90

A

VCM EXPOSURE TRAINING
TEST, 1981

Alec Kerner — NAME
Compound — DEPARTMENT
2-25-81 — DATE

1. The eight-hour exposure limit for VCM is 1 parts per million (average).

2. The 15-minute exposure limit for VCM is 5 parts per million (average).

3. You are required to wear an approved respirator in VCM concentrations above:

   (a) 1.0 ppm b. 0.5 ppm c. 10.0 ppm d. 5.0 ppm

4. VCM is not a fire hazard. ___ True ✓ False

5. Exposure to high levels of VCM over long periods of time may cause liver cancer and chromosome damage. ✓ True ___ False

6. If you can't smell any VCM, you can be sure that there is not enough around to hurt you. ___ True ✓ False

7. VCM is a colorless gas at normal temperature and pressure. ✓ True ___ False

8. Breathing the smoke from burning VCM can cause severe lung damage or death. ✓ True ___ False

9. Indicators of VCM leaks include "icing" and "hissing" sounds from processing equipment. ✓ True ___ False

10. You must stay out of VCM regulated areas except when you have a reason to enter them because of your work. ✓ True ___ False

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

12. The VCM regulated areas in the plant are: (Circle a, b, c, or d)

    a. The old reactor area and the VCM tank farm

    b. The VCM compressor shed and the tops of the large slurry blend tanks.

    ✓ c. The two vinyl reactor areas, the tops of the large slurry blend tanks, the VCM compresser shed, and the tops of VCM tank cars.

    d. The VCM storage sphere, the recovery areas in both vinyl units, the tops of VCM tank cars, and the east half of the plasticizer tank farm.

13. You must wear protective clothing when doing any job where your skin might come in contact with liquid VCM. ✓ True ___ False

14. Any part of the body which is exposed to liquid VCM may be quickly and severely frostbiten. ✓ True ___ False

15. When a VCM emergency begins, all plant workers not directly involved with handling the situation should immediately assemble in a group just north of the guardhouse. ✓ True ___ False

TEST CONTINUED ON BACK

16. VCM cannister masks may be used in VCM concentrations below 10 ppm for up to 10 hours. They must not be used in higher concentrations except to escape from danger. ____ True ✓ False

17. Air-line respirators may be used in VCM concentrations of no more than 1000 ppm. They must not be used in unknown concentrations. ✓ True ____ False

18. Scott Air Paks must be worn in VCM concentrations above 1000 ppm. They must also be worn in unknown concentrations. ✓ True ____ False

19. Breathing high concentrations of VCM can cause you to pass out. ✓ True ____ False

20. One of the purposes of the medical surveillance program is to detect the symptoms of VCM related illness as early as possible. ✓ True ____ False

85

A

LEAD EXPOSURE TRAINING

-TEST, 1981-

Olen Verner — NAME
Compound — DEPARTMENT
9-25-81 — DATE

(1) The eight-hour exposure limit for lead is 50 micrograms of lead per cubic meter of air.

(2) The exposure limit for lead is lowered if you work more than eight (8) hours in a day. True( ) False(✓)

(3) When working with or around lead, you should wash your hands, arms and face (Circle best answer: a, b, c, or d):

a. Before you leave work.
b. Before eating, drinking, smoking, or using any cosmetics.
c. Twice each shift.
d. After eating, drinking, or smoking.

(4) You are allowed to clean lead materials from your clothing with compressed air, provided the air hose is equipped with a safety nozzle. True( ) False(✓)

(5) Lead raw materials used in the plant are: (Choose a, b, c, or d)

a. Liquids
b. Solids and Liquids
c. Powders (Mostly white ones).
d. Gases

(6) MSA "Dustfoe 66" dust masks are approved for use while charging blenders and working in the Color Weigh Room. True( ) False(✓)

(7) 3M "Airhat" respirators are approved for use while charging blenders, working in the Color Weigh Room or otherwise handling lead. True(✓) False( )

(8) Excessive amounts of lead in the body can cause serious harm, including death. True(✓) False( )

(9) The best medical test for blood levels in the body is the blood lead test. True(✓) False( )

(10) Excessive amounts of lead in the body can result in a wide variety of symptoms. True(✓) False( )

(11) A worker who is handling lead has no way of controlling his lead exposure. True( ) False(✓)

TEST CONTINUED ON BACK

(12) The lead materials used in the plant are not absorbed through the skin. True( ) False(✓)

(13) The use of compressed air for cleaning lead contaminated dusts is prohibited. True(✓) False( )

(14) Lead used in this plant can enter the body by (Circle a, b, c, d, or e.):

a. Breathing
b. Swallowing
c. Absorbing through the skin.
d. All of the above.
e. a & b only.

(15) Overhead vent fans and exhaust hoods must be kept running when making compound or dry blend. True(✓) False( )

(16) You are permitted to take food, drinks, etc. into lead work areas, provided you keep them covered up to prevent lead contamination. True( ) False(✓)

(17) It is important to your health for you to create as little dust as possible when handling empty lead containers such as bags. True(✓) False( )

(18) You must clean and test your 3M Airhat at least daily, at the end or the beginning of your shift. True(✓) False( )

(19) If you can't see any lead dust on your hands or clothing, you can be sure there's not enough on you to worry about. True( ) False(✓)

(20) Responsibility for controlling employee exposure to lead rests on: (Choose a, b, c, d, e, or f)

a. The Company
b. The Employee
c. The Environmental Protection Agency (EPA)
d. Both a. & c.
e. Both a. & b.
f. Both b. & c.

10

A

LEAD EXPOSURE TRAINING

-TEST, 1981-

NAME	DEPARTMENT	DATE
Willie Rice	Comp	2-25-81

(1) The eight-hour exposure limit for lead is 50 micrograms of lead per cubic meter of air.

(2) The exposure limit for lead is lowered if you work more than eight (8) hours in a day. True(✓) False( )

(3) When working with or around lead, you should wash your hands, arms and face (Circle best answer: a, b, c, or d):

a. Before you leave work.
b. Before eating, drinking, smoking, or using any cosmetics.
c. Twice each shift.
d. After eating, drinking, or smoking.

(4) You are allowed to clean lead materials from your clothing with compressed air, provided the air hose is equipped with a safety nozzle. True( ) False(✓)

(5) Lead raw materials used in the plant are: (Choose a, b, c, or d)

a. Liquids
b. Solids and Liquids
c. Powders (Mostly white ones).
d. Gases

(6) MSA "Dustfoe 66" dust masks are approved for use while charging blenders and working in the Color Weigh Room. True(✓) False( )

(7) 3M "Airhat" respirators are approved for use while charging blenders, working in the Color Weigh Room or otherwise handling lead. True( ) False(✓)

(8) Excessive amounts of lead in the body can cause serious harm, including death. True(✓) False( )

(9) The best medical test for blood levels in the body is the blood lead test. True(✓) False( )

(10) Excessive amounts of lead in the body can result in a wide variety of symptoms. True(✓) False( )

(11) A worker who is handling lead has no way of controlling his lead exposure. True(✓) False( )

TEST CONTINUED ON BACK

(12) The lead materials used in the plant are not absorbed through the skin. True(✓) False( )

(13) The use of compressed air for cleaning lead contaminated dusts is prohibited. True(✓) False( )

(14) Lead used in this plant can enter the body by (Circle a, b, c, d, or e.):

a. Breathing
b. Swallowing
c. Absorbing through the skin.
d. All of the above.
e. a & b only.

(15) Overhead vent fans and exhaust hoods must be kept running when making compound or dry blend. True(✓) False( )

(16) You are permitted to take food, drinks, etc. into lead work areas, provided you keep them covered up to prevent lead contamination. True( ) False(✓)

(17) It is important to your health for you to create as little dust as possible when handling empty lead containers such as bags. True(✓) False( )

(18) You must clean and test your 3M Airhat at least daily, at the end or the beginning of your shift. True(✓) False( )

(19) If you can't see any lead dust on your hands or clothing, you can be sure there's not enough on you to worry about. True( ) False(✓)

(20) Responsibility for controlling employee exposure to lead rests on: (Choose a, b, c, d, e, or f)

a. The Company
b. The Employee
c. The Environmental Protection Agency (EPA)
d. Both a. & c.
e. Both a. & b.
f. Both b. & c.

85

VCM EXPOSURE TRAINING
TEST, 1981

A

Willie Ramm — NAME
CAMP — DEPARTMENT
2-25-80 — DATE

1. The eight-hour exposure limit for VCM is 1 parts per million (average).

2. The 15-minute exposure limit for VCM is 5 parts per million (average).

3. You are required to wear an approved respirator in VCM concentrations above:

   a. 1.0 ppm b. 0.5 ppm c. 10.0 ppm d. 5.0 ppm

4. VCM is not a fire hazard. — T True ___ False

5. Exposure to high levels of VCM over long periods of time may cause liver cancer and chromosome damage. — ___ True F False

6. If you can't smell any VCM, you can be sure that there is not enough around to hurt you. — T True F False

7. VCM is a colorless gas at normal temperature and pressure. — T True ___ False

8. Breathing the smoke from burning VCM can cause severe lung damage or death. — T True ___ False

9. Indicators of VCM leaks include "icing" and "hissing" sounds from processing equipment. — T True ___ False

10. You must stay out of VCM regulated areas except when you have a reason to enter them because of your work. — T True ___ False

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

12. The VCM regulated areas in the plant are: (Circle a, b, c or d)

    a. The old reactor area and the VCM tank farm

    b. The VCM compressor shed and the tops of the large slurry blend tanks.

    c. The two vinyl reactor areas, the tops of the large slurry blend tanks, the VCM compresser shed, and the tops of VCM tank cars.

    d. The VCM storage sphere, the recovery areas in both vinyl units, the tops of VCM tank cars, and the east half of the plasticizer tank farm.

13. You must wear protective clothing when doing any job where your skin might come in contact with liquid VCM. — T True ___ False

14. Any part of the body which is exposed to liquid VCM may be quickly and severely frostbiten. — T True ___ False

15. When a VCM emergency begins, all plant workers not directly involved with handling the situation should immediately assemble in a group just north of the guardhouse. — ___ True F False

TEST CONTINUED ON BACK

16. VCM cannister masks may be used in VCM concentrations below 10 ppm for up to 10 hours. They must not be used in higher concentrations except to escape from danger. ___T___ True ____ False

17. Air-line respirators may be used in VCM concentrations of no more than 1000 ppm. They must not be used in unknown concentrations. ___T___ True ____ False

18. Scott Air Paks must be worn in VCM concentrations above 1000 ppm. They must also be worn in unknown concentrations. ___T___ True ____ False

19. Breathing high concentrations of VCM can cause you to pass out. ___T___ True ____ False

20. One of the purposes of the medical surveillance program is to detect the symptoms of VCM related illness as early as possible. ___T___ True ____ False

90

A

LEAD EXPOSURE TRAINING

-TEST, 1981-

Charles Warlow — NAME
Comp — DEPARTMENT
2-25-81 — DATE

(1) The eight-hour exposure limit for lead is 50 micrograms of lead per cubic meter of air.

(2) The exposure limit for lead is lowered if you work more than eight (8) hours in a day. True( ) False(✓)

(3) When working with or around lead, you should wash your hands, arms and face (Circle best answer: a, (b), c, or d):

a. Before you leave work.
(b) Before eating, drinking, smoking, or using any cosmetics.
c. Twice each shift.
d. After eating, drinking, or smoking.

(4) You are allowed to clean lead materials from your clothing with compressed air, provided the air hose is equipped with a safety nozzle. True( ) False(✓)

(5) Lead raw materials used in the plant are: (Choose a, b, (c), or d)

a. Liquids
b. Solids and Liquids
(c) Powders (Mostly white ones).
d. Gases

(6) MSA "Dustfoe 66" dust masks are approved for use while charging blenders and working in the Color Weigh Room. True( ) False(✓)

(7) 3M "Airhat" respirators are approved for use while charging blenders, working in the Color Weigh Room or otherwise handling lead. True(✓) False( )

(8) Excessive amounts of lead in the body can cause serious harm, including death. True(✓) False( )

(9) The best medical test for blood levels in the body is the blood lead test. True(✓) False( )

(10) Excessive amounts of lead in the body can result in a wide variety of symptoms. True(✓) False( )

(11) A worker who is handling lead has no way of controlling his lead exposure. True( ) False(✓)

TEST CONTINUED ON BACK

(12) The lead materials used in the plant are not absorbed through the skin. True( ) False(✓)

(13) The use of compressed air for cleaning lead contaminated dusts is prohibited. True(✓) False( )

(14) Lead used in this plant can enter the body by (Circle a, b, c, d, or e.):

a. Breathing
b. Swallowing
c. Absorbing through the skin.
d. All of the above.
e. a & b only.

(15) Overhead vent fans and exhaust hoods must be kept running when making compound or dry blend. True(✓) False( )

(16) You are permitted to take food, drinks, etc. into lead work areas, provided you keep them covered up to prevent lead contamination. True( ) False(✓)

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a. The Company
b. The Employee
c. The Environmental Protection Agency (EPA)
d. Both a. & c.
e. Both a. & b.
f. Both b. & c.

90

A

VCM EXPOSURE TRAINING
TEST, 1981

Charles Warlow — NAME
Comp — DEPARTMENT
2-25-81 — DATE

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2. The 15-minute exposure limit for VCM is 5 parts per million (average).

3. You are required to wear an approved respirator in VCM concentrations above:

   (a.) 1.0 ppm b. 0.5 ppm c. 10.0 ppm d. 5.0 ppm

4. VCM is not a fire hazard. ____ True ✓ False

5. Exposure to high levels of VCM over long periods of time may cause liver cancer and chromosome damage. ✓ True ____ False

6. If you can't smell any VCM, you can be sure that there is not enough around to hurt you. ____ True ✓ False

7. VCM is a colorless gas at normal temperature and pressure. ✓ True ____ False

8. Breathing the smoke from burning VCM can cause severe lung damage or death. ✓ True ____ False

9. Indicators of VCM leaks include "icing" and "hissing" sounds from processing equipment. ✓ True ____ False

10. You must stay out of VCM regulated areas except when you have a reason to enter them because of your work. ✓ True ____ False

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

12. The VCM regulated areas in the plant are: (Circle a, b, c, or d)

    a. The old reactor area and the VCM tank farm

    b. The VCM compressor shed and the tops of the large slurry blend tanks.

    (c.) The two vinyl reactor areas, the tops of the large slurry blend tanks, the VCM compresser shed, and the tops of VCM tank cars.

    d. The VCM storage sphere, the recovery areas in both vinyl units, the tops of VCM tank cars, and the east half of the plasticizer tank farm.

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18. Scott Air Paks must be worn in VCM concentrations above 1000 ppm. They must also be worn in unknown concentrations. ✓ True ____ False

19. Breathing high concentrations of VCM can cause you to pass out. ✓ True ____ False

20. One of the purposes of the medical surveillance program is to detect the symptoms of VCM related illness as early as possible. ✓ True ____ False