

5139

THE GOODYEAR TIRE & RUBBER COMPANY

AKRON, OHIO 44316

GTR

February 1, 1977

FEB 3 1977

INDUSTRIAL HYGIENE

TO: Plant Managers

AT: Akron Plant 1 Tires

Akron Chemigum

Akron Pilot Plant

Akron Plant 2 Ind Prods

Akron Plant 5

Akron Plant C

Akron Research - Goodyear Blvd

Akron Research - Archwood

Akron Plant B GAC

Calhoun

Gadsden

North Chicago

Sun Prairie

St Marys

Windsor

Logan

Marysville

Merced

New Bedford

Niagara Falls

Flaquemine

cc: C W Gilchrist

T H Barrett

O M Sherman

F V Prus

D H Francis

J A Brown

G P Comiowski

C R Boose

J R Sankay

R G Cummings

R W Modrell

SUBJECT: Vinyl Chloride Training Program

This letter is issued as a reminder to each plant that is using either polyvinyl chloride resin or vinyl chloride monomer. If your plant is no longer using this material, these instructions can be ignored.

A requirement of the vinyl chloride standard requires annual training of persons who are handling or using either of these materials. A training program was prepared by the Training Division and sent to each plant in April of 1975. The law requires that this training program be presented annually.

If this program has not been presented in your plant within the past year, then it should be presented again for those employees who are working with polyvinyl chloride or vinyl chloride monomer. Please send a list of all persons to whom the program is given to this office.

Dr C A Johnson

dag

Enclosure

C. A. Johnson MT
Director, Occupational Safety
and Health Services

608032

RECEIVED
APR 1 1975
VULGANA & BOSSE

March 26, 1975

Subject: Vinyl Chloride Training Program

The permanent OSHA standard for Vinyl Chloride becomes effective on April 1, 1975.

The training requirements are stated in 1910.93q under item (j) which states, in part, that "each employee engaged in vinyl chloride or polyvinyl chloride operations shall be provided training in a program relating to the hazards of vinyl chloride and precautions for its safe use".

Enclosed is a script and visual aids prepared by the Occupational Health Services and Training departments for your use in complying with the training requirements of the standard. The program covers the basic subjects noted in the standard. It is your responsibility to supplement this script with material pertinent to your particular facility concerning personal protective devices to be used when indicated, emergency procedures, etc.

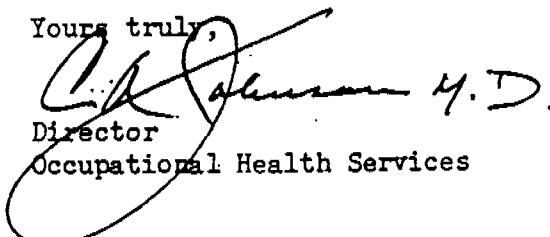
The enclosed material should be given to the individual responsible for training at your facility.

The training program must be given to all employees working with vinyl chloride monomer and/or polyvinyl chloride resin at an initial training or indoctrination session and presented annually thereafter.

At each training session employees participating in the session should sign an attendance sheet. The attendance sheet must be retained as a record of participation.

Additional copies of the script and visual aids are available on request from Paul Morehouse, Manager, Management Training, Akron, Ohio.

Yours truly,


Director

Occupational Health Services

C A Johnson, M.D.

jap

Enc.

608033

0.1	0.0	0.2	0.1
0.1	0.0	0.2	0.0
0.1	0.1	0.2	0.0
0.1	0.0	0.2	0.0

0.1	0.0	0.2	0.0
0.2	0.0	0.2	0.0
0.1	0.0	0.2	0.1
0.2	0.1	0.2	0.0
0.1	0.1	0.2	0.0
0.5	0.0	0.2	0.0
0.1	0.1	0.1	0.1
0.1	0.1	0.2	0.1
0.1	0.1	0.2	0.1
0.1	0.5	0.2	0.1
0.2	0.1	0.2	0.0

Room	1	2	3	4	5	6	7	8	9	10
	C-1 Detaching	C-2 Building	"Y" Building	TW Pump Pit at Tank Farm (Leak Detection)	TW 2-8-Gage Wash in E-2 (Leak Detection)	No. 8 and No. 9 Receivers in E-2	South Collector in E-2	North Collector in E-2	Reactor Area in E-2	Control Room in E-2

613001

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS
 GOODYEAR TIRE AND RUBBER - NIAGRA FALLS PLANT
 05/09/77 - 5/11/77

TIME	1	2	3	4	5	6	7	8	9	10	11
8 SHIEL											
23:24	0.1	----	0.4	----	0.7	----	0.1	----	0.1	----	0.
23:39	0.1	----	0.2	----	0.4	----	0.2	----	0.1	----	0.
23:54	0.1	----	0.1	----	0.3	----	0.1	----	0.1	----	0.
00:09	0.1	----	0.2	----	0.5	----	0.1	----	0.1	----	0.
00:24	0.1	----	0.1	----	0.4	----	0.3	----	0.6	----	0.
00:39	0.1	----	0.2	----	0.4	----	0.1	----	0.1	----	0.
00:54	0.1	----	0.1	----	0.2	----	0.1	----	0.1	----	0.
01:09	0.1	----	0.1	----	0.3	----	0.1	----	0.1	----	0.
01:24	0.1	----	0.1	----	0.3	----	0.1	----	0.0	----	0.
01:39	0.0	----	0.1	----	0.3	----	0.1	----	0.1	----	0.
01:54	0.1	----	0.1	----	0.3	----	0.1	----	0.1	----	0.
02:09	0.1	----	0.1	----	0.3	----	0.1	----	0.1	----	0.
02:24	0.1	----	0.1	----	0.5	----	0.1	----	0.2	----	0.
02:39	0.1	----	0.1	----	0.5	----	0.1	----	0.1	----	0.
02:54	0.1	----	0.1	----	0.4	----	0.1	----	0.2	----	0.
03:09	0.1	----	----	----	----	----	----	----	0.3	----	0.
03:24	0.1	----	0.4	----	0.5	----	0.1	----	0.1	----	0.
03:39	0.1	----	0.2	----	0.5	----	0.1	----	0.2	----	0.
03:54	0.1	----	0.1	----	0.4	----	0.1	----	0.1	----	0.
8 HOUR AVERAGES											
*****	----	----	----	----	----	----	----	----	----	----	0.
NUMBER OF TIMES EXCEEDING 1.0 PPM:											4

AVERAGE EXPOSURE BY JOB TYPE

JOB001: 0.0 JOB011: 18.1 JOB021: 6.2 JOB031: 0.1 JOB041: 0.
 JOB101: 0.0 JOB111: 0.0 JOB121: 0.0 JOB131: 0.0 JOB141: 0.

4 SHIEL

04105	0.1	----	0.1	----	0.3	----	0.1	----	0.1	----	0.
04120	0.1	----	0.1	----	0.4	----	0.1	----	0.1	----	0.
04135	0.1	----	0.1	----	0.4	----	0.1	----	0.1	----	0.
8 HOUR AVERAGES											
	0.1	----	0.1	----	0.3	----	0.1	----	0.1	----	0.
NUMBER OF TIMES EXCEEDING 1.0 PPM:											0

AVERAGE EXPOSURE BY JOB TYPE

JOB001: 0.0 JOB011: 0.1 JOB021: 0.1 JOB031: 0.1 JOB041: 0.
 JOB101: 0.0 JOB111: 0.0 JOB121: 0.0 JOB131: 0.0 JOB141: 0.

C SHIEL

04:50	0.0	----	0.1	----	0.2	----	0.0	----	0.1	----	0.
05:05	0.1	----	0.0	----	0.4	----	0.1	----	0.1	----	0.
05:20	0.1	----	0.1	----	0.4	----	0.1	----	0.1	----	0.
05:35	0.1	----	0.2	----	0.5	----	0.1	----	0.4	----	0.
05:50	0.1	----	1.4	----	0.6	----	0.2	----	0.1	----	0.
06:05	0.1	----	0.1	----	0.8	----	0.1	----	0.1	----	0.
06:20	0.0	----	0.6	----	0.6	----	0.6	----	0.1	----	0.
06:35	0.1	----	0.3	----	0.7	----	0.1	----	0.1	----	0.
06:50	0.1	----	0.7	----	0.5	----	0.3	----	0.1	----	0.
07:05	0.1	----	0.2	----	0.5	----	0.1	----	0.1	----	0.
8 HOUR AVERAGES - C05-14/77											
	0.1	----	0.4	----	0.5	----	0.2	----	0.1	----	0.
NUMBER OF TIMES EXCEEDING 1.0 PPM: 1											
613002											

AVERAGE EXPOSURE BY JOB TYPE

JOB001: 0.0 JOB011: 0.1 JOB021: 0.1 JOB031: 0.1 JOB041: 0.
 JOB101: 0.0 JOB111: 0.0 JOB121: 0.0 JOB131: 0.0 JOB141: 0.

613002

A SHIEL

07120	0.1	0.3	0.4	0.1	0.1	0.1	0.1	0.1	0.2	0
07135	0.1	0.4	0.5	0.1	0.0	0.1	0.1	0.1	0.2	0
07150	0.1	0.3	0.4	0.1	0.1	0.2	0.1	0.1	0.1	0
08105	0.1	0.2	0.5	0.1	0.1	0.0	0.1	0.1	0.1	0
08121	0.0	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0
08136	0.1	0.1	0.7	0.1	0.1	0.1	0.0	0.1	0.1	0
08151	0.1	0.1	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0
09104	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.2	0
09121	0.1	0.1	0.6	0.1	0.2	1.0	0.4	0.2	0.5	0
09136	0.4	0.1	0.8	0.1	0.2	0.8	1.1	0.2	0.5	0
09151	0.1	0.1	0.9	0.1	0.1	0.2	0.4	0.1	0.2	0
10104	0.2	0.1	0.8	0.4	1.4	1.3	1.3	1.1	0.9	0
10121	0.1	0.4	0.6	0.1	0.2	0.4	0.5	0.4	0.4	0
10136	0.1	0.1	0.6	0.1	0.1	0.2	0.2	0.3	0.2	0
10151	0.1	0.1	0.6	0.1	0.9	0.6	0.5	0.2	0.6	0
11104	0.1	0.1	0.8	0.1	0.1	0.2	0.3	0.1	0.2	0
11121	0.1	0.2	0.7	0.1	0.1	0.3	0.3	0.4	2.4	0
11136	0.1	0.1	0.6	0.1	0.8	0.4	0.3	0.1	0.4	0
11151	0.1	0.2	0.5	0.1	1.7	1.1	0.7	0.4	0.7	0
12104	0.1	0.1	0.5	0.1	0.3	0.5	0.2	0.2	0.4	0
12121	0.1	0.1	0.4	0.1	0.1	0.2	0.1	0.1	0.3	0
12136	0.1	0.1	0.5	0.1	0.2	0.3	0.2	0.1	0.2	0
12151	0.2	0.3	0.3	0.1	0.3	0.2	1.2	0.0	0.4	0
13104	0.1	0.1	0.2	0.1	0.3	0.4	0.4	0.1	0.3	0
13121	0.2	0.2	0.5	0.1	0.7	2.4	1.7	0.2	1.5	0
13136	0.1	0.1	0.5	0.1	0.3	0.2	0.2	0.1	0.3	0
13151	0.2	0.0	0.5	0.1	0.1	0.1	0.1	0.1	0.2	0
14104	0.1	0.1	0.9	0.1	0.1	0.1	0.1	0.1	0.2	0
14121	0.1	0.1	0.7	0.1	0.1	0.2	0.1	0.1	0.2	0
14136	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.0	0.2	0
14151	0.1	0.1	0.8	0.1	0.2	0.2	0.2	0.1	0.2	0
15104	0.1	0.9	0.8	0.1	0.3	0.2	0.2	0.2	0.2	0
8 HOUR AVERAGES	0.1	0.2	0.4	0.1	0.3	0.4	0.4	0.2	0.4	0

A05/14/77

613003

NUMBER OF TIMES EXCEEDING 1.0 PPH: 15

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0	JOB01: 0.2	JOB02: 0.2	JOB03: 0.2	JOB04: 0.0	JOB05: 0.0	JOB06: 0.0	JOB07: 0.0
JOB10: 0.0	JOB11: 0.0	JOB12: 0.0	JOB13: 0.0	JOB14: 0.0	JOB15: 0.0	JOB16: 0.0	JOB17: 0.0

B SHIFT

15:21	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.5	0.0
15:34	0.1	0.0	0.4	0.1	0.2	0.2	0.2	0.1	0.2	0.0
15:51	0.1	0.1	0.5	0.0	0.1	0.1	0.2	0.0	0.3	0.1
16:04	0.1	0.1	0.4	0.1	0.0	0.1	0.1	0.1	0.2	0.0
16:17	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.0	0.2	0.1
16:30	0.1	0.1	0.4	0.1	0.3	0.2	0.1	0.1	0.2	0.1
16:43	0.1	0.2	0.4	0.1	0.1	0.2	0.2	0.1	0.2	0.1
17:04	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.0	0.2	0.0
17:21	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.8	0.1
17:34	0.1	0.1	0.3	0.1	0.1	0.2	0.2	0.1	0.4	0.1
17:51	0.1	0.2	0.3	0.2	0.1	0.2	0.2	0.1	0.5	0.1
18:04	0.1	0.3	0.3	0.3	0.1	0.1	0.2	0.0	0.3	0.0
18:21	0.1	0.2	0.3	0.2	0.1	0.2	0.2	0.1	0.2	0.1
18:34	0.1	0.2	0.3	0.2	0.1	0.4	0.3	0.1	0.5	0.0
18:51	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.4	0.1
19:04	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.3	0.1
19:21	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.2	0.1
19:34	0.1	0.1	0.2	0.1	0.1	0.1	0.3	0.3	0.2	0.1
19:51	0.1	0.0	0.2	0.1	0.1	0.2	0.2	0.3	0.2	0.1
20:04	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.5	0.2	0.2
20:21	0.1	0.1	0.2	0.0	0.1	0.1	0.1	0.5	0.2	0.1
20:34	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1
20:51	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.4	0.3	0.1
21:04	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.3	0.2	0.1
21:21	0.1	0.1	0.2	0.1	0.0	0.2	0.1	0.2	0.2	0.1
21:34	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.0
21:51	0.2	0.2	0.3	0.1	0.0	0.1	0.2	0.1	0.1	0.1
22:04	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22:21	0.1	0.0	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.0
22:34	0.1	0.0	0.3	0.0	0.0	0.1	0.1	0.0	0.1	0.1
22:51	0.1	0.1	0.4	0.1	0.1	0.1	0.2	0.0	0.2	0.1
23:04	0.1	0.1	0.3	0.1	0.5	0.1	0.2	0.1	0.2	0.1

HOURLY AVERAGES 805/10/77

0.1	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0.4	0.1
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NUMBER OF TIMES EXCEEDING 1.0 PPM: 1

3E EXPOSURE BY JOB TYPE

JOB00: 0.0	JOB01: 0.1	JOB02: 0.1	JOB03: 0.1	JOB04: 0.0	JOB05: 0.0	JOB06: 0.0	JOB07: 0.0
JOB10: 0.0	JOB11: 0.0	JOB12: 0.0	JOB13: 0.0	JOB14: 0.0	JOB15: 0.0	JOB16: 0.0	JOB17: 0.0

613004