



Hazmat IQ/ Above the Line/Below the Line

- Oct 22 – Anacortes FD, Station #1
- Nov 28 – Skagit County Fire District #6
- Dec 6 – Snohomish County Fire District #7, Station 71
- Dec 7 – Anacortes FD, Station #1 (HM-IQ Tox-Medic)

HazMatIQ is a training system formulated from more than 50 years of Hazardous Materials (HazMat) response experience. Traditional HazMat response is founded in the principles of industrial hygiene, organic chemistry and inorganic chemistry. While these foundations are valuable in the right setting, HazMatIQ has revolutionized first responder training by turning the focus away from mastering textbooks and onto the critical knowledge needed to make a simple decision: *Can I make entry to effectuate a rescue?*

In order to do this, a first responder needs to understand the environmental hazards and the required personal protection equipment. HazMatIQ training streamlines the size-up process and enables responders to maximize their response efficiency and effectiveness.

The *HazMatIQ 4 Step System* is a response tool that incorporates a series of easy to understand job aids called *Smart Charts*. These charts enable responders to quickly assess risk and make a proper decision on how best to mitigate an incident. This system coaches responders through a process that virtually eliminates information overload.

The system incorporates the following:

- Step 1) Revolutionary *Above the Line/Below the Line* chemical size up using only the chemical name. This process works with every possible chemical.
- Step 2) Streamlined chemical research process based on only seven (7) chemical and physical properties.
- Step 3) Detection device selection: CGI, PID, FID, pH paper, Temperature gun, KI paper, etc.
- Step 4) Accurate PPE selection: Level A, Level B or SFPC (bunker gear). Gone are the days when Level A was erroneously donned “just to be safe.” HazMatIQ enables the user to correctly match protective ensembles with environmental hazards.

HazMatIQ system also incorporates training on how to safely and efficiently respond to unknown chemicals, mixtures or chemical reaction when there is no information on chemical and physical properties available.

There is no cost for this training. Meals and lodging are the responsibility of the student

For questions or registration information, contact Deputy State Fire Marshal Scott Lancaster at Scott.Lancaster@wsp.wa.gov or 360-596-3930