

Monsanto

Texas City Plant File

NAME - LOCATION - PHONE Dept. of Medicine & Environmental Health

R. A. Smith

DATE February 21, 1984

SUBJECT VISIT ON JANUARY 30, 1984

REFERENCE

TO : Dan Campbell - 1890

C. F. Callis - G5WA

S. D. Paul - G2WB

R. C. Peck - G2WB

PLAINTIFF'S EXHIBIT

MON-2332

I would like to address some of the topics we discussed during my visit to your operation on January 30, 1984.

1. Asbestos. There is apparently no single method which can give percent asbestos of total fibers, although certain skilled operators can differentiate fibers such as manmade, glass, and ceramic from asbestos. The only conclusive method is Transmission Electron Microscopy (TEM) with electron diffraction plus elemental analysis. The McCrone Institute in Chicago does this for \$500/sample.
2. Method Development. I will be working on timing and funding of method development for the alcohols, isobutylene, and propylene we discussed.
3. Method Numbers. I have reviewed the list of compounds you gave me for method numbers.

The results follow:

Compounds	MEHI Method No.	TCY No.
Lactonitrile, methyl lactate, lactic acid	2701L	18
Acetaldehyde	2702L	36
Methyl iodide, acetic acid, methyl acetate	2703L	8
Lead	2704G	37
Hydroquinone and methyl(mono) ether	2705L	31
Methanol	2706L	15
Phenol in urine	2707G	6
Acrylonitrile and benzene OVA	2708G	OVA

I still need written methods for ACAM and head stress.

4. Phthalate Methods. I have enclosed two written methods for phthalate esters for your information.

Please let me know if I can be of help in initial monitoring for alcohols, isobutylene, propylene, or phthalates. It may prove most cost effective to perform a brief survey and have our lab analyze by GC/MS. Give it some thought and we can discuss when I come down on February 28.

Dick
R. A. Smith

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Enclosures (2)

MAP 005342

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