980

Update on Toxicological Data Input to MATS - P. E. Toth

Two casual part-time employes will be hired. One begins Monday, April 7, 1980 and the other will follow shortly thereafter. One day per week, a person from Manufacturing Staff will assist. Over the past month, 1000 items have been reviewed and entered into MATS. Entries are not yet in a form for distribution but are in a form that can provide information re suppliers. Of the 1000 items reviewed, 60-65% were found not totally complete. There are approximately 8000 more to be reviewed and achievement of initial target date of 8-1-80 appears out of reach. It is estimated that by the end of July, the two recently hired people should complete 35%.

Regulatory/Assessment of Benzene - P. E. Toth

"Benzene: History of Regulatory Status and Impact on Company", was presented by IH & T. A brief discussion ensued, which noted that concentration levels equal to or less than 0.1% benzene is permissible under OSHA regulations.

Use of Benzene in Production Materials - E. L. Stokes

Engineering and Research Staff presented "Use of Benzene in Production Materials", noting that the only materials found to contain benzene at levels greater than 0.1% are petroleum products.

Use of Benzene in Nonproduction Materials - Z. Dolik

Manufacturing Staff presented "Use of Benzene in Nonproduction Materials", which generated discussion. It was noted that when the supplier does not indicate the presence of benzene in a material on the 1291 or 68-100 Form, the information does not get into the MATS file. This requires further study of the system.

A comment was made that petroleum distillates generate a long list of benzene-containing materials. Coke oven by-products, e.g., light oils, containing high levels of benzene and sold for disposal, are not formally classified as either production or nonproduction materials but should be considered under the proposed strategy.

Elimination/Control of Asbestos in Clutches and Brakes - L. T. Dixon

A discussion ensued regarding asbestos in items purchased as assemblies (PIA) which are further processed by Ford Service employes. Currently, the materials in PIA items used are either (1) not defined or (2) not uniform susceptible to the system which facilitates a computerized search for asbestos-containing parts. In the identification of parts containing asbestos by the PEO's, PIA parts known to contain asbestos will be included.

Mr. Dixon was requested to form a working group to propose solutions to address PIA/Black Box items.

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Outline of Task Force Paper to the May 27 Meeting of E & R and M & S Subcommittees - K. B. Termaat

The outline was presented noting exhibit requirements and appropriately designated activities/personnel responsible to provide the required exhibits. Assigned individuals recognized and accepted their specific responsibilities.

The next meeting is scheduled for April 29, 1980 at 9:00 a.m. in the Manufacturing Staff Conference Room (5th Floor, East End), WHQ.

G. O. Keutgen

J. W. Durstine

Attachments

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Attachment I

ATTENDANCE, APRIL 3, 1980

| Name | Activity | Address | Phone |
|---|---|---|---|
| J. S. Amber | SSECO | 628 Parklane West | 24646 |
| J. P. Bernard | BEPE | 1022 - BEPE | 79080 |
| R. F. Birdsall | Plant Engr. - Mfg. Staff | Suite 1600 RenCen | 568-4733 |
| J. A. Brown, Jr. | Research Staff | S3066 Sci Lab | 21483 |
| R. M. Dierkes | P and SS | 2518 FMCC | 79608 |
| L. T. Dixon | Engrg. Staff | 300 Parklane East | 33800 |
| W. H. Fitzsimmons | PEO - FPSD | 346 - FPSDGO | 75180 |
| K. H. Gillis | TRPO - H/T Veh. Engr. | Parklane West | 29298 |
| P. F. Guy | Mfg. Staff | 595 WHQ | 23763 |
| A. B. M. Houston | SSECO | 628 Parklane East | 40324 |
| R. Lamb | Engrg. Staff | 300 Parklane East | 75364 |
| R. J. Lulek | P and SS | 2518 FMCC | 24321 |
| G. T. Luzanski | Lt. Truck | 1007 - Bldg. 1 | 28299 |
| R. C. Machen | Research Staff | S3061 Sci Lab | 31667 |
| W. N. Moore | Mfg. Staff | 596 - WHQ | 23355 |
| M. Movsesian | Engrg. Staff | 300 Parklane East | 41944 |
| J. D. Nordstrom | DPO - PPV | Mt. Clemens Paint Plant | 776-3386 |
| W. J. Rooney | OGC | 1018 WHQ | 21363 |
| J. W. Shaw | Mfg. Staff | 525 WHQ | 24240 |
| E. L. Stokes | Engrg. Staff | 300 Parklane East | 41944 |
| J. L. Tatum | Engrg. Staff | 300 Parklane East | 78136 |
| K. B. Termaat | Engrg. Staff | 305 Parklane East | 25435 |
| P. E. Toth | IH and T | 900 Parklane West | 20210 |

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## TASK FORCE ON CARCINOGENS IN THE WORKPLACE

## ASSIGNMENT CONTROL LOG

| Control No. | Assignment Date Open/Complete | To | Description of Assignment | Status |
|---|---|---|---|---|
| 1. | 1-11/4-11 | D. L. Block (P&O Staff) | Update list of products, used by the Company, containing Category I carcinogens - Quarterly. | IH&T requirement for additional headcount discussed at 3-13-80 meeting. To be resolved by Engrg. Staff prior to 4-3-80 meeting. |
| 2. | 1-31/3-13 | G. O. Keutgen (Mfg. Staff) | Determine a basic strategy for elimination/accommodation of asbestos in manufacturing/maintenance products. Prepare list of manufacturing/maintenance products and uses of asbestos-containing materials, focusing first on high priority items, that have a bearing on OSHA regulations. Others, including materials impacted by EPA (Clean Air Act, Clean Water Act, TSCA, and RCRA) and the CPSC, will be addressed at a later date. | Strategy presented and accepted, but differences in strategy for manufacturing and construction materials to be resolved. |
| 3. | 1-31/3-11 | A. Duff (Car Engrg.) | Prepare and present a brief description and status of Product Engineering Procedure 3-189, and identify key issues to be resolved before revision. | Verbal report and typed copies of major comments presented 3-13-80. An additional report is requested for the 4-29-80 meeting. |
| 4. | 2-15/4-1 | E. B. Bennett (Mfg. Staff) | Prepare and issue a directive(s)/bulletin(s) to control asbestos usage in nonproduction materials. | |
| 5. | 2-15/3-31 | All PEO's | Analyze list of production materials for completeness and prepare list of parts containing asbestos (known & suspect) and send to Engrg. Staff. | Awaiting completion. |
| 6. | 2-15/4-7 | L. T. Dixon (Engrg. Staff) | Provide consolidated list of asbestos-containing parts and approved materials to P&S Staff. | Must await completion of Control No. 5. |
| 7. | 2-15/4-14 | R. M. Dierkes (P&S Staff) | Contact suppliers of suspect asbestos-containing bulk material and parts, modify list, and submit to Task Force. | Must await completion of Control No. 6. |

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| Control No. | Assignment Date Open/Complete | To | Description of Assignment | Status |
|---|---|---|---|---|
| 8. | 2-15/4-3 | Z. Dolik (Mfg. Staff) | Prepare and present a paper on use of chromium in nonproduction materials. | Condensed list presented 4-3. |
| 9. | 3-13/4-22 | L. T. Dixon (Engrg. Staff) | Determine basic strategy for elimination/accommodation of asbestos in black box assemblies such as brake shoes, clutch plates, etc. | Verbal report 4-3. Subgroup established to develop strategy. |
| 10. | 3-13/4-3 | M. Movsesian (Engrg. Staff) | Prepare a complete list of specifications describing production materials containing chromium. | Paper presented 4-3. To be forwarded to P&O Staff for screening. |
| 11. | 3-13/4-3 | G. O. Keutgen (Mfg. Staff) | Determine basic strategy for elimination/accommodation of chromium compounds in nonproduction materials. | Paper presented 4-3. Complete. |
| 12. | 3-13/4-3 | L. T. Dixon (Engrg. Staff) | Determine basic strategy for elimination/accommodation of chromium compounds in Company products/uses and ballot for concurrence. | Paper presented 4-3. Awaiting concurrences. |
| 13. | 3-13/4-3 | P. E. Toth (PSO Staff) | Present a regulatory assessment on benzene and impact on Company. | Paper presented 4-3. Complete. |
| 14. | 3-13/4-3 | Z. Dolik (Mfg. Staff) | Prepare and present a paper on the use of benzene in nonproduction materials. | Paper presented 4-3. Complete. |
| 15. | 3-13/4-3 | E. L. Stokes (Engrg. Staff) | Prepare and present a paper on the use of benzene in production materials. | Paper presented 4-3. Complete. |
| 16. | 4-3/4-29 | K. B. Termaat (Engrg. Staff) | Prepare and present first draft of Task Force final report to E&R Subcommittee and M&S Subcommittee. | Outline presented 4-3. |
| 17. | 4-3/4-29 | P. E. Toth (P&O Staff) | Screen lists of production and nonproduction materials containing chromium to identify potentially carcinogenic types. | |

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| Control No. | Assignment Date Open/Complete | To | Description of Assignment | Status |
|---|---|---|---|---|
| 18. | 4-3/4-29 | P. E. Toth (P&O Staff) | Update on toxicological data input to MATS. | |
| 19. | 4-3/4-11 | IH&T, SSECO, OGC, Mfg. Staff, Car Engrg. | Exhibits for Task Force Reports as shown on report outline distributed 4-3. | |
| 20. | 4-3/4-29 | E. L. Stokes (Engrg. Staff) | Determine basic strategy for control of benzene compounds in production materials. | |
| 21. | 4-3/4-29 | Z. Dolik (Mfg. Staff) | Determine basic strategy for control of benzene compounds in nonproduction materials. | |

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