

**A 2-days Training Programme on  
'Safeguarding and Effective Management of Hazardous Chemicals in Industries'**

<b>Time</b>	<b>Topic</b>	<b>Objectives</b>	<b>Resource Persons(s)</b>
<b>2<sup>nd</sup> February 2024</b>			
<b>10:00 – 10:15</b>	<b>Registration</b>	Online Registration	GIDM
<b>10:15 – 10:30</b>	<b>Inauguration &amp; Pre-Test</b>	Pre-Test of Participants	GIDM
<b>10:30 – 11:30</b>	<b>Introduction to Hazardous Chemicals and the Regulatory Framework</b>	<ul style="list-style-type: none"> <li>• Overview of the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989</li> <li>• Classification of hazardous chemicals</li> <li>• Responsibilities and obligations of industries under the rules</li> </ul>	Shri A U Vekariya, Assistant Director (Chemical), DISH
<b>11:30 – 11:40</b>	<b>Tea Break</b>		
<b>11:40 – 12:40</b>	<b>Issues and Challenges during a chemical emergencies: Case Study</b>	<ul style="list-style-type: none"> <li>• In-depth analysis of notable chemical disasters such as the Bhopal Gas Tragedy, LG Polymer Styrene release 2020, IOCL fire of Jaipur, etc.</li> <li>• Lessons learned and preventive measures.</li> </ul>	Shri D. C. Chaudhari Member, SEAC and GIDM Expert Committee
<b>12:40 – 13:30</b>	<b>Safe Handling and Storage of Hazardous Chemicals</b>	<ul style="list-style-type: none"> <li>• Guidelines for safe handling and storage of hazardous chemicals</li> <li>• Proper labeling and marking requirements</li> <li>• Facility design considerations for storage of hazardous chemicals</li> </ul>	Shri D. C. Chaudhari Member, SEAC and GIDM Expert Committee Member
<b>13:30 – 14:30</b>	<b>Lunch</b>		
<b>14:30 – 16:00</b>	<b>Tools for Hazardous Chemical Management</b>	<ul style="list-style-type: none"> <li>• Introduction to various tools and systems for managing hazardous chemicals</li> <li>• Chemical inventory management systems</li> <li>• Material Safety data sheets (MSDS) and their importance</li> </ul>	Mr. Sukanto Das, Lead Process Safety Specialist, Best Value Chem Pvt.
<b>16:00 – 16:15</b>	<b>Tea Break</b>		

<b>16:15 – 17:30</b>	<b>Emergency Response Plan for Oil and Gas Industries</b>	<ul style="list-style-type: none"> <li>• Risk Assessment and Hazard Identification</li> <li>• Emergency Preparedness and Planning</li> <li>• Incident Command System (ICS)</li> <li>• Emergency Response</li> </ul>	Dr. Rakesh Dubey, Former Director, DMI Bhopal and GIDM Expert Committee Member
<b>3<sup>rd</sup> February 2024</b>			
<b>10:00 – 11:15</b>	<b>Safety Audit as per IS 14489:2018</b>	<ul style="list-style-type: none"> <li>• Overview of IS 14489:2018 for conducting safety audits</li> <li>• Practical application and compliance assessment</li> </ul>	Dr. Yagnesh Naik, Naik & Associates- Safety & Engineering Consultancy Services
<b>11:15 – 11:30</b>	<b>Tea Break</b>		
<b>11:30 – 12:30</b>	<b>Environmental Monitoring and Reporting</b>	<ul style="list-style-type: none"> <li>• Importance of environmental monitoring in chemical management</li> <li>• Techniques for sampling and analyzing environmental samples</li> <li>• Reporting obligations for environmental incidents and pollution</li> </ul>	Shri N M Tabhani, GIDM Expert Committee Member
<b>12:30 – 13:30</b>	<b>Understanding Chemical Exposures and Toxicology</b>	<ul style="list-style-type: none"> <li>• Common types of chemical exposures in industrial settings</li> <li>• Toxicological effects of different hazardous chemicals</li> <li>• Identification of high-risk chemicals and their specific antidotes</li> </ul>	Dr. Tejas Prajapati, Medical Toxicologist
<b>13:30 – 14:30</b>	<b>Lunch</b>		
<b>14:30 – 16:00</b>	<b>Table Top Exercise</b>	<ul style="list-style-type: none"> <li>• Simulated mock drill to assess response capabilities</li> <li>• Scenario-based discussions and decision-making exercises</li> </ul>	GIDM Expert Committee
<b>16:00 – 16:15</b>	<b>Tea Break</b>		
<b>16:15 – 16:30</b>	<b>Post Test</b>	Post Test of Participants	GIDM
<b>16:30 – 16:45</b>	<b>Valedictory, Distribution of Certificates</b>	<ul style="list-style-type: none"> <li>• Feedback</li> <li>• Handing over certificates</li> </ul>	GIDM