

Whether or not a wide area hazmat incident or animal disease is a terrorist act or natural event two issues will be of paramount importance, how to control and how to eradicate the source of the problem.

The control will invariably mean isolation or quarantine of the affected area and controlled access and egress to the “hot site”

Controls can take many forms from legal and policing to practical engineering controls to contain the spread.

This has been seen in “Foot & Mouth” Legionella, and SARS and even meningitis.

Local government and government agencies will in times of emergency require skilled and competent contractors properly trained and equipped to assist in decontamination of those in vehicles or on foot entering or leaving site and indeed assistance in the decontamination of the site itself once controls have been installed. This may also include areas contaminated with black water from flood events.

This may include farms, hospitals, business districts and offices or commercial properties.

The course objective is to provide the delegate with a broad understanding of Hot Zone control factors and how to minimise risk of cross contamination.

The course provides information on:

1. Specific Risk and hazard assessments
2. How to operate a cordon
3. Controlling a cordon
4. Establishing the work area and principles
5. Working with GDS or Health & Safety authorities from HSE or DEFRA
6. Vector agents and transmit ability
7. Standard Operating Procedures
8. Personnel safety issues
9. Personal decontamination
10. Placement of contractors decontamination unit
11. Entry and exit strategies
12. Engineering Controls
13. PPE and use
14. Equipment requirements
15. Materials required
16. Mixing chemicals
17. Application techniques
18. Importance of “Dwell time”
19. Chemical use

- 20.** Types of chemicals
- 21.** Clearance
- 22.** Sacrificial protection
- 23.** Decontamination techniques for people
- 24.** Vehicle decontamination
- 25.** Waste management
- 26.** Waste disposal
- 27.** Inspection and quality control
- 28.** Contracts and payment
- 29.** Exam and certification

The course provides hands on approach to vehicle decontamination and sanitation.