

TEST AND ACCEPTANCE

TRAINING

1. The fire alarm system manufacturer shall furnish a multimedia computer based training (CBT) program as follows for a use by the employees of the system user.
2. The fire alarm system manufacturer shall review the CBT and warrant that the content is accurate for this particular fire alarm system.
3. The training program shall include the following topics:
 - a. Overview of system components, including initiating devices, notification appliances, and control equipment.
 - b. A description of the operator interface panel including common indicators and switches such as alarm, trouble, and supervisory lamps, alphanumeric display, acknowledge, signal silence, and reset switches.
 - c. Description of the various types of possible system conditions such as alarm, trouble, and supervisory events.
 - d. Procedures for receiving, handling, and acknowledging alarm, trouble, and supervisory events.
 - e. Procedures for silencing audible notification appliances.
 - f. Procedures for mechanically resetting initiating devices.
 - g. Procedure for resetting the system.
 - h. Responding to trouble and supervisory signals.
4. The computer based training program shall include the following advanced topics:
 - a. Training on system operation including manual control of output functions from the panel.
 - b. Training in the testing of the system including logging of detector sensitivity, and field test of devices
 - c. Disabling and enabling devices
 - d. Generating system reports
5. One-Way Voice Communications (Microphone and speakers)
 - a. Selecting and de-selecting paging zones or areas.
 - b. Proper positioning and use of the microphone.
6. Two-Way Voice Communications (Firefighter telephones)
 - a. Answering incoming calls
 - b. Proper use of the push to talk switch if system is so equipped.
 - c. Terminating a call
7. The CBT shall be provided in [French – or – English – or - French and English]
8. The program shall have the following features:
 - a. Fully narrated
 - b. Control panel and event simulations
 - c. User interactivity
 - d. Fire alarm system sounds (local buzzers)
9. The user interface shall provide:
 - a. A clickable menu containing individual topics, and shall navigate directly to the respective topic when clicked.
 - b. “Previous” and “next” buttons for linear navigation between topics.
 - c. A “pause/play” button to stop the presentation at any point, even mid-sentence, and restart from the pause point
 - d. A “quit” button to exit the application, and a confirmation window and associated buttons
 - e. A “help” screen describing the various sections of the program’s display area and navigation controls
 - f. A print screen button that will print the content being displayed on the screen to the PC’s printer is so equipped.
10. The CBT shall be as manufactured by Zonetec Ltd. or approved equivalent
11. Minimum computer requirements: The computer based training program shall operated on a Pentium PC, 450 MHz, 64 MB RAM, Sound Card and speakers, CD-ROM Drive, 50 MB free hard drive space, Internet access.
12. The program may be delivered on CD-ROM for installation on a local hard drive, LAN, or over the Internet.
13. The end-user licence shall allow the use of the program by one concurrent user on one PC.
14. The end-user shall have access to the program for at least 12 months after substantial completion of the fire alarm system installation.

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