

Control Requirements

There are two general requirements for exercise control:

- “Each exercise must be conducted, controlled, evaluated, and critiqued effectively and reliably.” (DOE Order 151.1C, *Comprehensive Emergency Management System, Attachment 2, Contractor Requirements Document [CRD], Paragraph 6, Exercises*)
- “The flow of the scenario timeline and events must be effectively controlled and the response of the Participants must be realistic and professional.” (DOE G 151.1-3, Chapter 3, *Exercises, Section 3.2, General Approach*)



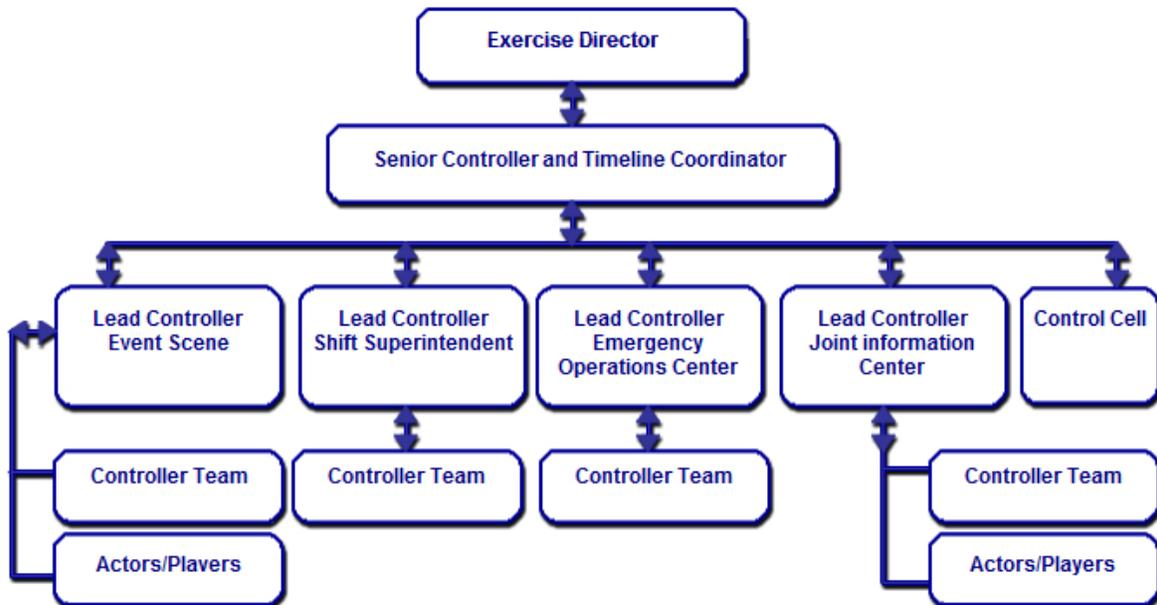
Controller with Fire Personnel

More specific guidance is contained in DOE G 151.1-3, Chapter 3, *Exercises* and Chapter 4, *Readiness Assurance*.

Control Organization

The Control Organization is responsible for controlling the exercise and is usually depicted on an organizational chart showing the categories of Controllers and lines of communication. The size of the Control Organization varies in number depending on the exercise scope.

Instruction: Each position in the Control Organization is described below by function.



Position	Responsibilities
<p>Exercise Director</p> 	<ul style="list-style-type: none"> • Has overall responsibility for exercise planning, development, conduct, and evaluation • Provides the opportunity to meet exercise objectives • Starts, suspends, and terminates the exercise
<p>Senior Controller</p> 	<ul style="list-style-type: none"> • Oversees all exercise functions, including setup and takedown of exercise, such as prop placement, signs, removal of debris, and positioning of Controllers and Evaluators • Is responsible for communications with Controllers and Evaluators • Issues exercise materials via Lead Controller or assigned Controller(s) to Responders/Players as required • Monitors exercise progress and makes decisions regarding any deviations or changes • Coordinates any required modifications • Debriefs Controllers and Evaluators in the Post-exercise Briefing
<p>Timeline Coordinator</p> 	<ul style="list-style-type: none"> • For complex exercises, is responsible for ensuring the exercise timeline remains on schedule—a key factor for proper attainment of exercise objectives. Should exercise play cause deviation from or a delay in the timeline, it becomes necessary to use previously prepared contingency materials • Is typically co-located with the Senior Controller, and is responsible for specific tasks or actions from the Control Cell • Receives timeline status reports from Lead Controllers and provides this information to the Senior Controller and Exercise Director
<p>Lead Controller</p> 	<ul style="list-style-type: none"> • Coordinates the activities of several Controllers for larger or more complicated exercises that involve a number of response locations and emergency functions • Is organized by location, function, or a combination of both depending on the needs of the exercise • Introduces, maintains, and coordinates exercise events in accordance with the Master Scenario Events List (MSEL) (see Glossary) • Ensures delivery of injects promptly as directed by the Senior Controller • Observes and reports exercise artificialities that interfere with realism • Notifies the Senior Controller of events or need for changes

Position	Responsibilities
<p>Control Cell</p> 	<ul style="list-style-type: none"> • Is a simulation center located away from the Responders/Players • Staffed by experienced Controllers (and/or Actors) who simulate or role-play Non-participating Organizations who would normally be involved in responding to an emergency.
<p>Controller Team</p> 	<ul style="list-style-type: none"> • Delivers input (e.g., injects, instrument readings, observations) to Responders/Players as described in the MSEL and/or as directed by the Senior Controller and/or Lead Controller • Notifies the Lead Controller of events or need for changes
<p>Actors/Players</p> 	<ul style="list-style-type: none"> • Are Controllers who simulate members of Non-participating Organizations and role-play key individuals, such as injured personnel

Exercise Control Section Quiz

Instruction: Select the one best answer. Answers are given following this quiz.

- 1 of 5: Which of the following is a general requirement for exercise control according to DOE Order 151.1C and DOE Guide 151.1-3?
- A. Each exercise must have minimum number of Controllers
 - B. Each exercise must be conducted, controlled, evaluated, and critiqued effectively and reliably
 - C. The flow of the scenario timeline and events must be effectively controlled and the response of the Participants must be realistic and professional
 - D. Both B and C
- 2 of 5: The Control Organization is responsible for overseeing all exercise functions including setup and takedown of the exercise.
- A. True
 - B. False
- 3 of 5: This individual delivers input to Responders/Players as described in the MSEL and/or as directed by the Senior Controller and/or Lead Controller.
- A. Control Team Member
 - B. Lead Evaluator
 - C. Lead Exercise Planner
 - D. Evaluator
- 4 of 5: This individual ensures delivery of injects promptly as directed by the Senior Controller.
- A. Timeline Coordinator
 - B. Exercise Director
 - C. Lead Controller
 - D. Lead Exercise Planner
- 5 of 5: This individual receives status reports from Lead Controllers and provides this information to the Senior Controller and Exercise Director.
- A. Control Cell
 - B. Timeline Coordinator
 - C. Lead Evaluator
 - D. Controller Team Member

Exercise Control Section Quiz Answers (Note: Correct Answers are in bold)

- 1 of 5: Which of the following is a general requirement for exercise control according to DOE Order 151.1C and DOE Guide 151.1-3?
- A. Each exercise must have minimum number of Controllers
 - B. Each exercise must be conducted, controlled, evaluated, and critiqued effectively and reliably
 - C. The flow of the scenario timeline and events must be effectively controlled and the response of the Participants must be realistic and professional
 - D. Both B and C**
- 2 of 5: The Control Organization is responsible for overseeing all exercise functions including setup and takedown of the exercise.
- A. True**
 - B. False
- 3 of 5: This individual delivers input to Responders/Players as described in the MSEL and/or as directed by the Senior Controller and/or Lead Controller.
- A. Control Team Member**
 - B. Lead Evaluator
 - C. Lead Exercise Planner
 - D. Evaluator
- 4 of 5: This individual ensures delivery of injects promptly as directed by the Senior Control.
- A. Timeline Coordinator
 - B. Exercise Director
 - C. Lead Controller**
 - D. Lead Exercise Planner
- 5 of 5: This individual receives status reports from Lead Controllers and provides this information to the Senior Controller and Exercise Director.
- A. Control Cell
 - B. Timeline Coordinator**
 - C. Lead Evaluator
 - D. Controller Team Member