

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME

Richard Cunningham

DEPARTMENT

Vinyl

DATE

12-10-79

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.
True(☒) False()
2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.
True(☒) False()
3. Liquid VCM can cause severe frostbite.
True(☒) False()
4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.
5. The three VCM regulated areas in the plant are:
 - A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
 - B. Plasticizer Building, Boiler House and the East Warehouse.
 - ☒ C. VCM Tank Farm and the two large reactor areas.
6. If you have no business in a VCM regulated area, you must stay out.
True(☒) False()
7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):
☒ (A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm
8. Our Honeywell continuous monitors alarm when 5 ppm is detected in an area.
9. We monitor your VCM exposure to:
 - A. Minimize your exposure to VCM.
 - B. Monitor progress in reducing VCM concentrations.
 - ☒ C. Both A & B.
 - D. To make sure we have a record.
10. Protective clothing is required for certain jobs.
True(☒) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

95

James Scott

VINYL

9-6-79

NAME

DEPARTMENT

DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(✓) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(✓) False()

3. Liquid VCM can cause severe frostbite.

True(✓) False()

4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
C VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(✓) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when X ppm is detected in an area.
5

9. We monitor your VCM exposure to:

- 5
(A) Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(✓) False()

95

VCM EXPOSURE TRAINING

-TEST, 1979-

Danny Lipton
NAME

Vinyl
DEPARTMENT

9/21/79
DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(☒) False()

3. Liquid VCM can cause severe frostbite.

True(☒) False()

- ✓ 4. The exposure limits for VCM are 1 ppm average for any eight hour period and 1,000 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when ~~1 ppm~~ 5 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME Randy B. HARNED

DEPARTMENT MECHANICAL

DATE 10/4/79

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(☒) False()

3. Liquid VCM can cause severe frostbite.

True(☒) False()

4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
☒ C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

☒ (A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when 1 ppm is detected in an area.

☒ 5

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
☒ C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME

Joy Lehman

DEPARTMENT

Vinyl

DATE

12-4-1979

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(☒) False()

3. Liquid VCM can cause severe frostbite.

True(☒) False()

4. The exposure limits for VCM are 5 ppm average for any eight hour period and 3 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
☒ C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

☒ (A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when 1.0 ppm is detected in an area.

9. We monitor your VCM exposure to:

- 5*
☒ A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False()

4

VCM EXPOSURE TRAINING

-TEST, 1979-

Chester Roger Spalence
NAME

Engineering
DEPARTMENT

12/21/79
DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.
True ☒ False ()
2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.
True ☒ False ()
3. Liquid VCM can cause severe frostbite.
True ☒ False ()
4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.
5. The three VCM regulated areas in the plant are:
 - A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
 - B. Plasticizer Building, Boiler House and the East Warehouse.
 - ☒ C. VCM Tank Farm and the two large reactor areas.
6. If you have no business in a VCM regulated area, you must stay out.
True ☒ False ()
7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):
☒ 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm
8. Our Honeywell continuous monitors alarm when 5 ppm is detected in an area.
9. We monitor your VCM exposure to:
 - A. Minimize your exposure to VCM.
 - B. Monitor progress in reducing VCM concentrations.
 - ☒ C. Both A & B.
 - D. To make sure we have a record.
10. Protective clothing is required for certain jobs.
True ☒ False ()

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME Willie S. Heard

DEPARTMENT _____

DATE 12-28-79

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.
True(✓) False()
2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.
True(✓) False()
3. Liquid VCM can cause severe frostbite.
True(✓) False()
4. The exposure limits for VCM are 1.0 ppm average for any eight hour period and _____ ppm for any 15 minute period.
5. The three VCM regulated areas in the plant are:
A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
C. VCM Tank Farm and the two large reactor areas.
6. If you have no business in a VCM regulated area, you must stay out.
True(✓) False()
7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):
(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm
8. Our Honeywell continuous monitors alarm when _____ ppm is detected in an area.
9. We monitor your VCM exposure to:
A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
C. Both A & B.
D. To make sure we have a record.
10. Protective clothing is required for certain jobs.
True(✓) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

Bobby Joe Trimble
NAME

Bagging
DEPARTMENT

12-28-79
DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(☒) False()

3. Liquid VCM can cause severe frostbite.

True(☒) False()

4. The exposure limits for VCM are 1.0 ppm average for any eight hour period and 5 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
- B. Plasticizer Building, Boiler House and the East Warehouse.
- ☒ C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

- ☒ (A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when 1.0 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
- B. Monitor progress in reducing VCM concentrations.
- ☒ C. Both A & B.
- D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME

DEPARTMENT

DATE

Ricky D. Rea

12-28-79

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(☒) False()

3. Liquid VCM can cause severe frostbite.

True(☒) False()

4. The exposure limits for VCM are .1 ppm average for any eight hour period and .5 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
- B. Plasticizer Building, Boiler House and the East Warehouse.
- ☒ C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when .1 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
- B. Monitor progress in reducing VCM concentrations.
- ☒ C. Both A & B.
- D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME John Paul McGhee DEPARTMENT Engineering DATE June 4, 1979

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(☒) False()

3. Liquid VCM can cause severe frostbite.

True(☒) False()

4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

- *8. Our Honeywell continuous monitors alarm when 100 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME Mike Richards

DEPARTMENT Engineering

DATE 6/4/79

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(✓) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(✓) False()

3. Liquid VCM can cause severe frostbite.

True(✓) False()

4. The exposure limits for VCM are / ppm average for any eight hour period and 5 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(✓) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

- ~~8.~~ Our Honeywell continuous monitors alarm when > 1 ppm is detected in an area.

5

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(✓) False()

95

4

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME

Jorge Pérez-Velasco

DEPARTMENT

Engineering

DATE

6/25/79

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.
True(✓) False()
2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.
True(✓) False()
3. Liquid VCM can cause severe frostbite.
True(✓) False()
4. The exposure limits for VCM are 1 ppm average for any eight hour period and 4-5 ppm for any 15 minute period.
5. The three VCM regulated areas in the plant are:
 - A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
 - B. Plasticizer Building, Boiler House and the East Warehouse.
 - C. VCM Tank Farm and the two large reactor areas.
6. If you have no business in a VCM regulated area, you must stay out.
True(✓) False()
7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):
(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm
8. Our Honeywell continuous monitors alarm when 1 ppm is detected in an area.
9. We monitor your VCM exposure to:
 - A. Minimize your exposure to VCM.
 - B. Monitor progress in reducing VCM concentrations.
 - C. Both A & B.
 - D. To make sure we have a record.
10. Protective clothing is required for certain jobs.
True(✓) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

90

Richard Walker
NAME

VINYL
DEPARTMENT

6/14/79
DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.
True(✓) False()
2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.
True(✓) False()
3. Liquid VCM can cause severe frostbite.
True(✓) False()
4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.
5. The three VCM regulated areas in the plant are:
 - A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
 - B. Plasticizer Building, Boiler House and the East Warehouse.
 - C. VCM Tank Farm and the two large reactor areas.
6. If you have no business in a VCM regulated area, you must stay out.
True(✓) False()
7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):
(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm
8. Our Honeywell continuous monitors alarm when 5 ppm is detected in an area.
9. We monitor your VCM exposure to:
 - A. Minimize your exposure to VCM.
 - B. Monitor progress in reducing VCM concentrations.
 - C. Both A & B.
 - D. To make sure we have a record.
10. Protective clothing is required for certain jobs.
True(✓) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

95

Thomas Hayes

NAME

VINYL

DEPARTMENT

June 14, 1979

DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.
True(☒) False()
2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.
True(☒) False()
3. Liquid VCM can cause severe frostbite.
True(☒) False()
4. The exposure limits for VCM are 1 ppm average for any eight hour period and ~~5~~ ppm for any 15 minute period.
5. The three VCM regulated areas in the plant are:
 - A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
 - B. Plasticizer Building, Boiler House and the East Warehouse.
 - ☒ C. VCM Tank Farm and the two large reactor areas.
6. If you have no business in a VCM regulated area, you must stay out.
True(☒) False()
7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):
(☒ A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm
8. Our Honeywell continuous monitors alarm when 5 ppm is detected in an area.
9. We monitor your VCM exposure to:
 - A. Minimize your exposure to VCM.
 - B. Monitor progress in reducing VCM concentrations.
 - ☒ C. Both A & B.
 - D. To make sure we have a record.
10. Protective clothing is required for certain jobs.
True(☒) False()

90

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME Eddie Rice DEPARTMENT VINYL DATE 6/14/79

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.
True(X) False()
2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.
True(X) False()
3. Liquid VCM can cause severe frostbite.
True(X) False()
4. The exposure limits for VCM are / ppm average for any eight hour period and 5 ppm for any 15 minute period.
5. The three VCM regulated areas in the plant are:
 - A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
 - B. Plasticizer Building, Boiler House and the East Warehouse.
 - C. VCM Tank Farm and the two large reactor areas.
6. If you have no business in a VCM regulated area, you must stay out.
True(X) False()
7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):
(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm
5 ppm
8. Our Honeywell continuous monitors alarm when ~~Above~~ 5 ppm is detected in an area.
9. We monitor your VCM exposure to:
 - A. Minimize your exposure to VCM.
 - B. Monitor progress in reducing VCM concentrations.
 - C. Both A & B.
 - D. To make sure we have a record.
10. Protective clothing is required for certain jobs.
True(X) False()

90

A

VCM EXPOSURE TRAINING

-TEST, 1979-

Johnny Pierce UYN.

NAME

DEPARTMENT

6-14-79

DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(✓) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(✓) False()

3. Liquid VCM can cause severe frostbite.

True(✓) False()

4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(✓) False()

- 10 7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when 5 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(✓) False()

100
VCM EXPOSURE TRAINING

-TEST, 1979-

NAME Chris WING

DEPARTMENT Process ENGR

DATE 6/19/79

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(☒) False()

3. Liquid VCM can cause severe frostbite.

True(☒) False()

4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
☒ C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

☒ (A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when 1 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
☒ C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False()

91
VCM EXPOSURE TRAINING

-TEST, 1979-

Willard Reed
NAMEProcess Eng
DEPARTMENT6/19/79
DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.
True(✓) False()
2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.
True(✓) False()
3. Liquid VCM can cause severe frostbite.
True(✓) False()
4. The exposure limits for VCM are 1.0 ppm average for any eight hour period and 5.0 ppm for any 15 minute period.
5. The three VCM regulated areas in the plant are:
 - A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
 - B. Plasticizer Building, Boiler House and the East Warehouse.
 - (C) VCM Tank Farm and the two large reactor areas.
6. If you have no business in a VCM regulated area, you must stay out.
True(✓) False()
7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):
(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm
8. Our Honeywell continuous monitors alarm when 1.0 ppm is detected in an area.
9. We monitor your VCM exposure to:
 - A. Minimize your exposure to VCM.
 - B. Monitor progress in reducing VCM concentrations.
 - (C) Both A & B.
 - D. To make sure we have a record.
10. Protective clothing is required for certain jobs.
True(✓) False()

110
LEAD EXPOSURE TRAINING

-TEST, 1979-

NAME Willard Reed DEPARTMENT Process Eng DATE 6/19/72

1. Excessive amounts of lead in the body can cause serious harm, including death.

True ☒ False ☐

2. The lead materials we have in this plant are powders used as heat stabilizers and color pigments in PVC compounds.

True ☒ False ☐

3. The exposure limit for lead is 50 micrograms of lead per cubic meter of air for any eight-hour work period.

4. The exposure limit for lead is lowered if you work more than eight (8) hours during a work period.

True ☒ False ☐

5. Lead used in this plant can enter the body by:

- A. Inhaling
B. Swallowing
C. Absorbing through the skin
D. All of the above
☒ E. A & B Only

6. If you get lead material on your skin or clothing, you don't have to do anything about it because lead is not absorbed through your skin.

True ☐ False ☒

NOTE: If you think that was a "trick" question, you should think about your answer again.

7. Some lead tasks require breathing protection. Name one such task.

weighing room

8. It is O.K. to take food, drinks, etc. into lead areas, provided you are careful to not let lead materials get into them.

True ☐ False ☒

9. Medical testing is used to make certain your lead exposure is not hurting you.

True ☒ False ☐

10. If the lead area ventilation systems are working and your medical tests and monitoring results are all "Good," you don't have to be concerned about lead exposures.

True ☐ False ☒

VAB.0001077270

NOTE: If you're not sure about your answer, you need to think about it some more.

90

LEAD EXPOSURE TRAINING

-TEST, 1979-

Chris Wino
NAMEProcess Engr
DEPARTMENT6/19/79
DATE

1. Excessive amounts of lead in the body can cause serious harm, including death.

True X False

2. The lead materials we have in this plant are powders used as heat stabilizers and color pigments in PVC compounds.

True X False

3. The exposure limit for lead is 33 micrograms of lead per cubic meter of air for any eight-hour work period.

4. The exposure limit for lead is lowered if you work more than eight (8) hours during a work period.

True X False

5. Lead used in this plant can enter the body by:

- A. Inhaling
B. Swallowing
C. Absorbing through the skin
D. All of the above
E A & B Only

6. If you get lead material on your skin or clothing, you don't have to do anything about it because lead is not absorbed through your skin.

True False X

NOTE: If you think that was a "trick" question, you should think about your answer again.

7. Some lead tasks require breathing protection. Name one such task.

BLENDER CHARGING

8. It is O.K. to take food, drinks, etc. into lead areas, provided you are careful to not let lead materials get into them.

True False X

9. Medical testing is used to make certain your lead exposure is not hurting you.

True X False

10. If the lead area ventilation systems are working and your medical tests and monitoring results are all "Good," you don't have to be concerned about lead exposures.

True False X

NOTE: If you're not sure about your answer, you need to think about it some more.

VAB.0001077271

VCM EXPOSURE TRAINING

-TEST, 1979-

Wallace Rame
NAME

compound 3
DEPARTMENT

3-30-79
DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False(☐)

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(☐) False(☒)

3. Liquid VCM can cause severe frostbite.

True(☒) False(☐)

4. The exposure limits for VCM are _____ ppm average for any eight hour period and _____ ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- (A) Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
- B. Plasticizer Building, Boiler House and the East Warehouse.
- C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False(☐)

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when 4 ppm is detected in an area.

9. We monitor your VCM exposure to:

- (A) Minimize your exposure to VCM.
- B. Monitor progress in reducing VCM concentrations.
- C. Both A & B.
- D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False(☐)

VCM EXPOSURE TRAINING

-TEST, 1979-

Kenneth Mingo
NAME

Vinal
DEPARTMENT

May 21 1979
DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(☒) False()

3. Liquid VCM can cause severe frostbite.

True(☒) False()

- 10 4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
☒ C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False()

- 10 7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when 1 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
☒ C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME

DEPARTMENT

DATE

Jim Jones Uniq 5/21/79

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(✓) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(✓) False()

3. Liquid VCM can cause severe frostbite.

True(✓) False()

4. The exposure limits for VCM are ppm average for any eight hour period and 5 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(✓) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

A 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when 5 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(✓) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME

Jimmie Barr

DEPARTMENT

VIN

DATE

5-30-79

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.
True(☒) False()
2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.
True(☒) False()
3. Liquid VCM can cause severe frostbite.
True(☒) False()
4. The exposure limits for VCM are 10.0 ppm average for any eight hour period and 0.5 ppm for any 15 minute period.
5. The three VCM regulated areas in the plant are:
 - A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
 - B. Plasticizer Building, Boiler House and the East Warehouse.
 - ☒ C. VCM Tank Farm and the two large reactor areas.
6. If you have no business in a VCM regulated area, you must stay out.
True(☒) False()
7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):
(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm
8. Our Honeywell continuous monitors alarm when 1.0 ppm is detected in an area.
9. We monitor your VCM exposure to:
 - A. Minimize your exposure to VCM.
 - B. Monitor progress in reducing VCM concentrations.
 - ☒ C. Both A & B.
 - D. To make sure we have a record.
10. Protective clothing is required for certain jobs.
True(☒) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

Terry McIntosh

NAME

Vinyl

DEPARTMENT

5-30-79

DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(☒) False()

3. Liquid VCM can cause severe frostbite.

True(☒) False()

4. The exposure limits for VCM are 1 ppm average for any eight hour period and 2 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
- B. Plasticizer Building, Boiler House and the East Warehouse.
- C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when 1, 0 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
- B. Monitor progress in reducing VCM concentrations.
- C. Both A & B.
- ☒ D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

JOE NORMAN
NAME

VENYL
DEPARTMENT

5/30/79
DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(☒) False()

3. Liquid VCM can cause severe frostbite.

True(☒) False()

4. The exposure limits for VCM are 1 ppm average for any eight hour period and 15 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
☒ C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

☒ 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when MORE THAN 1 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
☒ C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False()

(100)

4

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME

AL ROSELLA

DEPARTMENT

ENGINEERING

DATE

3-26-79

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.
True() False()
2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.
True(✓) False()
3. Liquid VCM can cause severe frostbite.
True(✓) False()
4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.
5. The three VCM regulated areas in the plant are:
 - A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
 - B. Plasticizer Building, Boiler House and the East Warehouse.
 - C. VCM Tank Farm and the two large reactor areas.
6. If you have no business in a VCM regulated area, you must stay out.
True(✓) False()
7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):
(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm
8. Our Honeywell continuous monitors alarm when 1 ppm is detected in an area.
9. We monitor your VCM exposure to:
(A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
C. Both A & B.
D. To make sure we have a record.
10. Protective clothing is required for certain jobs.
True(✓) False()

(5)

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME JOHN WINDHAM DEPARTMENT CONOCO CHEMICALS PLANT PROJECTS GROUP 5-21-79 DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(✓) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True(✓) False()

3. Liquid VCM can cause severe frostbite.

True(✓) False()

4. The exposure limits for VCM are 1 ppm average for any eight hour period and 10 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(✓) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

(A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when 10 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(✓) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

GREGORY Ashby
NAME

DEPARTMENT

5-21-79
DATE

1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.

True(☒) False()

2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True() False(☒)

3. Liquid VCM can cause severe frostbite.

True(☒) False()

4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.

5. The three VCM regulated areas in the plant are:

- A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
☒ C. VCM Tank Farm and the two large reactor areas.

6. If you have no business in a VCM regulated area, you must stay out.

True(☒) False()

7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):

☒ (A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm

8. Our Honeywell continuous monitors alarm when Above 1 ppm is detected in an area.

9. We monitor your VCM exposure to:

- A. Minimize your exposure to VCM.
B. Monitor progress in reducing VCM concentrations.
☒ C. Both A & B.
D. To make sure we have a record.

10. Protective clothing is required for certain jobs.

True(☒) False()

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME

DEPARTMENT

DATE

- Docherty
1. Evidence has been found that exposure to high-level concentrations of VCM over long periods of time could cause cancer of the liver.
True(☒) False()
2. A finger bone disease, acraosteolysis ("AOL"), has been linked to the manual cleaning of PVC reactors.
True(☒) False()
3. Liquid VCM can cause severe frostbite.
True(☒) False()
4. The exposure limits for VCM are 1 ppm average for any eight hour period and 5 ppm for any 15 minute period.
5. The three VCM regulated areas in the plant are:
A. Dry blend basement, Q.C. Lab and the Plasticizer Tank Farm.
B. Plasticizer Building, Boiler House and the East Warehouse.
☒ C. VCM Tank Farm and the two large reactor areas.
6. If you have no business in a VCM regulated area, you must stay out.
True(☒) False()
7. Respiratory equipment (gas mask, air-line respirators, Scott Air-Pack, etc.) is required above (but not below):
☒ (A) 1.0 ppm (B) 0.5 ppm (C) 10.0 ppm
8. Our Honeywell continuous monitors alarm when 1.0 ppm is detected in an area.
9. We monitor your VCM exposure to:
A. Minimize your exposure to VCM.
☒ B. Monitor progress in reducing VCM concentrations.
☒ C. Both A & B.
D. To make sure we have a record.
10. Protective clothing is required for certain jobs.
True(☒) False()