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DOCUMENT NUMBER 51

MINUTES / WORKSHOP

Hoechst C

PLAINTIFF'S EXHIBIT CEL-886

Date: October 17, 1988 MDH-32-88

To: As Listed From: Melanie D. Hollenshead

Department: Bishop Plant Department: S.H.E.

Subject: **FALL INDUSTRIAL HYGIENE WORKSHOP MINUTES**

| | | | |
|---|---|---|---|
| GARY ILLE | - BAY CITY | LINDA COOK | - CLEAR LAKE |
| BOB KING | - BAY CITY | PAT McDOWELL | - CLEAR LAKE |
| | | ANGELA MOUTON | - CLEAR LAKE |
| TOM HUGHES | - BAYPORT WORKS | | |
| | | CAROLYN COOPER | - HCTC |
| KEVIN LOMBARDOZZI | - BEDMINSTER | ROSEMARY PASQUINO | - HCTC |
| | | ANDY SAVAGE | - HCTC |
| CLIFF DEROSE | - BISHOP | | |
| RICHARD CHAPA | - BISHOP | JIM GORDON | - DALLAS |
| JIM PRITCHARD | - BISHOP | MARK STENZEL | - DALLAS |
| JIM WERNEKE | - BISHOP | | |
| | | REX BUNKLEY | - FLORENCE |
| TOM COSENTINA | - BRIDGEWATER | CHERRI SUTTMAN | - FLORENCE |
| BRUCE BOYER | - CHARLOTTE | SAMMY GIDDEON | - PAMPA |
| | | JANE McBUNCH | - PAMPA |
| SUE MAH | - CHATHAM | GENE SHAFFERS | - PAMPA |
| DEE WOODHULL | - CHATHAM | | |
| | | BERNADETTE POGOZELSKI | - PORTSMOUTH |

The fall Industrial Hygiene Workshop was held on September 29 and 30, 1988 in Corpus Christi, Texas. The minutes of the meeting are broken down by section in the remainder of this letter.

SUMMARY OF THE IH MANAGER'S MEETING:

* Extended Shifts - it is recognized that we need guidelines to cover shifts of more than 8 -hours. Anyone with information should pass it to Mark Stenzel.

* Blue Book Acceptance of the ACGIH Values - We don't believe there was any intent to adopt the Biological Exposure Index (BEI) Values. However, it does appear that we need to follow the ACGIH guidelines on heat stress. A committee will be formed to decide how to handle heat stress with emphasis on ambient temperatures in south Texas.

* Safety Culture Committee - the members of the committee have been chosen.

MISCELLANEOUS ITEMS:

* CIS will be built in Bridgewater in the DB2 language.

* Stream data must be entered into the SHIELD system before Dallas can enter the Material safety Data Sheets for the products and intermediates. If you don't plan to use SHIELD to calculate stream data, enter each chemical as a 100% stream.

* AIHA must have abstracts by October 15, 1988. The forms may be obtained from Jim Gordon. Also, please plan for the presentations at the corporate meeting in St. Louis during the conference.

* Asbestos policy - asbestos should be removed where ever possible. Do not encapsulate except as a last resort. Encapsulation merely delays the removal and may greatly increase the liability and the cost.

CORE ELEMENTS:

The format for the core elements is:

1) Summary
2) Bullets for each statement followed by the explanation.

All revisions should be sent to Jim Gordon in magnetic form. He will then issue a draft document prior to the finalization. The deadline is October 15, 1988.

CONFINED SPACE ENTRY DISCUSSION:

A team approach to confined space entries is important to determine what questions should be asked and answered prior to the entry. Be careful not to get all of your time tied up on this subject. This was determined to be an excellent topic for a joint IH/Safety meeting.

PERSONAL PROTECTIVE EQUIPMENT SURVEY:

A personal protective equipment survey in use at the Bishop Plant was offered to the group. It was planned to ease the collection of information needed to select hearing protection, eye protection, gloves, boots, protective clothing and respirators. The collected information also may be used to document the choices for future reference. A copy of the survey is attached to the minutes.

VIDEO DISPLAY TERMINAL ISSUES:

This presentation focused upon the legislation that is presently being introduced in the Northeast. While none of it effects our plants at this time, it may be a glimpse of things to come. The health effects resulting from working with VDT's is still controversial. However three major effects show up in the legislation: eye strain, proper design of work stations and the need for short, frequent breaks. A copy of the available studies is attached to the minutes.

TRAINING QAT UPDATE:

The next meeting is scheduled for November 16 in Clear Lake.

ZONE TRACKING:

* Zones should be updated annually along with the job descriptions and the associated chemicals. The definition of the space / activity / material(s) gives an Exposure Unit (EU).

* A general zone should be used when workers do not have a specified work area or may move through numerous zones on any particular day. (Different zones on different days.) An example would be central maintenance employees.

* The basic ideas in Zone Tracking are very simple. However, you must remember that you cannot separate it from Hazard Communication, Sampling Strategy, Health Monitoring, etc.

* Remember that an Industrial Hygienist is only allowed to observe. We are not allowed to intervene until the data has been analyzed and a problem has been identified.

* A zone may be defined for a batch operation. For example, if an extruder runs two different products with different chemical or physical hazards, you may want to define two zones. However, if there are adjacent extruders that run different products, but no way to identify that a particular worker operates any one extruder, you may not be able to separate the zones.

* Asbestos may be added to a dummy zone (999999) as part of a scheduled upset. You may define that there are workers in the zone and have asbestos as the only chemical. It may be necessary to add heat as a physical stress. The date on this zone may be back-dated as far as 6/80 in order to add any asbestos results that have not yet been added to the system.

* A copy of the descriptions of the programs used to update zones is included with the minutes.

SAMPLING STRATEGY:

Definition: A process to completely document exposure experiences.

* It is important to document the workers exposures as well as the stresses to which they are not exposed. This statement does not mean that each exposure must be monitored. The process of determining "Major / Minor" is a professional judgment that also equates to a determination of exposure.

DALLAS / PLANT RELATIONSHIPS:

Roles that Dallas plays:

* In-house consultant
* Review of programs and recommendations
* Facilitator of cross-communication between plants and throughout the corporation
* Program continuance
* Professional development