PLAINTIFF'S EXHIBIT

MON-1553

BA-10
AICC 930920

Monsanto

FROM (NAME & LOCATION) D. A. Barfoot - 51D

DATE : July 2, 1984

cc: J. A. Stal
W. H. Triplett

SUBJECT : Follow-up on 1983 Annual Inspection

REFERENCE

TO : R. A. Forsthoffer

All items identified in the 1983 Annual Inspection have been or will be taken care of prior to September (see attachment).

Doug/msd
D. A. Barfoot

msd

Attach.

cc: DA Barfoot
please handle, note timing
WTS
6/27/84

Monsanto

FROM (NAME & LOCATION) J. A. Stal - Texas City OA-11

DATE June 21, 1984

SUBJECT Follow-up on 1983 Annual Inspection

REFERENCE

TO : E. P. Bailey-2Z
F. Bales-AB-1
A. M. Berry-SS-17
A. H. Conrad-O-5
G. A. Danner-O-21
J. M. Gatewood-1Z
R. T. Hammann-O-22
R. A. Hernandez
D. E. Kaldenberg-O-4
D. D. Kos
H. M. Lacy-O-6
B. C. Lancaster-CED
W. W. Latimer-O-13
J. J. McClellan-AB-3
V. P. Osburn-SS-14
P. K. Saunders-ED
E. N. Steele-PER
W. H. Triplett-51D

cc: G. W. Bostick-O-18
R. A. Forsthoffer-O-5
J. S. Hagood-O-10A
R. L. Hammond-12
W. G. Juhl
L. C. McCune
S. G. Pappas-O-10A
J. G. Trafton-O-6
G. L. Tromblee-O-10

The 1984 Annual Safety and Housekeeping Inspection is scheduled for September 19-21. One of the areas that the inspectors check is the status of the recommendations made by the previous year's inspection team. Even though we had an in-house inspection in 1983, it is important that the deficiencies noted be eliminated. I am attaching a copy of last year's inspection comments for your areas of responsibility. All items should be completed by the end of August and you should verify completion in writing to your general superintendent, with a copy to me.

J. A. Stal

J. A. Stal

mhd
Attachments

See Status
1 year

LAM001690

SC 000492

GENERAL COMMENTS

IN PROCESS OF BEING UPDATED - Lack of knowledge on wardens/assembly points due to personnel changes from the recent plant reorganization.

GOOD CONDITION - With some exceptions laboratories generally in good condition (i.e., samples well labeled, procedures available, etc.).

N/A - Most research laboratory safety equipment (i.e., safety showers, eye baths, escape masks, etc.) not inspected since July.

GOOD CONDITION - Scaffold materials stored in upper levels in plant (i.e., cooling tower fan decks) seemed to be in questionable condition.

N/A - Pipe rack signs along streets need to be upgraded.

COMPLETE * - N_2 hose stations - deviation from standard throughout the plant.

COMPLETE * - Lack of safety chains attached to wheel of chain operated valves.

N/A - Lack of first person responsibility for safety equipment in service groups, labs and crafts.

GOOD CONDITION - No shielding for batteries stored in garage or MCC rooms.

GOOD CONDITION Corrosion problem with hose connections on breathing air manifolds.

GOOD CONDITION Safety equipment check sheets were comprehensive and well maintained.

GOOD CONDITION Safety procedures were up-to-date and readily available.

GOOD CONDITION Seldom used buildings, primarily storage areas, throughout the plant are in poor condition. Some are fire traps.

Monsanto

FROM (NAME & LOCATION) D. A. Barfoot - 51D (Ext. 3496)

DATE : December 12, 1983

SUBJECT : 1983 Annual Safety and Housekeeping Update for AN-5

REFERENCE :

TO : G. T. Ryan

cc: R. A. Hambrick
W. G. Howe
L. B. Sweatt
W. H. Triplett
Mfg. Foremen (4)
A. Urbani

Status of the AN-5 1983 Annual Safety and Housekeeping Inspection deficiencies is as follows:

SHAC RESPONSIBILITY

1) Lockout of refrigeration system with only operator's lock - needs craft lock also.

Action: SHAC to develop plant policy for review with PMSB.
Responsibility: SHAC

STILL HAVE NO PROGRAM

2) Program in place to remove unused crowsfeet and thor fittings.

Action: Program being developed to identify permanent versus temporary installation of crowsfeet and thor fittings along with followup inspection schedule.
Responsibility: C. F. Moseley
Timing: 1/15/84

COMPLETE

3) No breathing air or mask by E30.

Action: Storage cabinet being converted to oil storage. Cabinet to be relabeled for oil use.
Responsibility: C. F. Moseley
Timing: 12/31/83

COMPLETE

4) No safety chain on chain operated valve at Pure area.

Action: Unit being surveyed to get complete list of chain operators needing safety chains. Maintenance scheduled for repair.
Responsibility: T. Herring, C. F. Moseley
Timing: 12/22/83

COMPLETE

5) Several N_2 stations without test valves.

Action: Unit being surveyed to get complete list of N_2 stations requiring modifications. Maintenance scheduled for repair.
Responsibility: C. F. Moseley
Timing: 2/15/84

LAM001692

SC 000494

COMPLETE 6) Very rusty monorail dolly on top of CT-9.

Action: MRO prepared to paint monorail dolly.
Responsibility: C. F. Moseley
Timing: 12/31/83

COMPLETE 7) Standing water and algae at north Analyzer House.

Action: MRO prepared to revise trap system.
Responsibility: C. F. Moseley
Timing: 12/15/83

COMPLETE 8) Standing water and algae at T10-1.

Action: MRO prepared to install walkway.
Responsibility: C. F. Moseley
Timing: 12/31/83

COMPLETE 9) Standing water and algae at E5-1.

Action: MRO prepared to install catch pan and route water to sewer.
Responsibility: C. F. Moseley
Timing: 1/15/84

COMPLETE 10) Fire water line to T17-2 needs to be dismantled.

Action: Review need to dismantle line with Fire Department.
Responsibility: C. F. Moseley
Timing: 12/15/83

COMPLETE 11) CT-9 road is water runoff area - uneven - tripping, falling hazard.

Action: Project to install sewer system on hold. MRO prepared to grade area and fill in holes.
Responsibility: C. F. Moseley
Timing: 1/15/84

COMPLETE, 12) Bumpers at dumpster loading area chewed up.
at starting to
& chewed up
again, Evaluating
on design

Action: MRO prepared to repair bumpers.
Responsibility: C. F. Moseley
Timing: 2/1/84

COMPLETE 13) Unguarded light by E-10.

Action: No guard required per electrical code.

COMPLETE 14) Tubing not connected under E-11 should be removed.

Action: MRO prepared to remove tubing.
Responsibility: C. F. Moseley
Timing: 12/15/83

COMPLETE 15) Misc. lumber, rope, and metal on top of CT-9.

Action: MRO prepared to remove lumber. Rope and metal have been removed.
Responsibility: C. F. Moseley
Timing: 12/31/83

will be moved up after S/D 16) South Shop Area - storage room next to BM shop is a mess.

Action: Storage and layout of ~~reactor coils~~ WOB TUBE being reviewed.
Responsibility: R. A. Hambrick
Timing: 12/15/83 TCR warehouse ??

COMPLETE 17) Some utility stations - leaking, rusty, etc.

Action: Unit being surveyed to get complete list of utility stations in need of repair. Maintenance scheduled for repair.
Responsibility: T. Herring, C. F. Moseley
Timing: 2/1/84

All other safety and housekeeping deficiencies are complete (see attached inspection report).

Doug
D. A. Barfoot

msd
Attach.

1983 ANNUAL SAFETY AND HOUSEKEEPING INSPECTION

Area: 51

PERFORMANCE SUMMARY	TI	TIR	TR	TRR
1983	18	30.7	2	3.41
1982	31	32.0	1	1.03

SAFETY

- Safety P-Bulletin book available and up to date.
- Safety log in use with a few complaints but usually good suggestions. Replies are timely and positive.
- Unit/Craft Safety Team meeting monthly with good documentation. Only July missing. Content is positive and appropriate.
- Excellent knowledge of safety procedures.
- Monthly safety meetings are scheduled and attendance kept.
- Good interlock bypassing system - well understood.
- Good safety equipment checks & documentation.

ITEM #1
- Lockout of one refrigeration system with only operators lock - needs craft lock also.

COMPLETE
- Lab area clean and procedures posted - one flask had broken spring.

COMPLETE
- One eyebath in Pure with bad rubber cup.
- Metal covers on eyebath is good idea.
- One utility hose not inspected.

COMPLETE
- Bad BA manifold connections at T20-9 and deluge house #5.

COMPLETE
- Ladder in deluge house #5 not inspected.

COMPLETE
- No date on amyl nitrite capsules.

ITEM #2
- Program in place to remove unused crowsfeet and thor fittings.
- Chief operator (trainer) used to conduct a safety meeting - good involvement.

COMPLETE
- Using barracade type to identify catalyst drums.
- HQ area - BA hose hooked up but not in use.

COMPLETE
- SS #7 - shower ring is headknocker for EB use - EB hands rusty.

COMPLETE
- BA hose not coupled and mask not bagged at #206.

ITEM #3
- No BA hose or mask by E30.

COMPLETE
- Unmarked sample in catalyst area.

COMPLETE
- Propane cylinders by tar pot - rusty, no support.

COMPLETE
- AAH 113-3 using wire to hold cylinder instead of chain.

ITEM #4
- No safety chain on chain operated valve at Pure area.

ITEM #5
- Several N_2 stations without test valves.

COMPLETE
- Electrical cord to temporary building at south shop area.

ITEM #6
- ~~Very rusty~~ monorail dolly on top of CT9.

COMPLETE
- Chain fall without red dot at BM shop.

HOUSEKEEPING

- General housekeeping very good.

ITEM #7, 8, 9
- Standing water and algae @ north analyzer house, T10-1, and E5-1.

COMPLETE
- Clutter at P1-1.

ITEM #10
- Fire water line to T17-2 needs to be dismantled.

ITEM #11
- CT9 road is water runoff area - uneven - tripping falling hazard.

ITEM #12
- Bumpers at dumpster loading area chewed up.

ITEM #13
- Unguarded light by E10.

~~COMPLETE~~
- Tubing not connected under E11 should be removed.

ITEM #14

LAM001695

Area: 51

PERFORMANCE SUMMARY	TI	TIR	TR	TRR
1983	18	30.7	2	3.41
1982	31	32.0	1	1.03

SAFETY

HOUSEKEEPING (Cont'd)

COMPLETE ° Little trash in D2-3 skirt.
ITEM #15 ° Misc. lumber, rope, and metal on top of CT9.
COMPLETE ° Pots on vent hood in kitchen.
COMPLETE ° Wire hanger east of D4.
COMPLETE ° Hose on D4 deck.
COMPLETE ° South Shop Area - temporary building north of shop - not used - in bad shape.
ITEM #16 - storage room next to BM shop is a mess.
COMPLETE - steam hose on ground - not inspected.
COMPLETE ° Scaffold out of place.
ITEM #17 ° Some utility stations - leaking, rusty, etc.
COMPLETE ° HCN complex waste sample pump leaking.
COMPLETE ° Firehose on ground by sand filters - not used in sometime.
COMPLETE ° Door on south breaker house bad.
COMPLETE ° Hose inspection tape needs updating.

GENERAL COMMENTS

° Good presentation and visual aids.