

NR-33 - Authorized Worker and Attendant Training in Confined Spaces - 16h

Duration	2 days
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Target group	Workers and watchman who perform activities in confined spaces.
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Prerequisites	<ul style="list-style-type: none">- RG and CPF;- Passport (expatriate);- Occupational Health Certificate (ASO) or certificate of good physical and mental health conditions including working at heights and confined space.
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Objective	To qualify workers and watchman to perform their activities in confined space in accordance with NR33.
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Contents	<ul style="list-style-type: none">- Theory 8h<ol style="list-style-type: none">1. Definitions.2. Recognition, Evaluation and Risk Control: Concept of Risk and Hazard; IDLH atmosphere and its conditions; Preliminary risk analysis; Classified area; Imprisonment; Engulfment.3. Operation of Equipment Utilized. Fixed and Portable Equipment; Protective equipment; Communication Equipment.4. Procedures and Utilization of the Entry and Work Permit: EWP - Entry and Work Permit; Training Work Team; Authorized workers, watchman and entry supervisors; Risk Types; Atmospheric evaluation; Type of Gases; Tolerance limit, flammables; explosivity; Oxygen Enrichment or deficiency; Carbon monoxide; H2S; Isolation and signaling; lockout / tagout; Ventilation.5. Notions of rescue and First Aid.- Practice 8h<ul style="list-style-type: none">Respiratory protection;Recognition of the scenarios;Inspection and selection of equipment;Preparation of PRA and EWP (Entry and work Permit);Use of Multigas (demo);Role of entrants and watchkeeper;Horizontal entrance (respiratory protection use);Vertical entrance;Notions of rescue of victims. <p>Technical Reference: NR-33; NBR16577; OSHA 29 CFR 1910.146.</p>
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Exam	<p>Students will be assessed through direct observation during practical activities.</p> <p>Validity: 1 year</p>
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