

## Confined Space High Risk

<b>Duration</b>	24h - 3 days
<b>Target group</b>	<p>High-risk confined space training is designed for individuals working in environments where there is a significant threat to life and health. These risks include oxygen deficiency, the presence of toxic substances, explosive atmospheres, or a high risk of entrapment.</p> <p>Target Groups:</p> <ul style="list-style-type: none"> <li>• Industrial rescue teams and emergency response personnel responsible for confined space incidents.</li> <li>• Workers in chemical and petrochemical plants where toxic gases, flammable substances, or explosions may occur.</li> <li>• Employees in wastewater treatment plants and water facilities who enter tanks and high-risk chambers.</li> <li>• Workers in silos and storage tanks, where there is a risk of engulfment, oxygen deficiency, or gas accumulation.</li> <li>• Energy and mining sector workers operating in tight, poorly ventilated spaces with potential atmospheric hazards.</li> <li>• Construction and industrial personnel involved in renovation, maintenance, and dismantling of installations in high-risk areas.</li> <li>• Inspection and technical control specialists conducting measurements and tests in hazardous confined spaces.</li> </ul> <p>High-Risk training is essential for individuals working in extremely hazardous conditions, where the lack of proper procedures can result in severe injuries or fatalities. This training is required for individuals who need advanced knowledge and skills in rescue operations, atmospheric monitoring, and the use of protective equipment.</p>
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>• Minimum age of 18 years.</li> <li>• Good physical condition.</li> <li>• No medical contraindications for working at heights.</li> <li>• Completion of CS Medium Risk training or proof of completion of construction or rope access training.</li> </ul>
<b>Objective</b>	<p>Examples of High-Risk Confined Spaces:</p> <ul style="list-style-type: none"> <li>• Tanks containing chemicals or flammable substances.</li> <li>• Sewage chambers and ducts with toxic gas hazards (e.g., hydrogen sulfide).</li> <li>• Tunnels and shafts where oxygen deficiency or collapse risks exist.</li> <li>• Explosive atmosphere spaces (e.g., fuel tanks, ventilation ducts with flammable substances).</li> <li>• Installations requiring the use of breathing equipment or fall protection systems.</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Advanced risk assessment and hazard identification in confined spaces.</li> <li>• Handling and use of protective equipment, including self-contained breathing apparatus (SCBA).</li> <li>• Atmospheric monitoring – detection of oxygen levels, toxic, and flammable gases.</li> </ul>

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- Fall protection, evacuation systems, and rescue procedures.
  - Teamwork and crisis management in confined spaces.
  - Lockout/Tagout (LOTO) procedures.
  - Emergency response, including first aid in confined spaces.
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## **Exam**