

HAZARDOUS WASTE OPERATIONS & EMERGENCY RESPONSE

HAZWOPER/NFPA 1072

40 HOUR TECHNICIAN COURSE

29CFR1910.120 (e)(q)

NFPA 1072 CH (4)(5)(6)(7)(8)



HAZ-MATTERS
EMERGENCY MANAGEMENT INC.

Why Choose HAZ-MATTERS?



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HAZWOPER substantially improves employee hazard understanding at the worksite while empowering an operations level of response competency for employees exposed to any chemical hazards. The course offered by HAZ-MATTERS has roots in the United States model of 29CFR 1910.120 (e) & (g) for contaminated waste site management, safety practices and emergency response, but our course has been thoroughly amended and enhanced to reflect universal and globally recognized "Best Practice" techniques and principles

Our course is unlike all the other general HAZWOPER courses out there – we know that most of our students are getting into much more precarious and unknown situations than the general site worker that traditional HAZWOPER courses apply to so we provide knowledge to suit that caliber of employee. Whether you're a seasoned veteran or new to the industry, we focus on Real-Life hazard understanding that comes from Real-Life hands-on experience that goes far beyond a general employee awareness.

The result is that we provide a 4-day course with clearly defined methods and protocols used by HazMat Specialists internationally to ensure that personnel operate in the safest possible manner in environments that include:

- ◆ Hazardous materials events with known and unknown compounds
- ◆ Clandestine drug labs
- ◆ Oil spills from pipeline releases on water or land
- ◆ Motor vehicle scenes
- ◆ Abandoned and improperly disposed of chemicals

HAZ-MATTERS prides ourselves on our reputation for providing clear understanding to complex and technical information for all levels of experience. It is the cornerstone of our service, and continues to always be our primary goal.

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HAZ-MATTERS doesn't believe that exams and a certificate is what makes the difference to a person – what makes a difference is having the tools that will help you for the rest of your career.

In fact, we believe that memory creates mistakes so we help you learn to use the tools at hand so that you don't have to remember very much at all. We still provide you with some open book tests as we go along to challenge you as well as a final certificate, but most importantly we provide you with the working tools to be able to always start with what we call our Number 1 Rule:

"IF YOU DON'T KNOW WHAT YOU'RE GETTING INTO, HOW CAN YOU POSSIBLY KNOW HOW TO GET OUT?"

So we focus on:

- ◆ What Hazardous Materials are, how we need to classify them, what we need to think about in order to approach them, and how to evaluate and simply understand their toxicological effects,
- ◆ How they get into our bodies (routes of exposure), how we protect ourselves at all times from this, and how we use that information to come up with a plan,
- ◆ The four (4) levels of personal protective equipment (PPE) and how we decide what to use,
- ◆ How to evaluate the possibility of a fire hazard and what the Upper and Lower Explosion Limits are as well as some clear fire chemistry concepts,
- ◆ How to confidently determine and acknowledge what our own levels of competency are,
- ◆ Clearly learning the essentials for a NFPA 1072 HazMat Technician through testing, identification, and the true understanding of chemical behaviour

DAY 1 AGENDA



HAZ-MATTERS
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HAZWOPER AWARENESS TRAINING - MORNING

- ◆ Regulatory Overview – Awareness Level of Competency
- ◆ Transportation of Dangerous Goods Hazardous Materials Classes
- ◆ Loading, Securing and Segregation of Dangerous Goods
- ◆ NFPA 704 System & Workplace Hazardous Materials Information System, WHMIS
- ◆ Global Harmonization System Identification, GHS
- ◆ Chemistry for Non-Chemists and Terminology 101

HAZWOPER OPERATIONS TRAINING - AFTERNOON

- ◆ Regulatory Overview – Operations Level of Competency
- ◆ Emergency Response Guidebook Introduction
- ◆ Personal Protective Equipment
- ◆ Site Control
- ◆ Decontamination Overview



DAY 2 AGENDA



HAZ-MATTERS
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HAZWOPER TECHNICIAN TRAINING

- ◇ Regulatory Overview – Technician Level of Competency
- ◇ History of the Laws and HAZWOPER Regulations
- ◇ Chemical Exposure
- ◇ Toxicology
- ◇ WMD – Chemical, Biological, Radiological
- ◇ Reactive and Unstable Chemicals
- ◇ NEPA 1072 Hazard and Risk Assessment
- ◇ Field Evaluation and Categorization
- ◇ Clandestine Labs
- ◇ Fire and Explosion
- ◇ Technical Terminology and Field Application
- ◇ Oxidizers
- ◇ Asphyxiants
- ◇ Ionizing Radiation
- ◇ Hazardous Waste Management Segregation



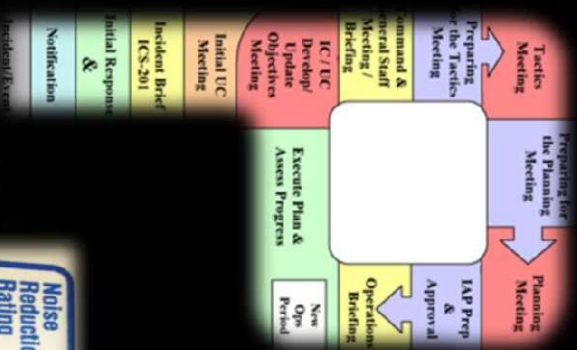
DAY 3 AGENDA



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HAZWOPER TECHNICIAN TRAINING - CONTINUED

- ◆ Heat Stress
- ◆ Cold Exposure
- ◆ Noise Exposure
- ◆ Confined Space Entry
- ◆ Planning and Organizing *Incident Command ICS-100*
- ◆ Collecting Hazard and Response Information
- ◆ Training
- ◆ Medical Monitoring
- ◆ HazChem Site Characterization
- ◆ Monitoring Equipment
- ◆ Table-Top Exercise



DAY 4 AGENDA



HAZ-MATTERS
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HAZWOPER TECHNICIAN TRAINING - CONTINUED

- ◆ Self Contained Breathing Apparatus
- ◆ Supplied Air Respirators
- ◆ Air Purifying Respirators
- ◆ Assigned Protection Factor and Maximum Use Concentration
- ◆ Chemical Protective Clothing
- ◆ Site Control Fundamentals
- ◆ Decontamination
- ◆ Cargo Tanks, Cylinders, Drums
- ◆ Site Emergencies
- ◆ Spill Control
- ◆ Disposal
- ◆ Forms

