VCM EXPOSURE TRAINING

-TEST, 1980

Gil Morgan — NAME | ME — DEPARTMENT | 2-1-80 — 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, acraosteolyis ("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( )

100

4

# VCM EXPOSURE TRAINING

-TEST 1980

Curry L. Miller — NAME
Supt. — DEPARTMENT
2/1/80 — 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, acraosteolyis ("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 + LARGE SLURRY BLEND TANKS

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( )

100

A

VCM EXPOSURE TRAINING

-TEST 1980

Dale Andrews — NAME
MAINT. — DEPARTMENT
2-1-80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081375

90

A

VCM EXPOSURE TRAINING

-TEST, 1980

NAME [illegible] DEPARTMENT [illegible] DATE [illegible]

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, acraosteolyis ("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 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):

(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( )

VAB.0001081376

100

A

# VCM EXPOSURE TRAINING

-TEST 1980

Sammie Listokes — NAME
Vinyl — DEPARTMENT
2/1/80 — 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, acraosteolyis ("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( )

166

A

VCM EXPOSURE TRAINING

-TEST 1980

Cleveland Brown Jr. NAME | Vinyl DEPARTMENT | 2-1-80 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081378

100

A

VCM EXPOSURE TRAINING

-TEST, 1980

DEAN HONEYCUTT — NAME

YARD — DEPARTMENT

2-1-80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

100

# VCM EXPOSURE TRAINING

-TEST 1980

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, acraosteolyis ("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( )

75

4

VCM EXPOSURE TRAINING

-TEST 1980

NAME R.T. GATHING DEPARTMENT Div 9E DATE 1 29 80

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, acraosteolyis ("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 _____ ppm average for any eight hour period and _____ ppm for any 15 minute period.

-10 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:

-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( )

VAB.0001081381

-TEST, 1979-

(TC)

A

NAME J. White DEPARTMENT Sm. DATE 11/24/80

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.

Color weigh 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 [illegible]

True ____ False ✓

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

VAB.0001081382

-TEST. 1979-

90

CHRIS WING — NAME
ENGR — DEPARTMENT
1/29/80 — 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 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 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.

CHARGING BLENDERS ON LINE I OR LINE IV

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 [illegible]

-10

True X False ____

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

VAB.0001081383

4

100

VCM EXPOSURE TRAINING

-TEST, 1979-

CHRIS WING — NAME
ENGR — DEPARTMENT
1/29/80 — 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(X) False( )

2 A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

100

# VCM EXPOSURE TRAINING

-TEST, 1979-

S. J. VINCENT — NAME
MECHANICAL — DEPARTMENT
1-29-80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

100

VCM EXPOSURE TRAINING

-TEST, 1979-

M. C. JENNINGS — Processing — 1/29/80

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, acraosteolyis ("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( )

100

# VCM EXPOSURE TRAINING

-TEST, 1979-

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, acraosteolyis ("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( )

100

VCM EXPOSURE TRAINING

-TEST, 1979-

Bernard Jerome Lloyd — NAME
ENGR — DEPARTMENT
1/29/80 — 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(X) False( )

2 A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081388

100

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME L. White DEPARTMENT Engr. DATE 1/29/80

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, acraosteolyis ("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( )

100

A

VCM EXPOSURE TRAINING

-TEST 1980

NAME Mickey Bechtel DEPARTMENT Vinyl Operator DATE 1/29/80

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, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081390

100

# VCM EXPOSURE TRAINING

-TEST, 1979-

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, acraosteolyis ("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 _____ 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( )

(96)

# VCM EXPOSURE TRAINING

-TEST, 1980

NAME: BRUCE VICK  DEPARTMENT: PROCESS ENGINEERING  DATE: 1/29/80

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, acraosteolyis ("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 10 ppm is detected in an area.

-10

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, 1980

Thomas S. Docherty — NAME
Process — DEPARTMENT
1/29/80 — 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, acraosteolyis ("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( )

VAB.0001081393

100

# VCM EXPOSURE TRAINING

-TEST 1980

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, acraosteolyis ("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 _____ 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( )

85

VCM EXPOSURE TRAINING

-TEST 1980

C.L. DAVIS — NAME
Compound — DEPARTMENT
1-29-80 — 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, acraosteolyis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True( ✓ ) False( )

3. Liquid VCM can cause severe frostbite.

True( ✓ ) False( )

-5

4. The exposure limits for VCM are 8 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

-10

8. Our Honeywell continuous monitors alarm when 10.0 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( )

SAFETY/TRAINING MEETING ATTENDANCE RECORD

A

TOPIC: VCM/READ HEALTH TRAING DATE: 1/29/80

LOCATION: SAFETY TRAINING ROOM NUMBER OF HOURS: 1

OUTLINE OF PRESENTATION (Major points, demonstrations, what was practiced, slide/tape, film, etc.). Attach separate sheet if necessary.

SEE SCRIPTS

EMPLOYEE SUGGESTIONS AND PLANNED CORRECTIVE ACTION:

Instructor/Supervisor

TRAINEES

| DEPT. | CLOCK NO. | NAME (Print) | | DEPT. | CLOCK NO. | NAME (Print) |
|---|---|---|---|---|---|---|
| Hot St | 608 | L.T. Brotherwood | ✓ | | | |
| Comp | 1550 | [illegible] | ✓ | | | |
| | 3108 | J. Lewis | ✓ | | | |
| | 3100 | BRUCE VICK | ✓ | | | |
| ENGR | | CHRIS WING | ✓ | | | |
| ENGR | | Bernard Scrone | ✓ | | | |
| " | | J. Perez-Velasco | ✓ | | | |
| " | | VELDON MESSICK | ✓ | | | |
| " | | STEVE VINCENT | ✓ | | | |
| / | | Tom Docherty | ✓ | | | |
| Comp | 1479 | C.L. DAVIS | ✓ | | | |
| EP | | [illegible] | ✓ | | | |
| Vinyl C | | M. Blackwell | ✓ | | | |

-TEST, 1979-

(60)

NAME L T. GATHING DEPARTMENT WHSE DATE 12 9 93

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 _____ micrograms of lead per cubic meter of air for any eight-hour work period.

-10

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.

-10

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.

-10

_____

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 exposure.

-10

True ✓ False ____

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

VAB.0001081397

(90)

A

VCM EXPOSURE TRAINING

-TEST 1980

Earl H Carter — Compound — 1/29/80

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, acraosteolyis ("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 0.5 ppm is detected in an area.

-10

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( )

VAB.0001081398

-TEST. 1979-

100

A

Samuel R. Carter — NAME

Carpenter — DEPARTMENT

1/2/80 — DATE

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 (S) 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.

Changing Blanden Line I

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 at work.

True ____ False ✓

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

VAB.0001081399

-TEST, 1979-

70

A

C.L. Davis | Comp | 1-22-80

NAME | DEPARTMENT | DATE

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 _____ micrograms of lead per cubic meter of air for any eight-hour work period.

-10

4. The exposure limit for lead is lowered if you work more than eight (S) 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.

-10

_____

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.

-10

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 [illegible]

True ____ False ✓

VAB.0001081400

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

-TEST, 1979-

100

A

NAME [illegible] DEPARTMENT [illegible] DATE 1/29/80

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.

[illegible]

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 [illegible]

True ____ False ✓

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

VAB.0001081401

-TEST, 1979- (150)

NAME _____ DEPARTMENT _____ DATE _____

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 15 micrograms of lead per cubic meter of air for any eight-hour work period. -10

4. The exposure limit for lead is lowered if you work more than eight (8) hours during a work period. -10

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.

Color mixing [illegible]

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 _____

0. 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 exposure.

True _____ False _____

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

VAB.0001081402

95

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME _____ DEPARTMENT _____ DATE 1/29/80

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, acraosteolyis ("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.

-5

10. Protective clothing is required for certain jobs.

True( ✓ ) False( )

VAB.0001081403

-TEST, 1979-

(100)

A

J. F. Pérez-Velasco — NAME

Engr. — DEPARTMENT

1/29/80 — DATE

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 up small quantities of color in color weigh 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 [illegible]

True ____ False ✓

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

VAB.0001081404

-TEST. 1979-

(100)

A

S. J. VINCENT — NAME

MECHANICAL — DEPARTMENT

1-29-80 — DATE

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.

COLOR WEIGH 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 exposure.

True ____ False ✓

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

VAB.0001081405

-TEST, 1979-

(10)

N. C. Junigan — Process Eng — 1/29/80

NAME — DEPARTMENT — DATE

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.

Changing blender

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 exposure.

True ____ False ✓

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

VAB.0001081406

-TEST, 1979-

(10)

A

NAME BRUCE VICK DEPARTMENT PROCESS ENGINEERING DATE 1/29/80

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 (S) 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.

CHARGING THE BLENDERS

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 [illegible]

True ____ False ✓

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

VAB.0001081407

-TEST, 1979-

(100)

A

Rex Shackelford — NAME

Admin — DEPARTMENT

1/29/80 — DATE

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.

Changing Bleeder

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 ✓

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

VAB.0001081408

-TEST, 1979-

100

A

Bernard Jerome Lloyd — NAME
ENGR — DEPARTMENT
1/29/80 — 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 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 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.

Color Weigh 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 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 [illegible]

True ____ False X

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

VAB.0001081409

-TEST, 1979-

100

Thomas S. Docherty — NAME

Process — DEPARTMENT

1/29/80 — DATE

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.

Charging Blenders

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 anymore.

True ____ False ✓

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

VAB.0001081410

-TEST, 1979-

(100)

A

Mickey Blackwell — NAME

Vinyl Operator — DEPARTMENT

1-29-80 — 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 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 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.

Color weighroom

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 exposure.

True ____ False X

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

VAB.0001081411

SAFETY TRAINING MEETING ATTENDANCE RECORD

A

TOPIC: VCM + Lead Tape + Slide Show DATE: 1/14/80

LOCATION: Training Room NUMBER OF HOURS: 1.2

OUTLINE OF PRESENTATION (Major points, demonstrations, what was practiced, slide/tape, film, etc.). Attach separate sheet if necessary.

yearly training for VCM + Lead tape + slide show.

EMPLOYEE SUGGESTIONS AND PLANNED CORRECTIVE ACTION:

use for January safety meeting

Jerry Roberts
Instructor/Supervisor

TRAINEES

| DEPT. | CLOCK NO. | NAME (Print) | DEPT. | CLOCK NO. | NAME (Print) |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

90

-TEST, 1980

A

NAME Helen Pennitt DEPARTMENT LAB DATE 1-13-80

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 _____ 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 (S) 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 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.

Weigh lead in Cpd Weigh 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 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

VAB.0001081413

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

1.00

-TEST, 1980

A

NAME [illegible] DEPARTMENT L06 DATE 1-14-80

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 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 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.

Charging Kettles

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

VAB.0001081414

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

80

-TEST, 1980

A

B. Adams — NAME

Lab — DEPARTMENT

1/14/80 — DATE

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.

Fresh air

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.0001081415

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

-TEST, 1980

NAME [illegible] DEPARTMENT [illegible] DATE 1-13-80

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 (S) 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.

Charging blenders

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.0001081416

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

80

-TEST, 1980

A

NAME [illegible] DEPARTMENT [illegible] DATE 1-14-80

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 (S) 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.

Changing Blades

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.0001081417

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

100

A

# VCM EXPOSURE TRAINING

-TEST 1980

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, acraosteolyis ("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 _____ 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( )

80

A

VCM EXPOSURE TRAINING

-TEST 1980

Jimmy Tate — NAME | Vinyl — DEPARTMENT | 1-14-80 — 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, acraosteolyis ("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( )

VAB.0001081419

100

A

# VCM EXPOSURE TRAINING

-TEST 1980

NAME C. Morgan DEPARTMENT Vinyl DATE 1-13-80

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, acraosteolyis ("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( )

100

A

VCM EXPOSURE TRAINING

-TEST 1980

Douglas Spann — NAME

Vinyl — DEPARTMENT

1-14-80 — 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, acraosteolyis ("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( )

VAB.0001081421

100

A

VCM EXPOSURE TRAINING

-TEST, 1980

Rodger Collins — NAME

Vinyl — DEPARTMENT

1/13/80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081422

95

A

VCM EXPOSURE TRAINING

-TEST 1980

Bob Newman — NAME
Vinyl — DEPARTMENT
1/14/80 — 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, acraosteolyis ("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 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( )

A

1pp

VCM EXPOSURE TRAINING

-TEST, 1980

Jerry W. Easton — Vinyl — 1-14-80

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, acraosteolyis ("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( )

VAB.0001081424

70

A

# VCM EXPOSURE TRAINING

-TEST 1980

NAME [illegible] DEPARTMENT [illegible] DATE 1-14-80

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, acraosteolyis ("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 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( )

VAB.0001081425

90

VCM EXPOSURE TRAINING

-TEST 1980

NAME [illegible] DEPARTMENT VINYL DATE 1-14-80

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, acraosteolyis ("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( )

VAB.0001081426

90

A

VCM EXPOSURE TRAINING

-TEST 1980

B. Adams — NAME

Lab — DEPARTMENT

1/14/80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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

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(X) False( )

VAB.0001081427

100

A

# VCM EXPOSURE TRAINING

-TEST 1980

NAME Tommy Stile DEPARTMENT Lab DATE 1-17-80

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, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081428

100

A

VCM EXPOSURE TRAINING

-TEST 1980

Artis Jones — NAME

Lab — DEPARTMENT

1-13-80 — 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, acraosteolyis ("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( )

VAB.0001081429

80

A

# VCM EXPOSURE TRAINING

-TEST 1980

L. Kutar
NAME

DEPARTMENT

1-14-80
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, acraosteolyis ("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 ✓ 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( )

VAB.0001081430

100

VCM EXPOSURE TRAINING

TEST 1980

NAME [illegible] DEPARTMENT [illegible] DATE 1-17-80

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, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081431

80

# VCM EXPOSURE TRAINING

-TEST, 1980

NAME Eu[illegible] DEPARTMENT [illegible] DATE [illegible]

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, acraosteolyis ("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 _____ 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( )

75

A

VCM EXPOSURE TRAINING

-TEST 1980

Robert Gates — NAME | V — DEPARTMENT | 1-14-80 — 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, acraosteolyis ("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( )

A

# SAFETY/TRAINING MEETING ATTENDANCE RECORD

TOPIC: VCM, Lead Tape + Slide Show DATE: 1/14/80

LOCATION: Training Room NUMBER OF HOURS: 1.2

OUTLINE OF PRESENTATION (Major points, demonstrations, what was practiced, slide/tape, film, etc.). Attach separate sheet if necessary.

yearly training on VCM, Lead tape + slide show.

EMPLOYEE SUGGESTIONS AND PLANNED CORRECTIVE ACTION:

Jerry Roberts
Instructor/Supervisor

## TRAINEES

| DEPT. | CLOCK NO. | NAME (Print) | DEPT. | CLOCK NO. | NAME (Print) |
|---|---|---|---|---|---|
| P-1 | 1323 | JACK WERTZ | | | |
| P-1 | 823 | JERRY NOLAND | | | |
| Vinyl | | James Barton | | | |
| Comp | 955- | Pam Ward | | | |
| Vinyl | | Bobby HAWKINS | | | |
| " | | Charles R. Miller | | | |
| Comp | 960 | Willie Nails | | | |
| Comp | 1658 | Leon Eaton | | | |
| P-1 | 1861 | [illegible] | | | |

VAB.0001081434

100

A

VCM EXPOSURE TRAINING

-TEST 1980

NAME BARTON JIM DEPARTMENT VINYL DATE 1/14/80

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, acraosteolyis ("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( )

VAB.0001081435

100

A

# VCM EXPOSURE TRAINING

-TEST 1980

Charles R Miller — NAME
Vinyl Operations — DEPARTMENT
1-14-80 — 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, acraosteolyis ("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( )

VAB.0001081436

95

VCM EXPOSURE TRAINING

-TEST 1980

Bobby Hawkins — NAME | Vinyl — DEPARTMENT | 1-14-80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081437

85

A

VCM EXPOSURE TRAINING

-TEST, 1980

NAME Leon Gates DEPARTMENT P-1 DATE 1-14-80

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, acraosteolyis ("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 1 ppm average for any eight hour period and 10 ppm for any 15 minute period.

-5

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

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(X) False( )

VAB.0001081438

90

A

# VCM EXPOSURE TRAINING

-TEST 1980

NAME J. W. [illegible] DEPARTMENT P-1 DATE 1-14-80

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, acraosteolyis ("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( )

VAB.0001081439

100

A

VCM EXPOSURE TRAINING

-TEST 1980

NAME Terry Noland DEPARTMENT Plasticizer DATE 1-14-88

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, acraosteolyis ("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( )

VAB.0001081440

70

# VCM EXPOSURE TRAINING

-TEST 1980

Fred Davis — NAME

D-1 — DEPARTMENT

1-11-80 — 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, acraosteolyis ("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( )

70

# VCM EXPOSURE TRAINING

TEST 1980

NAME Paul Ford DEPARTMENT Compound DATE 1-14-80

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, acraosteolyis ("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 ppm average for any eight hour period and 1000 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( )

A

90

VCM EXPOSURE TRAINING

-TEST 1980

[illegible] Compound 1-14-80

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(X) False( )

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

True(X) 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 8 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( )

VAB.0001081443

1.0.0

-TEST, 1980

A

Charles R. Miller — NAME
Vinyl Operation — DEPARTMENT
1-14-80 — DATE

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.

Charging Compound Blenders

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.

VAB.0001081444

True ____ False ✓

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

79

-TEST, 1980

A

NAME Leon Gates DEPARTMENT P-1 DATE 1-14-80

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 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 (S) hours during a work period.

True X False ____

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

5

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.

Fresh AIR MASK

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 X False ____

VAB.0001081445

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

-TEST, 1980

A

NAME FRED WAC DEPARTMENT P DATE 1-14-

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 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 (S) 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.

MASK

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.0001081446

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

-TEST, 1980

A

NAME J. West DEPARTMENT P-1 DATE 1-14-80

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.

Emptying bags into the blenders

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.0001081447

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

70.

-TEST, 1980

A

NAME [illegible] DEPARTMENT [illegible] DATE 1-14-80

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 2 3 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 (S) 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.

Dust mask

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.0001081448

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

90

-TEST, 1980

A

NAME [illegible] DEPARTMENT [illegible] DATE [illegible]

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 30 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.

_____

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.0001081449

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

90

-TEST, 1980

A

NAME Larry Nolan DEPARTMENT Plastics DATE 1-14-80

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 30 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 (S) 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 up Compound Batches

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.0001081450

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

A

# SAFETY/TRAINING MEETING ATTENDANCE RECORD

TOPIC: VCM, Lead tape + slide show DATE: 1/15/80

LOCATION: Training Room NUMBER OF HOURS: 1.2

OUTLINE OF PRESENTATION (Major points, demonstrations, what was practiced, slide/tape, film, etc.). Attach separate sheet if necessary.

yearly training on VCM + Lead

EMPLOYEE SUGGESTIONS AND PLANNED CORRECTIVE ACTION:

Jerry Roberts
Instructor/Supervisor

## TRAINEES

| DEPT. | CLOCK NO. | NAME (Print) | DEPT. | CLOCK NO. | NAME (Print) |
|---|---|---|---|---|---|
| Lab | | J H Williams ✓ | | | |
| " | 1464 | DAVID Thompson ✓ | | | |
| " | 1559 | Eugene Lightsey ✓ | | | |
| Mint | 544 | Billy Oliver ✓ | | | |
| " | 990 | Luke J Threatt, II ✓ | | | |
| LAB | | D. Cage ✓ | | | |
| Maint | 1387 | Joe A Dam ✓ | | | |
| Maint | 674 | Herbert Jackson ✓ | | | |
| Maint | 1474 | Kenneth Archer ✓ | | | |
| Maint | 532 | Ed Mize ✓ | | | |

-TEST, 1980

A

NAME [illegible] DEPARTMENT [illegible] DATE 1-15-80

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 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 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.

Charging Compound Blenders

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

VAB.0001081452

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

90

-TEST, 1980

A

Jackson Herbert L. | Mix-7. | 1-15-80
NAME | DEPARTMENT | DATE

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.

Charging Blenders

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.0001081453

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

100

-TEST, 1980

A

DAVID Thompson — NAME
LAB — DEPARTMENT
11/15/80 — DATE

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.

Charging Blenders line 1 + 3

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.0001081454

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

-TEST, 1980

NAME P. Cox DEPARTMENT 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 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 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.

_____

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 ____

VAB.0001081455

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

10

-TEST, 1980

A

J. R. Williams — NAME

Laboratory — DEPARTMENT

1-15-80 — DATE

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 (S) 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.

Changing blenders on line 1 & 3.

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.0001081456

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

100

-TEST, 1980

A

NAME Joe A Gaza DEPARTMENT Maint DATE 1/15/80

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 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 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.

Charging Blender

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

VAB.0001081457

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

A

-TEST, 1980

Kenneth Fischer — NAME
Maint. — DEPARTMENT
1-15-80 — DATE

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.

Charging Blenders

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.0001081458

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

90.

-TEST, 1980

A

Edward C. Mize | Maint | 1-15-80

NAME | DEPARTMENT | 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 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 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 X 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.

Charging Blenders

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

VAB.0001081459

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

LEAD EXPOSURE PROGRAMS

-TEST, 1979-

100

A

Billy Oliver — NAME

Maint. — DEPARTMENT

1/15/80 — 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 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 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.

Cleaning Blender

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

VAB.0001081460

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

1,0

-TEST, 1979-

A

NAME Luke Thradgill DEPARTMENT Maintenance DATE 1/15/80

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 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 Y 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.

Changing Blenders

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

VAB.0001081461

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

100

# VCM EXPOSURE TRAINING

## -TEST 1980

NAME D. COX DEPARTMENT LAB DATE 1/15/80

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, acraosteolyis ("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 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(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

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(X) False( )

100

VCM EXPOSURE TRAINING

-TEST 1980

Edward Mize — NAME

MAINT. — DEPARTMENT

1-15-79 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

100

# VCM EXPOSURE TRAINING

-TEST 1980

NAME Kenneth Archer DEPARTMENT Maint. DATE 1-15-80

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, acraosteolyis ("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 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(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

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(X) False( )

G5

# VCM EXPOSURE TRAINING

-TEST 1980

JACKSON Herbert L. — NAME
Maint. — DEPARTMENT
1-15-80 — 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, acraosteolyis ("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 one 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 1980

NAME Joe A Gaw DEPARTMENT Maint DATE 1/15/80

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, acraosteolyis ("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 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(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

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(X) False( )

100

A

# VCM EXPOSURE TRAINING

-TEST 1980

Eugene H Dilworth — NAME | Lab — DEPARTMENT | 1-15-80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081467

100

A

VCM EXPOSURE TRAINING

-TEST 1980

Billy Oliver — NAME

Maint. — DEPARTMENT

1/15/80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081468

A

100

VCM EXPOSURE TRAINING

-TEST 1980

Thardgill — NAME

Maint — DEPARTMENT

1/15/80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081469

100

# VCM EXPOSURE TRAINING

-TEST 1980

J. R. Williams — NAME
Laboratory — DEPARTMENT
1-15-80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

100

A

VCM EXPOSURE TRAINING

-TEST 1980

DAVID Thompson — NAME
LAB — DEPARTMENT
1/15/80 — 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, acraosteolyis ("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( )

VAB.0001081471

# SAFETY/TRAINING MEETING ATTENDANCE RECORD

TOPIC: VCM Lead Tape + Slide Show DATE: 1/14/80

LOCATION: Training Room NUMBER OF HOURS: 1.2

OUTLINE OF PRESENTATION (Major points, demonstrations, what was practiced, slide/tape, film, etc.). Attach separate sheet if necessary.

Yearly training on VCM, Lead tape + Slide show.

EMPLOYEE SUGGESTIONS AND PLANNED CORRECTIVE ACTION:

Jerry Robertson
Instructor/Supervisor
R. Brit

TRAINEES

| DEPT. | CLOCK NO. | NAME (Print) | DEPT. | CLOCK NO. | NAME (Print) |
|---|---|---|---|---|---|
| Comp. | 2219 | Darrell Perry | | | |
| " | 1895 | JAMES HOWELL | | | |
| Cryoblend | 489 | M. F. Lester | | | |
| Cop. | 1787 | THOMAS-GALVESTON | | | |
| " | 2916 | Willie W. White | | | |
| " | 578 | JOHN KEATON | | | |
| " | 2009 | Forrest Caffey | | | |
| " | 1784 | Coleman Nelson | | | |
| " | 1603 | LESTER TANNER | | | |
| " | 0772 | Bobby Hamilton | | | |
| Cmpd | | Jamie Muga | | | |
| | | Robert Brit | | | |

VAB.0001081472

70

-TEST, 1980

JOHN KEATON — NAME
COMPOUND — DEPARTMENT
1-14-80 — DATE

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 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 ✓ 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.

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.0001081473

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

50

-TEST, 1980

A

NAME Frank McMullin DEPARTMENT Com Pound DATE 1-14-80

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 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 ✓ 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.

_____

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.0001081474

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

80

-TEST, 1980

A

NAME James [illegible] DEPARTMENT Comp DATE 1-14-88

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

True Yes 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.

Fresh Air Mask

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.0001081475

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

9d

-TEST, 1980

A

NAME Willie Wilkins DEPARTMENT Comp. DATE 1-14-80

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.

Fresh air mask

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.0001081476

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

LEAD EXPOSURE TRAINING

4.0

-TEST, 1980

Coleman Hoyner | Greenhouse | 1-14-80

NAME | DEPARTMENT | DATE

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 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 ____ 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.

_____

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.0001081477

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

45

-TEST, 1980

THOMAS GILLEYLEN — NAME
LINE III — DEPARTMENT
1-14-80 — DATE

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 12 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.

_____

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.0001081478

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

A.

-TEST, 1980

Robert J. Hamilton — NAME
Compounding — DEPARTMENT
1-14-80 — DATE

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 (S) 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.

Stabilizer

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.0001081479

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

90

-TEST, 1980

ROBERT BRISTOL — NAME
COMPOUND — DEPARTMENT
1-14-80 — DATE

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.

DUST RESPIRATOR

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.0001081480

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

90

-TEST, 1980

LESTER DANNER | COMPOUND | 1-14-80
NAME | DEPARTMENT | DATE

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.

CHARGING BLENDERS.

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.0001081481

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

LEAD CATCHING ANALYSIS

-TEST, 1980

75

NAME [illegible] DEPARTMENT [illegible] DATE 1-14-80

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

True True False ____

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

True True False ____

3. The exposure limit for lead is 5 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 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 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.

DS 207

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 False

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

True 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 False

VAB.0001081482

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

LEAD SAFE USING SUMMARY

1.65

-TEST, 1980

A

Darrell Thing — NAME
Compound — DEPARTMENT
1-14-79 — DATE

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.

Charging compound blender

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.0001081483

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

9

-TEST, 1980

A

JANICE MINGA — NAME
Compound — DEPARTMENT
1-14-1980 — DATE

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 (S) 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.

changing blenders - weighing! color weigh 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.0001081484

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

90

A

# VCM EXPOSURE TRAINING

-TEST 1980

ROBERT BRISTOL — NAME
COMPOUND — DEPARTMENT
1-14-80 — 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, acraosteolyis ("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( )

VAB.0001081485

80

A )

# VCM EXPOSURE TRAINING

-TEST 1980

THOMAS-GILLEXIEN NAME | LINE III DEPARTMENT | 1-14-80 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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 YES 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( )

10

A

# VCM EXPOSURE TRAINING

-TEST 1980

JOHN KENTON — NAME
COMPOUND — DEPARTMENT
1-14-80 — 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, acraosteolyis ("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 / 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 40 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( )

VAB.0001081487

40

A

# VCM EXPOSURE TRAINING

-TEST 1980

Darrell Perry — NAME
compound — DEPARTMENT
1-14-80 — 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, acraosteolyis ("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 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( )

VAB.0001081488

100

A

# VCM EXPOSURE TRAINING

-TEST 1980

James Howell — NAME
Comp — DEPARTMENT
1-14-80 — 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, acraosteolyis ("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( )

90

A

VCM EXPOSURE TRAINING

-TEST 1980

Willie Wilhite — NAME
Comp — DEPARTMENT
1-14-80 — 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, acraosteolyis ("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( )

VAB.0001081490

75

A

# VCM EXPOSURE TRAINING

-TEST 1980

NAME [illegible] DEPARTMENT [illegible] DATE 1-14-80

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, acraosteolyis ("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 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(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

8. Our Honeywell continuous monitors alarm when 10.0 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(X) False( )

VAB.0001081491

85

A

# VCM EXPOSURE TRAINING

-TEST 1980

Robert J. Hamilton — NAME
Compound — DEPARTMENT
1-14-80 — 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, acraosteolyis ("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( )

VAB.0001081492

10

A

VCM EXPOSURE TRAINING

-TEST 1980

Frank McMillin — NAME
Compound — DEPARTMENT
1-14-80 — 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, acraosteolyis ("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 _____ 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( )

VAB.0001081493

7b

A

# VCM EXPOSURE TRAINING

-TEST 1980

Coleman Haynes — NAME | 920 — DEPARTMENT | 1-14-80 — 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, acraosteolyis ("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 10.0 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( ✓ )

7 0

A

VCM EXPOSURE TRAINING

-TEST 1980

LESTER DANNER — NAME
COMPOUND — DEPARTMENT
1-14-80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081495

# SAFETY/TRAINING MEETING ATTENDANCE RECORD

A

TOPIC: VCM, Lead Tape + Slide Show DATE: 1/15/80

LOCATION: Training Room NUMBER OF HOURS: 1.2

OUTLINE OF PRESENTATION (Major points, demonstrations, what was practiced, slide/tape, film, etc.). Attach separate sheet if necessary.

Yearly training on VCM, Lead tape + slide show

EMPLOYEE SUGGESTIONS AND PLANNED CORRECTIVE ACTION:

Jerry Roberts
Instructor/Supervisor

TRAINEES

| DEPT. | CLOCK NO. | NAME (Print) | DEPT. | CLOCK NO. | NAME (Print) |
|---|---|---|---|---|---|
| Comp | 1424 | Hank Baughm ✓ | | | |
| " | 1337 | Payne Curly ✓ | | | |
| " | | Willie Rowe ✓ | | | |
| " | 485 | Ola Wagner ✓ | | | |
| " | 1804 | James Pulliam ✓ | | | |
| " | 2224 | Earnest Randle ✓ | | | |
| " | 1909 | B. Morgan ✓ | | | |
| " | 1847 | R. Jackson ✓ | | | |

VAB.0001081496

/ 100

-TEST, 1979-

A

Erskin A. Morgan — NAME
Compound — DEPARTMENT
1-15-80 — DATE

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 Compound Batches, Charging Blender (Compound)

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.0001081497

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

100

-TEST, 1979-

Robert A Jackson — NAME

Compound — DEPARTMENT

1-15-80 — DATE

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.

Chargeing Blenders

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.0001081498

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

85

-TEST, 1979-

NAME [illegible] DEPARTMENT Compound DATE 1-15-80

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.

[illegible] Charge with lead [illegible]

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.0001081499

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

85

-TEST, 1979-

NAME Cully Payne DEPARTMENT Compound DATE 1-15-80

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 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 ✓ False ____

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

5

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.

Charging Blender

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 ✓

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

VAB.0001081500

100

-TEST, 1979-

James Pullion — NAME
Compound — DEPARTMENT
1-15-80 — DATE

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.

Work in color weight Room - Charging line 3 blender

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.0001081501

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

LEAD EXPOSURE TRAINING

90 -TEST, 1979-

Earnest Randle — NAME
Compound — DEPARTMENT
1-15-80 — DATE

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 18 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.

Changing A Blender

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 ✓

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

80 ~~75~~

# LEAD EXPOSURE TRAINING

-TEST, 1979-

Willie Ramm — NAME
comp. — DEPARTMENT
1-15-80 — DATE

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.

   Chrain Blasser

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.0001081503

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

106

-TEST, 1979-

4

Hamil Baughn — NAME
Comp — DEPARTMENT
1/15/80 — DATE

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.

[redacted] charging blender

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.0001081504

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

VCM EXPOSURE TRAINING

-TEST 1980

Robert A Jackson — NAME | Compound — DEPARTMENT | 1-15-80 — 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, acraosteolyis ("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( )

VAB.0001081505

100

# VCM EXPOSURE TRAINING

-TEST 1980

Erskin A. Morgan — NAME
Compound — DEPARTMENT
1-15-80 — 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, acraosteolyis ("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( )

VAB.0001081506

# VCM EXPOSURE TRAINING

-TEST 1980

NAME Curly Payne DEPARTMENT Compound DATE 1-15-80

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, acraosteolyis ("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( )

90

# VCM EXPOSURE TRAINING

-TEST 1980

NAME James Pullam DEPARTMENT Compound DATE 1-15-80

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, acraosteolyis ("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( )

90

# VCM EXPOSURE TRAINING

-TEST 1980

Willie Rowe — NAME
Comp — DEPARTMENT
1-15-80 — 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, acraosteolyis ("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( )

90

# VCM EXPOSURE TRAINING

-TEST 1980

NAME [illegible] DEPARTMENT [illegible] DATE 1-15-80

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, acraosteolyis ("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 _____ 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( )

85

A

VCM EXPOSURE TRAINING

-TEST 1980

NAME Hamel Baughn DEPARTMENT compound DATE 1/15/80

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, acraosteolyis ("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 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( )

VAB.0001081511

90

A

VCM EXPOSURE TRAINING

-TEST 1980

NAME Earnest Randle DEPARTMENT Compound DATE 1-15-80

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, acraosteolyis ("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 2 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( )

VAB.0001081512

# SAFETY/TRAINING MEETING ATTENDANCE RECORD

4

TOPIC: VCM, Lead Tape + Slide Show DATE: 1/17/80

LOCATION: Training Room NUMBER OF HOURS: 1.2

OUTLINE OF PRESENTATION (Major points, demonstrations, what was practiced, slide/tape, film, etc.). Attach separate sheet if necessary.

yearly training on VCM, Lead tape + slide show.

EMPLOYEE SUGGESTIONS AND PLANNED CORRECTIVE ACTION:

Jerry Roberts
Instructor/Supervisor
Albert Barr

Safety Meeting for "C" Vinyl & Lab.

TRAINEES

| DEPT. | CLOCK NO. | NAME (Print) | | DEPT. | CLOCK NO. | NAME (Print) | |
|---|---|---|---|---|---|---|---|
| LAB | 1335 | JAMES M. GRAY | ✓ | Lab | | J.V. Hartman | ✓ |
| | 2220 | Gary Fundenberg | ✓ | Vinyl | | Jatten Reeves | ✓ |
| | | Bobby Joe Grimble | ✓ | | | | |
| 904 | 1183 | Tommy Cummings | ✓ | | | | |
| 904 | 671 | Jerry Crosby | ✓ | | | | |
| Comp | 2017 | Dallas Ford | ✓ | | | | |
| Vinyl | 530 | Steve Kilgore | ✓ | | | | |
| " | 1648 | LEE CHILDERS | ✓ | | | | |
| " | 920 | Harry Dyke | ✓ | | | | |
| | | Jeff Lee | ✓ | | | | |
| " | 1320 | Pittman | ✓ | | | | |
| | 1609 | CHARLIE DOLLC | ✓ | | | | |
| " | 792 | B. Shannon | ✓ | | | | |
| YARD | 1061 | G. Hunt | ✓ | | | | |
| Vinyl | 1649 | L.W. Ewal | ✓ | | | | |
| Comp | 1246 | JOV SUTTON | ✓ | | | | |
| " | 1749 | WILLIAM PARKS | ✓ | | | | |
| " | 6 | ALBERT BARR | ✓ | | | | |
| Comp. | 720 | Lee Roy Howell | ✓ | | | | |
| " | 1548 | R. McCallum Sr | ✓ | | | | |
| " | 1843 | W. Wilson | ✓ | | | | |
| " | 1386 | Jerome McMullin | ✓ | | | | |
| " | 1356 | Jimmye Morgan | ✓ | | | | |
| " | 1794 | Billy Finney | ✓ | | | | |
| " | 1521 | Charles E. Reed | ✓ | | | | |

VCM EXPOSURE TRAINING

-TEST 1980

A. C. Pettus — NAME

Vinyl — DEPARTMENT

1-17-80 — 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, acraosteolyis ("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( )

VAB.0001081514

1CD

# VCM EXPOSURE TRAINING

-TEST 1980

4

NAME Tommy Cummings DEPARTMENT LAB DATE 1/17/80

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, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081515

100

4

VCM EXPOSURE TRAINING

-TEST 1980

NAME Terry R. Crosby DEPARTMENT LAB DATE 1-17-80

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, acraosteolyis ("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 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( 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

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( X ) False( )

90

4

# VCM EXPOSURE TRAINING

-TEST 1980

NAME Steve Kilgore DEPARTMENT [illegible] DATE 1-17-79

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, acraosteolyis ("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( )

VAB.0001081517

100

4

VCM EXPOSURE TRAINING

-TEST 1980

NAME Mike Gray DEPARTMENT LAB DATE 1-17-80

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, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081518

90

VCM EXPOSURE TRAINING

-TEST 1980

NAME Jimmy Bauer DEPARTMENT VHRd DATE 1-17-80

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, acraosteolyis ("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( )

90

A

VCM EXPOSURE TRAINING

-TEST 1980

William E West — Finish — 1-16-79

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 (X) False ( )

2. A finger bone disease, acraosteolyis ("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 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 (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

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 (X) False ( )

VAB.0001081520

90



# VCM EXPOSURE TRAINING

-TEST 1980

NAME Don's Spouse DEPARTMENT J.N.Y DATE 1-17-80

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, acraosteolyis ("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( )

VAB.0001081521

9D

4

# VCM EXPOSURE TRAINING

-TEST 1980

J. Sutton | COMP | 1-17-80

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, acraosteolyis ("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( )

VAB.0001081522

95



# VCM EXPOSURE TRAINING

-TEST 1980

NAME Larry Frye DEPARTMENT Vinyl DATE 1-18-75

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, acraosteolyis ("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 No 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( )

95

VCM EXPOSURE TRAINING

-TEST, 1980

NAME C. Polk DEPARTMENT Vinyl DATE 1-17-80

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, acraosteolyis ("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 1 Pm 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 Pm 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

# VCM EXPOSURE TRAINING

-TEST 1980

NAME Lee Childers DEPARTMENT Vinyl DATE 1-17-80

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, acraosteolyis ("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( )

VAB.0001081525

18

# VCM EXPOSURE TRAINING

-TEST 1980

J.V. Hartman — Lab — 1/18/80

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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081526

VCM EXPOSURE TRAINING

-TEST 1980

NAME Rick Bear DEPARTMENT Vinyl DATE 1-12-80

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, acraosteolyis ("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 7 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( )

VAB.0001081527

70

VCM EXPOSURE TRAINING

-TEST 1980

NAME [illegible] DEPARTMENT Vinyl DATE 1-17-80

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, acraosteolyis ("AOL"), has been linked to the manual cleaning of PVC reactors.

True( ) False( )

3. Liquid VCM can cause severe frostbite.

True( X ) 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( 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

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( X ) False( )

VAB.0001081528

95

VCM EXPOSURE TRAINING

-TEST, 1980

Kelly Lee Tumble — NAME

Vinyl — DEPARTMENT

1-17-80 — 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, acraosteolyis ("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( )

90

# VCM EXPOSURE TRAINING

-TEST 1980

NAME Jimmie J. Morgan DEPARTMENT Compound DATE 1-17-80

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, acraosteolyis ("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 _____ 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 1980

Albert Barr — NAME
Compound — DEPARTMENT
1-17-80 — 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, acraosteolyis ("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( )

10

VCM EXPOSURE TRAINING

-TEST 1980

William Parker — NAME
Compound — DEPARTMENT
1-17-80 — 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, acraosteolyis ("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( )

85

# VCM EXPOSURE TRAINING

-TEST 1980

Lee R. Lowell — Compound — 1-17-80

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, acraosteolyis ("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 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 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( )

70

# VCM EXPOSURE TRAINING

-TEST 1980

Robert Mahaffey Jr — NAME
Comp — DEPARTMENT
1-12-2[illegible] — 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, acraosteolyis ("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 1 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( )

VAB.0001081534

75

# VCM EXPOSURE TRAINING

-TEST 1980

NAME Jerome McMillin DEPARTMENT Compound DATE 1-17-80

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, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081535

75

VCM EXPOSURE TRAINING

-TEST 1980

Willie Wilson — NAME
Compound — DEPARTMENT
1-17-80 — 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(X) False( )

2. A finger bone disease, acraosteolyis ("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 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(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

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(X) False( )

VAB.0001081536

95

# VCM EXPOSURE TRAINING

-TEST 1980

NAME Bill Ferguson DEPARTMENT Comp DATE 1/17/80

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, acraosteolyis ("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( )

75

VCM EXPOSURE TRAINING

-TEST 1980

Charles E. Reed — NAME
Compound — DEPARTMENT
1-17-80 — 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, acraosteolyis ("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 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( )

VAB.0001081538

80

VCM EXPOSURE TRAINING

-TEST 1980

NAME Dale Bar DEPARTMENT Comp DATE 1/17/80

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, acraosteolyis ("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 3 ppm average for any eight hour period and 7 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( )

100

VCM EXPOSURE TRAINING

-TEST, 1979-

NAME Alton Reeves DEPARTMENT Vinyl DATE 1/18/80

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, acraosteolyis ("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 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(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

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(X) False( )