



CRO-ER

Control Room Operator - Emergency Response Assessment

This program covers the reactions that are required to be undertaken by the Control Room Operator (CRO) to either prevent or minimise the effect of an incident. This training is only a part of the broader training program however it affords all candidates the opportunity to be trained to a common industry accepted standard.

General Course Objectives

The aim and objective of the CRO Emergency Response Competence Assessment are to formally assess the candidate in the role of the CRO during an emergency situation in a simulated environment.

Course Format

After a short interactive theory session, the delegate will be required to practically demonstrate their responses to realistic control room situations. Delegates will be placed in an environment similar to that which they work in. A computer based simulator, with basic process logic and flow will be used to support the expected responses to be made in the position of the Control Room Operator during emergency situations. Each session will be followed by a one-on-one debrief, highlighting strengths & weakness levels as observed.

Prerequisites

A formal declaration from the candidate's employer confirming the candidate has achieved the performance criteria in Element 1.1 below in the workplace and that the candidate has been deemed ready for formal assessment against Elements 1.2 to 1.3 below.

Element 1.1 - Maintain a state of readiness (responsibility of the duty holder, duty holder declaration is attached)

Performance Criteria

The candidate must **demonstrate** the following:

- Effectively access current emergency procedures and report all anomalies.
- Identify all conditions which may affect the emergency response.

- Effectively hand over all safety critical information.
- Effectively participate in drills and exercises.
- Work safely in accordance with legislation, operational requirements and associated Safe Systems of Work.

Underpinning knowledge and understanding

Within the limits of their responsibility, the candidate must be able to **demonstrate** that they know and understand:

- How to access and interpret the current status of the appropriate equipment and systems (to include detection; protection; communications; evacuation; impaired systems and their mitigation in accordance with operational risk assessments).
- How to access and interpret the status of operations and simultaneous operations.
- How to access and interpret information on weather conditions.
- How to access and interpret information on the availability of key emergency response personnel.

Element 1.2 - Control Critical Situations

This element is about identifying critical situations within the working area and reacting appropriately in order to assist with the control of those critical situations.

Performance Criteria

The candidate must **demonstrate** the following:

- Identify developing and existing critical situations and acting on warning signs.
- Interpret relevant alarms and take actions appropriate to the situation.
- Monitor the situation and take effective action to minimise risks to personnel, process, plant and equipment.
- Use of appropriate procedures relevant to the situation.
- Communicate the critical situation correctly to appropriate personnel.
- Recognise limits of authority.



Underpinning knowledge and understanding

Within the limits of their responsibility, the candidate must be able to **demonstrate** that they know and understand:

- The operations of and potential implications of the emergency shutdown control systems.
- The operation of and potential implications of the F&G control systems.

Element 1.3 - Coordinate the Response to Emergencies

This element is about the communication required to direct the responses of personnel to emergencies.

Performance Criteria

The candidate must **demonstrate** the following:

- Accurately identify and immediately take the actions required to make the situation safe.
- Activate all relevant alarms
- Effectively communicate all relevant information and instructions.
- Clarify and act upon information received. • Record critical information.

Underpinning knowledge and understanding

Within the limits of their responsibility, the candidate must be able to **demonstrate** that they know and understand:

- How to react appropriately (to include make safe; isolate; shutdown; evacuate the work area; informing connecting installations and others; do nothing; activate internal emergency response teams; inform duty personnel; inform adjacent facilities; activate ESD; account for people).
- How to communicate the critical situation correctly to appropriate personnel.

Assessment Process

Each candidate will undertake a minimum of 2 and a maximum of 3 attempts to achieve the successful assessment of the 2 emergency scenarios is permitted. This Assessment is conducted using the guidelines of the OPITO standard.



Accrediting Body:

OPITO

Course Duration:

1 to 3 Days

Course Validity:

N/A

Course Venue:

Cilegon, On-Site

Course Code:

9004

Prerequisites:

- Please see Prerequisite section earlier in document for details.

NOTE:

- There is no expiry date for the OPITO approved Control Room Operator - Emergency Response Assessment.