LEARNING JOURNAL

NAME_____

DATE_____

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LEARNING JOURNAL INTRODUCTION

INSTRUCTIONS

This is your Learning Journal.

It will enhance your understanding of the concepts and practices you learn in the course and assist in the transfer of learning for the Hazardous Materials/Weapons of Mass Destruction (WMD) Incident Command Program. By keeping this Learning Journal throughout the course, you will be able to use self-reflection and self-discovery to meet and exceed the course objectives and outcomes.

This a workbook-style document that has tailored prompts related to what was the desired learning objective and outcome each day. It is a form-fillable PDF so you may access and update it electronically on your devices.

This learning journal will be helpful in personalizing and deepening the quality of learning and in helping you to integrate the material of learning Hazardous Materials/WMD Incident Command.

- Make this Learning Journal your own.
- Get into a good habit of writing notes as a leader.
- Be reflective throughout the week for best results to reinforce what you learn about Hazardous Materials/WMD Incident Command.

PURPOSE

The purpose of this Learning Journal is to provide you with a personalized resource that enhances your understanding of the Hazardous Materials/WMD Incident Command course.

This Learning Journal will:

- Enable you to record your learning experiences.
- Facilitate your learning from experience and classroom, activities, and discussions.
- Support your understanding of the course material.
- Develop your critical thinking skills.
- Increase your active involvement in, and ownership of, your learning.
- Increase your skills in reflection and thinking.
- Enhance your problem-solving skills.
- Help you to assess your own learning.
- Serve as a personal development and self-empowerment tool.
- Enhance your learning creativity.
- Foster your communication ability, encouraging reflection and creative interaction with your team.

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LEARNING JOURNAL QUESTIONS

UNIT 0: COURSE INTRODUCTION

What are your expectations from this course?

What do you hope to be able to accomplish when you return home?

UNIT 1: FUNDAMENTALS OF INCIDENT COMMAND

What can you do to manage the effects of stress on decision making?

Share a time where you experienced significant stress at an emergency incident. How did you feel? What are your lessons learned from this experience?

Have you ever worked with a responder who routinely makes good decisions under stress? What did they do that helped them keep calm under pressure?

What is the value of the PACE planning method in successful incident management?

What is the value of understanding what resources are capabilities are available to you?

What are your biggest takeaways from this unit?

UNIT 2: FUNDAMENTALS OF HAZARDOUS MATERIALS/WMD RESPONSE

How can you work to increase capabilities in your jurisdiction to decrease vulnerabilities and meet the Standard of Care?

How can you work to develop mission-specific competencies?

What are your biggest takeaways from this unit?

UNIT 3: SHORT-TERM INCIDENTS

What type of short-term incident(s) do you encounter frequently?

How will you rapidly develop a risk-based response?

What will be your responsibilities in incident management?

What are the HAZMAT IC responsibilities in the development of the incident strategies and objectives?

How does “vulnerability” relate to HAZMAT IC and incident management?

What are your biggest takeaways from this unit?

UNIT 4: MEDIUM-TERM INCIDENTS

What type of medium-term incident(s) do you encounter frequently?

How will you develop a risk-based response?

What will be your responsibilities in incident management?

UNIT 5: LONG-TERM INCIDENTS

What characteristics of long-term incidents have you encountered?

What information do you need to prepare an adequate action plan and where do you get that information?

What responsibilities do you take on as incident commander?

What kind of team do you need to assemble and where do you find these people in a hurry?

What are your biggest takeaways from this unit?

UNIT 6: THE INCIDENT ACTION PLAN

What will your role be in the Incident Action Plans (IAP) process?

What do you see as your biggest IAP challenge?

What lessons have you learned?

What are the Do's and Don'ts of briefing elected officials?

What are your biggest takeaways from this unit?

UNIT 7: CULMINATING ASSESSMENT

What details do you need for the planning process?

How will you utilize your resources?

What will help you in IAP development?

What are your biggest takeaways from this unit?

COURSE REFLECTION

List 3 things you learned this week.

Write 1 question you need to ask when you get home.

How will you apply the learning outcomes back home?

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APPENDIX A:

QUESTIONS TO CONSIDER FOR INCIDENT RESPONSE

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QUESTIONS TO CONSIDER FOR INCIDENT RESPONSE

Here are some examples of questions to ask when creating your IAP:

- What actions were taken to establish control zones?
- What notifications were made?
- How confident are you that you have identified all the threats/hazards present?
- What level/type of PPE was required?
- What assignments were made to bring the incident under control?
- What is needed to terminate Command?
- What did you do to help gain and maintain situational awareness at this incident?
- Do you have any gaps or areas of concern related to situational awareness?
- What are the threats/hazards present? (CBRNE?)
- How can we lower vulnerabilities to these threats/hazards (TDS-D)?
- What are positive and negative consequences to any response actions?
- What is the likelihood of these outcomes occurring?
- Is it Chemical, Biological or Radioactive?
- What is the state of matter? (solid, liquid, or gas)
- If it is a liquid, what is its vapor pressure? (high, low, or no)
- Is it the product flammable or combustible? (FP, LEL-UEL)
- Is it toxic? (IDLH, route of exposure, AEGLs, STEL, etc.),
- Is it corrosive? (acid vs base, pH, strength vs concentration)
- Is it reactive? (oxidizer, polymer, pyrophoric, hypergolic, etc.)
- Is it radioactive (isotope, alpha, beta, gamma, neutron, etc.)
- Is it energetic? (primary, secondary, or tertiary, detonate, deflagrate, SADT, MSST, etc.)
- What is the capacity? (ounces, gallons, tons, etc.)

- What are the container characteristics? (pressure, non-pressure, strong vs weak, steel vs aluminum, cardboard vs plastic, etc.)
- Where is the incident occurring (indoor vs outdoor)
- What are the current weather conditions, and will they change? (hot vs cold, wind, rain, etc.)
- What are the existing exposures? (terrain, waterways, animal life, fauna, flora, etc.)
- Are there any hazards or threats outside of your control? (traffic, active shooter, technical or technology issues, collapse, secondary devices, etc.)
- Are there indicators of an intentional event (occupancy location, type of event, timing of event, on-scene warning signs, etc..).
- Are there indicators of illicit activity? (drugs, arson, theft, etc.)
- Are the indicators of negligence? (faulty equipment, facilities, vehicles or containers, lack of competency of employees, etc.)