

Course code	OSP330
Course name	Gas detection in the Handling of Flexible Lines and Umbilicals
Duration	½ day
Target group	Workers who work with offshore activities of launch of flowlines and umbilicals and line as all those in units that have this type of service.
Prerequisites	-RG and CPF -Passport (expatriates)
Objective	To guide workers on gases that remains in flowlines and umbilicals and how to deal safely in case of detection of these.
Contents	<p>Theory 04 hrs:</p> <ul style="list-style-type: none"> <li>- Oil</li> <li>- Carbon Monoxide</li> <li>- Carbon dioxide</li> <li>- Methane</li> <li>- Hydrogen</li> <li>- H<sub>2</sub>S</li> <li>- Formation of sulphate ion</li> <li>- Treatment of injection water</li> <li>- Sulphur recovery</li> <li>- Claus sulfur Recovery Process</li> <li>- The iron Atom</li> <li>- Exhibition</li> <li>- Effects of H<sub>2</sub>S</li> <li>- Control Measures</li> <li>- Prevention</li> <li>- Reference to the operational procedure for the handling of Flexible Lines and Umbilicals with waste Gases.</li> </ul> <p>Legislation</p> <ul style="list-style-type: none"> <li>- NR-15</li> <li>- Subsea internal procedure 7 PR-BRA-OPS-014-P</li> </ul>
Exam	<p>N/A</p> <p>Validity: N/A</p>