

7.0 The Goal of Fire Control

OBJECTIVE 7.1: CONTROL OF FIRE THROUGH CONTROLLED BURNING

(Demonstrate the ability to perform fire control using controlled burning)

Intent This objective provides a framework for the evaluation of an the Emergency Response Agency's ability to provide fire control through a controlled burn of the product.

Note: This objective focuses on the methodologies used to control fires which cannot or should not be put out because of greater hazards and risks to life , environments or property

	yes	no	n/a	n/o	Time
Was this Objective Met	_____	_____	_____	_____	_____
Evaluator Signature	_____				Date _____

Criteria:

7.1.1 Did Emergency Response Agency demonstrate the ability to establish a sufficient number of lines?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.1.2 Did Emergency Response Agency demonstrate the knowledge, skills & capability to protect exposures while allowing the controlled burn?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.1.3 Did Emergency Response Agency demonstrate the knowledge, skills & capability to protect unaffected containers?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.1.4 Did Emergency Response Agency demonstrate the knowledge, skills & capability to provide water supply?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.1.5 Did Emergency Response Agency demonstrate the knowledge, skills & capability to monitor runoff water?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.1.6 Did Emergency Response Agency demonstrate the knowledge, skills & capability to remove the fuel?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.1.7 Did Emergency Response Agency demonstrate the knowledge, skills & capability to transfer product?

yes no n/a n/o time

Explanation:

The Emergency Response Agency should demonstrate the capability to control fire through controlled burning .

The factors associated with why controlled burning might be favorable can be varied and complex. Justification can be as simple as it being a defensive operation until sufficient personnel and equipment are available. Or a more complicated reason being that the product will be more of a toxicity hazard and a greater environmental clean-up if extinguished. The Emergency Response Agency should demonstrate the capability to use the necessary tactics concerning the fire and release of combustion materials and evaluate the potential for exposure to the public's health and safety and the environment .

OBJECTIVE 7.2: CONTROL OF FIRE THROUGH EXTINGUISHING AGENTS
(Demonstrate the ability to extinguish fires using conventional and special agents)

Intent This objective provides a framework for the evaluation of an the Emergency Response Agency's ability to extinguish hazardous materials fires lessening the environmental impact.

Note: This objective focuses on the ability of the Emergency Response Agency control a fire of hazardous materials involved in an incident/accident.

	yes	no	n/a	n/o	Time
Was this Objective Met	_____	_____	_____	_____	_____

Evaluator Signature _____ Date _____

Criteria:

7.2.1 Did Emergency Response Agency demonstrate the knowledge, skills & capability to select water as a means of fire control?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.2.2 Did Emergency Response Agency demonstrate the knowledge, skills & capability to select proper water pattern from nozzle?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.2.3 Did Emergency Response Agency demonstrate the knowledge, skills & capability to select foam as a means of fire control?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.2.4 Did Emergency Response Agency demonstrate the knowledge, skills & capability to select appropriate foam appliances?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.2.5 Did Emergency Response Agency demonstrate the knowledge, skills & capability to select foam application rates?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.2.6 Did Emergency Response Agency demonstrate the knowledge, skills & capability to select dry chemicals as a means of fire control?

yes	no	n/a	n/o	time
_____	_____	_____	_____	_____

7.2.7 Did Emergency Response Agency demonstrate the knowledge, skills & capability to select inert gas as a means of fire control?

yes	no	n/a	n/o	time
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7.2.8 Did Emergency Response Agency demonstrate the knowledge, skills & capability to select specialty agents as a means of fire control?

yes no n/a n/o time

Explanation:

The Emergency Response Agency should demonstrate the capability to assess the factors affecting the use of extinguishing agents on hazardous materials

The physical factors associated with fire operations are not the purpose of this objective. Many fire agencies have a very good perception of all the work tasks necessary to conduct successful fire operations. It is the intention of this evaluation to address an agencies ability to recognize the most appropriate means of extinguishment.

OBJECTIVE 7.3: CONTROL OF FIRE THROUGH VENT AND BURN OPERATIONS					
(Demonstrate the ability to perform unbiased sampling procedures)					
<u>Intent</u> This objective provides a framework for the evaluation of an the Emergency Response Agency's ability to perform vent and burn operations.					
<u>Note:</u> This objective focuses on the technical aspects breaching the container moving the product to an ignition source and igniting the product.					
Was this Objective Met	yes	no	n/a	n/o	Time
_____	_____	_____	_____	_____	_____
Evaluator Signature	_____				Date _____

Criteria:

7.3.1 Did Emergency Response Agency demonstrate the knowledge, skills & capability to provide the necessary tools and equipment to breach the container?

yes no n/a n/o time

7.3.2 Did Emergency Response Agency demonstrate the knowledge, skills & capability to provide a means to transfer the product from the container to the ignition source?

yes no n/a n/o time

7.3.3 Did Emergency Response Agency demonstrate the knowledge, skills & capability to provide an ignition source safely?

yes no n/a n/o time

Explanation:

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The Emergency Response Agency should demonstrate the capability to perform vent and burn operations when the container may be too fragile to be transported and no means are available to transfer the product to another approved container.

OBJECTIVE 7.4: CONTROL OF FIRE THROUGH WITHDRAWAL (Demonstrate the ability to perform unbiased sampling procedures)					
<u>Intent</u> This objective provides a framework for the evaluation of an the Emergency Response Agency's ability to recognize it's vulnerability at fire control under certain conditions.					
<u>Note:</u> This objective focuses on the technical identification of conditions that identify the need for defensive operations because the hazards & risks to life are unacceptable					
Was this Objective Met	yes	no	n/a	n/o	Time
	___	___	___	___	___
Evaluator Signature	_____				Date _____

Criteria:

7.4.1 Did Emergency Response Agency demonstrate the knowledge, skills & capability to recognize the possibility of catastrophic container failure?

yes no n/a n/o time

7.4.2 Did Emergency Response Agency demonstrate the knowledge, skills & capability to recognize the possibility of projectiles?

yes no n/a n/o time

7.4.3 Did Emergency Response Agency demonstrate the knowledge, skills & capability to recognize the problem as being beyond their capabilities and resources?

yes no n/a n/o time

Explanation:

The Emergency Response Agency should demonstrate the capability to assess the potential problems and understand the limitations of their response agencies in dealing with extremely critical types of operations.

The Emergency Response Agency should demonstrate the capability to use the analysis of information gathered at the incident in determining how safe it is for their personnel to operate (Example if it is so unsafe that civilians need to be evacuated from the area, why are emergency responders allowed to remain.