

## NR-20 - Advanced Course of Safety and Health at Working with Flammable and Combustible Liquids – Class III

<b>Duration</b>	4 days
<b>Target group</b>	Workers who perform activities in Class III installations and enter areas or locations of extraction, production, storing, transferring and handling of flammable material and combustible liquids, and keep direct contact with process or processing, performing operating activities and emergency response.
<b>Prerequisites</b>	<ul style="list-style-type: none"><li>- RG and CPF;</li><li>- Passport (expatriate);</li><li>- Occupational Health Certificate (ASO) or certificate of good physical and mental health conditions.</li></ul>
<b>Objective</b>	Provide information on hazards, risks and procedures for emergency situations for workers who perform activities in Class III installations and enter areas or locations of extraction, production, storing, transferring and handling of flammable material and combustible liquids, and keep direct contact with process or processing, performing operating activities and emergency response.
<b>Contents</b>	<p>Theory - 28 hours</p> <ol style="list-style-type: none"><li>1. Flammable: characteristics, aspects, hazards and risks;</li><li>2. Collective and individual control for activities with flammable material;</li><li>3. Ignition sources and its control;</li><li>4. Protection against fires caused by flammable material;</li><li>5. Basic procedures in emergency situation involving flammable material.</li><li>6. Study of the NR-20;</li><li>7. Preliminary Risk Assessment: concepts and practice exercises;</li><li>8. Work Permit for activities with flammable material;</li><li>9. Accidents involving flammable material: cause analysis and preventive measures;</li><li>10. Response Planning to emergencies involving flammable material.</li><li>11. Basic knowledge in process of the installation safety;</li><li>12. Basic knowledge in change management.</li></ol> <p>Practice - 4 hours</p> <ol style="list-style-type: none"><li>1. Knowledge and use of the security systems against fires caused by flammable material.</li></ol> <p>Legislation: NR-20</p>
<b>Exam</b>	<p>Multiple choice exam with minimum passing grade of 60%.</p> <p>Validity: 1 year</p>