



Control Measures & Mitigation Planning (IRMR 7.2) (WGG Offshore Academy Master's Degree Level 7 in IRMR)

Target Group

The 7.2 Control Measures & Mitigation Planning training unit is directed towards individuals who are, or may be required to manage, direct, and conduct strategic governance and social responsibilities planning in the context of incident response for an organisation.

Course Elements & Competency

The following unit elements will be delivered:

Element 7.2.1 Identify hazards and potential operability problems.

Element 7.2.2 Assessing impact of risk and determine alternative strategies.

Element 7.2.3 Assess risk information against established risk criteria in risk management plan.

Element 7.2.4 The risk register.

Element 7.2.5 Establishing procedures for identifying hazards and assessing and controlling risk.

Course Outline

<p>7.2.1 Identify hazards and potential operability problems</p>	<ul style="list-style-type: none"> • Compiling of a system description of all the machinery, equipment, operations, products and materials relevant to the everyday working procedures of the facility. • Compiling of a checklist containing process parameters (primary key words) and guide words (secondary key words) relevant to the system. • Identifying hazards, existing control measures and potential operability problems or breakdowns in control measures using the compiled system descriptions and the checklist
<p>7.2.2 Assessing impact of risk and determine alternative strategies</p>	<ul style="list-style-type: none"> • Screen for causes of deviations and establish consequences. • Determine alternative strategies for action in relation to each deviation within the range of competency and responsibility. • Review, clarify and/or analyze risk information to determine its relevance and reliability depending upon the task assigned, level of competency and area of responsibility.
<p>7.2.3 Assess risk information against established risk criteria in risk management plan</p>	<ul style="list-style-type: none"> • Check risk acceptance criteria for any changes over past period. • Compare risk information against risk acceptance criteria and procedures to assess acceptability of risk.

	<ul style="list-style-type: none"> • Conduct liaison with other Internal departments to assess impact on business. • Documentation
7.2.4 The risk register	<ul style="list-style-type: none"> • Developing a risk assessment chart for each plant/process system • Developing the action plan for implementation of control measures, including any changes to procedures. • Establishing and review the procedures • Communicating to relevant work groups of any changes and implementing changes in the procedures. • Monitoring the effectiveness of the control measures including revised procedures
7.2.5 Establishing procedures for identifying hazards and assessing and controlling risk	<ul style="list-style-type: none"> • Identify and develop procedures for routine hazard identification, assessment and control of risks. • Address identification of all hazards at the planning, design and evaluation stages of any changes in the workplace to ensure that new hazards are not created by the proposed changes. • Developing and maintaining procedures for selection and implementation of risk control measures in accordance with the hierarchy of control. • Identifying inadequacies in existing risk control measures in accordance with the hierarchy of control and, within area of responsibility, promptly provide resources enabling implementation of new measures

Learning Outcomes

To successfully complete this unit delegates must be able to:

- Risk mitigation plan definition.
- Manage business risk.
- Manage transfer risk and acceptance of risk.
- Understand Contingency Plan versus Mitigation Plan.
- Carry out proper risk assessment.
- Understand resiliency as a goal.
- Create a culture of mitigation.

Pre-requisite & Periodicity

There are no specific pre-requisites for the Understanding Environmental Conditions During Incident Response training. However, the delegate must be able to demonstrate suitable exposure within his/her sphere of influence therefore a good understanding of the resources used by the plant, the nature and source of pollutants and the waste materials produced by the plant. It also requires the operator to understand the impact of using resources, and the effect pollutants and waste can have on the local environment.

The Control Measures & Mitigation Planning training unit is part of the Master's Degree Level 7 program in Incident Response, Management & Recovery.

Aims & Objectives.

This subject describes the skills, knowledge and behaviours required to manage, direct and conduct strategic governance and social responsibilities planning for an organisation. This includes developing objectives and strategies, implementing initiatives and analysing,

interpreting, and monitoring trends and processes. It focuses on making provision for inclusivity to ensure that Response, Management, and Recovery of Incidents are compliant & ensure an effective and organized outcome to all involved and concerned at all levels.

Duration, Timings & Numbers

The optimum "contact time" for this training is seen as 26 hours with classroom-based instruction as the primary delivery style.

The total contact time per day will not exceed 8 hours. The total training day will not exceed 10 hours.

The maximum number of delegates per unit is six (6).

The Course Format

Course format is classroom lecture with Q&A and interactive discussion.