

YOUR PREPAREDNESS JOURNEY

WEBINAR 3: Equipment and Resources for Effective Response

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TRAINING SESSION OBJECTIVE

The Objective of this session is to provide you with an overview of the different types of operational risk specific response equipment and resources you should consider having available to you to carry out an effective initial response operation for Tier 1, 2 and 3 incidents.

Note: This webinar is for general information only.

Today we are going to look at three impact scenarios, and the types of response resources applicable to each.

The type, capability and quantity of response equipment selected by facilities, locations, and operations, should be based upon such information gathered during an Oil Spill Capability Review or similar, site specific, assessment of requirements.

Please Please Please, contact OSRL before you rush out and buy any response equipment so we can help you make the right choice.



SCENARIO 1:

Assessing your Current Spill Risks, Likelihoods and Potential Consequences.

Evaluate your current risk assessment and engage with Operational and Facility staff to gather an understanding of any changes to the processes that may lead to, and issues that may result from, potential spills of oil and other hazardous materials used at the facility.

- Review potential hazards and spill scenarios, how have these changed?
- Re-assess the potential environmental and socioeconomic impacts.
- Are your assumptions regarding the initial Risk Rating still valid?
- Review the current and planned prevention and mitigation measures that will reduce the likelihood and / or the potential consequences resulting from a spill.
- Are your assumptions regarding the final Risk Rating still valid?
- Identify the level of response (on-site, off-site, international) required.



SCENARIO 2:

Preparedness Planning, Documentation, Notification and Mobilization procedures

Your operation should have a contingency plan in place that coordinates the response actions to be carried out by the various groups who could be potentially involved in a response operation at your facility.

- Does the plan still clearly describe the operation, facility or geographic area that it covers?
- Are the roles, responsibilities, or expectations for each of the response elements described in the plan still valid?
- Is the guidance provided on how each of the various groups (internal and external) potentially involved in any response operation should be notified, how they will mobilize to the response location and what the expectations of service / support are from each group still realistic?
- Have there been any changes in the Legislative Controls and Approval Requirements needed to implement certain response strategies, i.e., Dispersant application?



STEP 3: IDENTIFY WHO
EMERGENCY RESPONSE and INCIDENT
MANAGEMENT TEAMS

Emergency Response and Incident Management

Team staffing requirements

Response teams need a robust organisational system in place that is consistent and flexible to allow all internal departments and external agencies to work together to respond to, and manage, incidents, regardless of their cause, tier level, location or complexity.

Is the Emergency Response Team able to: Is the Incident Management Team able to:

- Conduct a Hazard Assessment
 - Establish Site Control
 - Establish Site Safety
 - Establish Site Management
 - Perform Appropriate Notifications
 - Establish Communications
 - Utilise a continuous risk evaluation and mitigation process
- Establish Communications
 - Establish Incident Objectives
 - Perform appropriate notifications
 - Liaise with Partners
 - Implement Media Response Plan
 - Manage Information Flow
 - Provide Technical / Functional Support
 - Ensure integrity of the process during incidents by making corrective actions?



STEP 4: DETAIL WHEN and HOW *RESPONSE RESOURCES*

Response Resource Identification, Notification and Activation, Mobilization and Deployment Methods

The identification and organisation of response equipment into “tiered” response categories ensures that appropriate resources can be mobilised rapidly and effectively to any spill ranging from small operational spills to a worst credible scenario.

- Tier 1 - Incidents Requiring Local Spill Response Equipment and Personnel
 - Is Tier 1 equipment appropriate for a response to the most probable spill(s) (size and oil type) as identified in the risk assessment or the initial response to a larger spill?
- Tier 2 - Incidents Requiring Regional Response Resources
 - Are the available Tier 2 resources adequate and appropriate for responding to the size and oil type of the most probable Tier 2 spill scenario identified in the risk assessment?
- Tier 3 - Incidents Requiring Multiple, Possibly International, External Response Contractor Resources
 - Are the available Tier 3 resources adequate and appropriate for responding to the size and oil type of the worst credible spill scenario identified in the risk assessment?



STEP 5: REVISIT YOUR WHY *MAINTAINING RESPONSE READINESS*

Maintaining Response Readiness – Communication is Key

Regular Drills, Exercise and Competency Training are all useful tools in maintaining response readiness. The frequency that these sessions should be held should be based upon the requirements at both a facility, corporate and legislative level.

At a facility level the following discussion points can be used to assess individuals' knowledge of their roles and responsibilities and assess their need for additional support.

- On discovering that there has been a spill incident what is your first action?
- What would your role be in response to a spill incident?
- Who and where would you report to if you were informed that there had been a spill incident?
- What is the name of the document that provides guidance in responding to spills and where is it located?
- Where would you go to learn more about the incident and the role you may be required to take in response to that incident?

ERT Drills, IMT Exercises and Training from OSRL



Preparedness Tools and Services from OSRL

How Prepared are You to Handle a Spill?



A Tiered and Integrated Response Strategy Maximizes Response Effectiveness

Self Assessment Tools

- > Ready Check Assessment
- > Capability Review Guides

Drill and Exercise Support

- > Long Term or Short Term Specialist Support

On-line and remote delivery Training

- > Published Courses
- > Client Tailored

Capability Reviews

- > Equipment
- > Logistics
- > Management

Contingency Plans

- > Oil Spill Modeling
- > Risk Assessment
- > Environmental Sensitivity
- > Wildlife

You can get technical advice over the phone, outside of a response.

Staying in Touch

Support Services

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Find Us On

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