What is Preparedness?

What is Response?
Preparedness

1 - Responsibilities

Document those with Site Emergency Coordinator responsibility.
Document who are the site Emergency Responders

2 - Training Requirements

List training requirements for site emergency coordinators and responders

3 - Mutual Aid

Reference mutual aid agreements with others.

4 - Quantity, location, description, intended use and capabilities of emergency plan

Link to appropriate sections of the site emergency response manual

5 - Equipment Maintenance Testing

Document systems used to determine record maintenance of emergency preparedness equipment.
Plan Testing (Exercise)

1 - Creating a multi-year program incl. one full-blown

2 - Annual exercise planning

3 - Holding the exercise

4 - Evaluating the outcomes

5 - Reporting
CAN/CSA-Z731-95 *Emergency Planning for Industry*
CDS/MIACC

UN OECD Guiding Principles for *Chemical Accident Prevention, Preparedness and Response*
List the three largest single inventories isolated by manual or automated valves.

<table>
<thead>
<tr>
<th>Substance (English)</th>
<th>CAS number</th>
<th>UN Number</th>
<th>Threshold Quantity (tonnes)</th>
<th>Does the Chemical exist in your facility ('Yes' or 'leave blank')</th>
<th>Less than threshold concentration? ('Yes' or 'leave blank')</th>
<th>Maximum Inventory in unit (Kg)</th>
<th>Shipping / Receiving mode</th>
<th>List the three largest single inventories isolated by manual or automated valves. Vessel ID and Mass (Kg) (note: create a new line using &lt;alt&gt;&lt;enter&gt;)</th>
</tr>
</thead>
</table>

(ordered Alphabetically - English names)
### Unit E2 Emergency Plan

<table>
<thead>
<tr>
<th>Preparedness</th>
<th>Column B - Guidance</th>
<th>Column C - Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibilities</td>
<td><em>E2 plans require a list of the individuals, identified by name or position, who are to carry into effect the plan in the event of an environmental emergency and a description of their roles and responsibilities. The unit Crisis Response Leaders are the plant front line individuals responsible for the response. Link to role assignment list or list unit Crisis Response Leaders.</em></td>
<td>The unit Crisis Response Leaders are the plant front line individuals responsible for the response. The Global role description is available from the Dow Manage Production web page (select Roles and Global Roles under the operate plant work process – where you will find a description of the Crisis Response Leader role). The work process for the Crisis Response Leader is defined in section 5.0 of the same web page.</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Response</th>
<th>Column B - Guidance</th>
<th>Column C - Example</th>
</tr>
</thead>
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<tr>
<td>Scenarios Considered</td>
<td><em>Concisely list scenarios which pertain to the chemical inventories that exceed the CEPA thresholds considered such as: Flammable release and fire, Flammable release and explosion, Releases, Spills etc. This is also required in ODMS 06.04.L1.B.1</em></td>
<td></td>
</tr>
</tbody>
</table>
Response

1 - Quick plan activation

2 - Proper notification to first responders and affected parties
   
   initial response controls, stabilizes & secures

3 - Rapid assessment of path and impacts
   
   assess situation and identify critical objectives life, property, environment

4 - Adequate resource mobilization
   
   response escalation includes transfer of command & an integrated response

5 - Reporting activities

DOW RESTRICTED - For internal use only
INSTITUTIONALIZE

- Management System
  - compliance reporting
  - records retention

- Document Program
  - review & update

- CAER