90

VCM EXPOSURE TRAINING
TEST, 1981

1a

Robert Mentwedrew — NAME
Compound — DEPARTMENT
2-26-81 — 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

VCM EXPOSURE TRAINING
TEST, 1981

55

NAME Robert Nicholas Jr DEPARTMENT comp DATE 2-19-81

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