

END-OF-YEAR

KNOWLEDGE – KEY & SCORING SHEET

Scoring sheet:

Number of correct answers	Test score
31	100
30	97
29	94
28	90
27	87
26	84
25	81
24	77
23	74
22	71
21	68
20	65
19	61
18	58
17	55
16	52
15	48
14	45
13	42
12	39
11	35
10	32
9	29
8	26
7	23
6	19
5	16
4	13
3	10
2	6
1	3
0	0

Answers:

Question ID	Answer
1	c
2	a
3	b
4	b
5	e
6	d
7	c
8	a
9	d
10	c
11	a
12	c
13	c
14	c
15	b
16	a
17	b
18	b
19	b
20	b
21	c
22	d
23	b
24	c
25	b
26	b
27	b
28	b
29	c
30	c
31	d



1. The most important health problem caused by isocyanates is:
 - a) ~~Kidney damage~~
 - b) ~~Liver damage~~
 - c) **Asthma (difficulty breathing)**
 - d) ~~Hearing loss~~

2. Which are the two most important ways isocyanates enter your body?
 - a) **Lungs (breathing) and skin**
 - b) ~~Eyes and gut (ingestion)~~
 - c) ~~Skin and eyes~~
 - d) ~~Gut and lungs~~

3. I can tell there is too much isocyanate in the air because I can smell them.
 - a) ~~True~~
 - b) **False**

4. Waterborne paint systems do not contain isocyanates.
 - a) ~~True~~
 - b) **False (Note: always check the SDS for product information)**

5. You can come into contact with isocyanates doing all of the following operations EXCEPT?
 - a) ~~Mixing coats~~
 - b) ~~Removing masking tape~~
 - c) ~~Spraying clears~~
 - d) ~~Sanding recently applied clear coat~~
 - e) **Washing a recently painted car**

6. Which of the following gloves will protect you from isocyanates?
 - a) ~~Medical grade latex gloves~~
 - b) ~~Leather gloves~~
 - c) ~~Mechanic's gloves~~
 - d) **Nitrile 8 mil gloves**

7. If you have isocyanate-induced asthma, then:
 - a) ~~You will usually get better in 1 year and return to work~~
 - b) ~~You will be able to work only as a body man~~
 - c) **You will never be able to work in a collision shop again**
 - d) ~~You will work as a painter, but ask someone else to mix the paints you spray~~

8. The ventilation in the paint mixing room must be on at all times when the lights are on.
 - a) **True**
 - b) ~~False~~



9. The charcoal cartridge of a tight-fitting respirator used for spraying must have a label of this color:
- a) ~~White~~
 - b) ~~Green~~
 - c) ~~Yellow~~
 - d) **Black**
10. Which of the following is an OSHA-approved product can be used to perform a respirator fit test?
- a) ~~Baby oil~~
 - b) ~~Pepper spray~~
 - c) **Banana oil**
 - d) ~~Salt spray~~
11. A half-facepiece respirator only fits well and protects you if you have shaved the same day.
- a) **True**
 - b) ~~False~~
12. How often should you do a respirator seal check?
- a) ~~At least once each day~~
 - b) ~~At least once each week~~
 - c) **Each time you put the respirator on**
 - d) ~~After changing the respirator cartridges~~
13. The health effects from solvents and other chemicals in the air depend on all of the following EXCEPT:
- a) ~~How much you are exposed to~~
 - b) ~~Use of protective equipment~~
 - c) **If you are exposed at home or work**
 - d) ~~Duration of exposure~~
14. Chemical containers must be kept closed to prevent all of the following EXCEPT:
- a) ~~Spills~~
 - b) ~~Fires~~
 - c) **Sparks**
 - d) ~~Evaporation~~
15. Tool manufacturers are required by OSHA to include tool noise levels on the specification sheet.
- a) ~~True~~
 - b) **False**
16. Using an air hammer for 30 minutes without hearing protection can cause hearing loss.
- a) **True**
 - b) ~~False~~



17. The effect of noise on hearing loss depends on all of the following EXCEPT:
- a) ~~How loud the noise is~~
 - b) **Whether the noise exposure is at home or at work**
 - c) ~~How long you are exposed to loud noise~~
 - d) ~~Whether hearing protection is worn correctly and consistently~~
18. Complete this sentence to make it a “true” statement: Noise-induced hearing loss ...
- a) ~~Can be corrected with hearing aids~~
 - b) **Cannot be corrected with hearing aids**
 - c) ~~Can be corrected with ear canal surgery~~
 - d) ~~Can be corrected with speech therapy~~
19. Safety glasses are marked with a stamp on the lens or on the temple. The stamp reads:
- a) ~~OSHA~~
 - b) **Z87**
 - c) ~~ASE~~
 - d) ~~NIOSH~~
20. If you wear regular prescription glasses, you do not need to wear safety glasses.
- a) ~~True~~
 - b) **False**
21. A ground fault circuit interrupter (GFCI) is required when using an electric tool in a wet area because it will:
- a) ~~Protect the equipment~~
 - b) ~~Prevent fires~~
 - c) **Prevent electrocution**
 - d) ~~Prevent circuit overheating~~
22. The most important electrical current characteristic that determines the health effects in case of electrocution is:
- a) ~~Voltage~~
 - b) ~~Complexity~~
 - c) ~~Resistance~~
 - d) **Amperage**
23. What is the correct order of steps to operate a fire extinguisher?
- a) ~~Squeeze, Aim, Sweep, and Pull~~
 - b) **Pull, Aim, Squeeze, and Sweep**
 - c) ~~Pull, Aim, Sweep, and Squeeze~~
 - d) ~~Sweep, Aim, Pull, and Squeeze~~



24. You are allowed to block an emergency exit or fire extinguisher in order to:
- a) ~~Take care of short term storage needs~~
 - b) ~~Create a separate welding area~~
 - c) **Blocking these items is not permitted**
 - d) ~~Create space for a new repair stall~~
25. Emergency exits can be locked during business hours if the key is kept in a nearby office.
- a) ~~True~~
 - b) **False**
26. You should only use water to extinguish a fire involving:
- a) ~~Electrical circuits and tools (grinders, polishers)~~
 - b) **Ordinary combustibles (paper, wood)**
 - c) ~~Flammable liquids (paint thinners, clear coats)~~
27. In a collision shop, explosion-proof electrical wiring and lighting is required in which areas?
- a) ~~Body repair and welding~~
 - b) **Paint mixing room and paint booth**
 - c) ~~Car wash and detailing~~
28. To reduce static electricity buildup when transferring flammable liquids you should do all of the following EXCEPT:
- a) ~~Ground the metal containers~~
 - b) **Place the clamps on a painted part of the container**
 - c) ~~Connect the two containers~~
 - d) ~~Keep the door to the mixing room closed~~
29. How often must fire extinguishers be checked to make sure they will work properly when needed?
- a) ~~Yearly~~
 - b) ~~Weekly~~
 - c) **Monthly**
 - d) ~~Daily~~
30. Which of the following is NOT a potential cause of fire in a collision shop?
- a) ~~Damaged electrical wires~~
 - b) ~~Welding sparks~~
 - c) **Open containers of corrosive liquids**
 - d) ~~Solvent-soaked rags in an open trash can~~
31. Safety data sheets (SDS) must meet each of the following criteria EXCEPT:
- a) ~~Be up to date~~
 - b) ~~Be available for all chemical products in the shop~~
 - c) ~~Be accessible to all employees~~
 - d) **Be condensed so they are easy to read**

