

ABERDEEN PVC PLANT
NEW EMPLOYEE SAFETY ORIENTATION
TRAINING CHECKLIST

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- | | | |
|------|--|---|
| (1) | ABERDEEN SAFETY ORIENTATION SHOW | ☒ JED |
| (2) | HEALTH SHOWS: VCM
LEAD
TOSCA | ☒ J.R. 5-6-81
☒ J.R. 5-6-81
☒ J.R. 5-6-81 |
| (3) | SAFETY RULE BOOKS: CONOCO
ABERDEEN | ☒ JED
☒ JED |
| (4) | DUPONT SAFETY ORIENTATION (#500) | ☒ JED |
| (5) | LIFTING: NSC BOOKLET
DISCUSSION | ☒ JED
☒ JED |
| (6) | FORKLIFT TRAINING: SHOW
FIELD | ☒ J.R. 5-6-81
☒ J.R. 5-6-81 |
| (7) | ELECTRICAL LOCKOUT: ALLIED CHEMICAL FILM
REVIEW OF ABERDEEN LOCKOUT PROCEDURE | ☐ |
| (8) | RESPIRATOR TRAINING: SCOTT AIR PACK
FRESH AIR
DUST | ☒ J.R. 5-6-81
☒ J.R. 5-6-81
☒ J.R. 5-6-81 |
| (9) | EQUIPMENT ENTRY: CHARTER OIL FILM
REVIEW OF ABERDEEN ENTRY PROCEDURE | ☒ JED
☒ JED |
| (10) | PICTURES TAKEN | ☒ JED |
| (11) | SAFETY EQUIPMENT ISSUED | ☒ JED |
| (12) | ALL QUIZ SHEETS CORRECTED AND ATTACHED | ☒ JED |
| (13) | INTRODUCTION TO PLANT MEDICAL | ☐ |

TRAINEES

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|-----|-------------------------|------|-------|
| (1) | <u>RICHARD METCALF</u> | (7) | _____ |
| (2) | <u>ALBERT L. GUNN</u> | (8) | _____ |
| (3) | <u>PAUL M. Cogsdell</u> | (9) | _____ |
| (4) | _____ | (10) | _____ |
| (5) | _____ | (11) | _____ |
| (6) | _____ | (12) | _____ |

DATE: 5-6-81

Paul M. Campbell

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ABERDEEN FORKLIFT TRAINING PROGRAM

SECTION I QUIZ

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- T 1. Good, competent, professional forklift operation is a safe operation and you can never be too experienced to learn more about safety.
- T 2. The first rule of safe forklift operation is to know the capacity of your truck.
- T 3. The load capacity of each of our forklift trucks is clearly marked on the identification plate on the truck.
- F 4. If you are in doubt about your forklift's ability to pick up a certain load, use the trial and error approach.
- T 5. A pre-work check of your forklift should be made to be sure it's working right and will operate safely.
- F 6. The further the center of the load is away from the front of the carriage, the larger the load you can pick up.
- F 7. All of the forklift trucks in the Aberdeen Plant are equipped with a hand brake.
- F 8. You should try to repair any problems you find during the pre-work check of the forklift truck.

ABERDEEN FORKLIFT TRAINING PROGRAM

SECTION II QUIZ

- T 1. A forklift truck steers with its rear wheels, not its front wheels like your car.
- F 2. When you are planning to make a turn while traveling forward, you should steer your forklift to the opposite side of the road or isle...in the direction you are going to turn.
- T 3. When traveling backward, the rear wheels should pass the corner and the front wheels should reach the corner before you start turning the steering wheel to make a turn.
- T 4. A forklift truck operator must always watch the rear swing of the truck as well as the front swing of the load.
- F 5. A forklift truck is much harder to steer when the forks are loaded.
- T 6. A forklift truck operator should always travel with the forks four to six inches above the ground.
- T 7. An operator should always inspect a load before he attempts to make a lift.
- T 8. When picking up a load with a forklift truck, always approach the load squarely.
- T 9. The forks should be spaced as widely as possible according to the load width and equally spaced from the sides of the carriage.
- F 10. At times, it might become necessary to make a lift with only one fork.
- F 11. At times, it might also become necessary to "pick up short", that is pick up a load with only part of your forks.
- T 12. An operator should never put his head, hands or feet out of the truck cage.
- T 13. Only the small Hyster forklift should ever be carried in the plant's elevators.
- F 14. It is better to drive forward up a ramp when your truck is empty.
- T 15. You should drive forward up a ramp and backwards down a ramp when your forks are loaded.

SECTION II QUIZ

T 16. Always cross railroad tracks at a 45 degree angle.

T 17. Passengers should never be carried on a forklift truck as it is designed for only one person...the operator.

T 18. Before depositing a load, the operator should take the time to inspect the place where he is going to unload.

T 19. You should never use full back tilt when high stacking. The safest condition is when the top of the mast is only a foot to 18 inches back from vertical.

T 20. If you have to leave the fork truck unattended for even a short time, you should lower the forks and turn off the engine.

ABERDEEN FORKLIFT TRAINING PROGRAM

SECTION III QUIZ

T 1. If the tractor is attached to the trailer, you should be sure to notify the driver that you are about to begin loading the trailer.

F 2. It is not necessary to chock the wheels of a trailer to be loaded if the tractor is attached.

T 3. In addition to the dolly wheels, special jacks must be placed under the front of a trailer, when the tractor is not attached, before loading begins.

T 4. Trailer floors should be checked for damage before loading begins.

F 5. The proper way to load a trailer is to load all of one side then all of the other side.

T 6. If double stacking is required when loading a trailer, it should be done in the front and back so the extra weight will be on the axles.

T 7. An employee should never be lifted with a forklift truck unless a caged worklift is used.

T 8. When using a worklift, you must be sure that the safety pin is placed through the worklift mount and the forklift forks to prevent the worklift from sliding off the forks.

F 9. It is O.K. for an employee to ride to a work site if he is riding in a worklift.

T 10. Unloading a trash dumpster should be done with forklift mast straight up, not tilted forward or backward.

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- I 10. At times, it might become necessary to make a lift with only one fork.
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- I 19. You should never use full back tilt when high stacking. The safest condition is when the top of the mast is only a foot to 18 inches back from vertical.
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LEAD EXPOSURE TRAINING

-TEST, 1981-

Richard METCALF
NAME

G. PLANT
DEPARTMENT

5-6-81
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.

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LEAD EXPOSURE TRAINING

-TEST, 1981-

NAME Albert L. Gumm DEPARTMENT Gen Plant DATE 5/6/81

- (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.

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LEAD EXPOSURE TRAINING

-TEST, 1981-

NAME Paul M. Caspell

DEPARTMENT Gen. Plant

DATE 5-6-81

- (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()
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- (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
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- (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)
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 - b. The Employee
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 - ☒ e. Both a. & b.
 - f. Both b. & c.

VCM EXPOSURE TRAINING
TEST, 1981

90

Richard METCALF
NAME

G. PLANT
DEPARTMENT

5-6-81
DATE

1. The eight-hour exposure limit for VCM is 10 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 5.0 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 compressor 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 frostbitten. ✓ 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

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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

VCM EXPOSURE TRAINING
TEST, 1981

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NAME

Albert L. Humm

DEPARTMENT

Gen plant

DATE

5/6/81

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3. You are required to wear an approved respirator in VCM concentrations above:
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4. VCM is not a fire hazard. ✓ True ✓ False
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10. You must stay out of VCM regulated areas except when you have a reason to enter them because of your work. True (D) False
11. Our Honeywell continuous monitors alarm when 5.0 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 compressor 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 frostbitten. ✓ 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

VAB.0001076418

16. VCM cannister masks may be used in VCM concentrations below 10⁴ppm for up to 10 hours. They must not be used in higher concentrations except to escape from danger.
17. Air-line respirators may be used in VCM concentrations of no more than 1000 ppm. They must not be used in unknown concentrations.
18. Scott Air Paks must be worn in VCM concentrations above 1000 ppm. They must also be worn in unknown concentrations.
19. Breathing high concentrations of VCM can cause you to pass out.
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
☐	True	☒	False
☒	True	☐	False
☒	True	☐	False
☒	True	☐	False

VCM EXPOSURE TRAINING
TEST, 1981

95

Paul M. Angelle
NAME

DEPARTMENT

5-6-81
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 X False
5. Exposure to high levels of VCM over long periods of time may cause liver cancer and chromosome damage. X True False
6. If you can't smell any VCM, you can be sure that there is not enough around to hurt you. True X False
7. VCM is a colorless gas at normal temperature and pressure. True X False
8. Breathing the smoke from burning VCM can cause severe lung damage or death. X True False
9. Indicators of VCM leaks include "icing" and "hissing" sounds from processing equipment. X True False
10. You must stay out of VCM regulated areas except when you have a reason to enter them because of your work. X True False
11. Our Honeywell continuous monitors alarm when 5.0 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 compressor 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. X True False
14. Any part of the body which is exposed to liquid VCM may be quickly and severely frostbitten. X 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 X False

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