

LFIMX002

## Fire fighting advanced and rescue

<b>Duration</b>	2 days
<b>Target group</b>	Aimed to workers included in the Facility Firefighting Brigade, Search and Rescue or Private Fire Fighting Team in Oil
<b>Prerequisites</b>	Basic Safety Training or Basic Firefighting Training and Self-Rescue, Physical and Medical Aptitud.
<b>Objective</b>	At the end of the training the Delegate will: Recognize fire nature. Fire Chemistry. Identify the combustible materials and Fire types. Identify estinguishers and estinguishing materials. Apply Firefighting advanced tecniques. Integrate as Firefighting Brigade Member. Resort to Locate and Rescue injured personnel on Fire Scenario. Recognize and use Rescue equipment correctly.
<b>Contents</b>	<p>Following topics will be covered during the training:</p> <ul style="list-style-type: none"> <li>4 elements fire identification</li> <li>Adequate tecniques to firefighting</li> <li>identify fire types as norms and standarts NFPA and mexican NOM-002-STPS-2010.</li> <li>Correct tecniques to select portable extinguisher according to fire type. <ul style="list-style-type: none"> <li>* Water</li> <li>* Dry chemical dust</li> <li>* CO2</li> <li>* Foam</li> </ul> </li> <li>PTW (Hot Works)</li> <li>Intrinsically Safe Equipment Identification</li> <li>Fire retardant material application and Explosion proof</li> <li>Physical ground and estatic electricity control</li> <li>Extinguisher agents and equipments</li> <li>Victim Dragging and Moving Techniques</li> <li>Hazards and Risks evaluation on industrial process</li> <li>Detection and firefighting <ul style="list-style-type: none"> <li>* Automatic systems (Inert Gas, Dry chemical, Foam)</li> <li>* Deluge System</li> <li>* Detección System</li> </ul> </li> <li>Explosive and Toxic Atmosphere <ul style="list-style-type: none"> <li>· Emergency alarm, massive communication and notification systems</li> <li>· Fixed monitoring and pumping systems</li> <li>· Equipment for Firefighting and rescue <ul style="list-style-type: none"> <li>* Rollover</li> <li>* Flashover</li> <li>* Backdraft</li> <li>* BLEVE</li> </ul> </li> </ul> </li> <li>Explosion <ul style="list-style-type: none"> <li>* Deflagration</li> <li>* Detonation</li> </ul> </li> <li>Especific FireFighting EPP</li> <li>Hydrants and hoses</li> <li>Energy Isolation Procedure</li> <li>House on Fire Practices</li> </ul>

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**Exam**

Not applicate.