

1. Title	Incident handling and failure analysis for factory use compressed gas and auxiliary equipment									
2. Code	EMPEOM505A									
3. Range	Perform incident handling and failure analysis for factory use compressed gas and auxiliary equipment in general industrial plants, power plants or other places.									
4. Level	5									
5. Credits	6									
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Methods of incident handling and failure analysis for factory use compressed gas and auxiliary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Be familiar with the causes and handling methods for factory use compressed gas and auxiliary equipment incidents such as:               <ul style="list-style-type: none"> <li>• Factory use compressed gas and auxiliary equipment burning up on fire</li> <li>• Severe failure in factory use compressed gas and auxiliary equipment</li> </ul> </li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Procedures of incident handling and failure analysis for factory use compressed gas and auxiliary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Perform incident handling for factory use compressed gas and auxiliary equipment, eliminate the failure to safeguard the system and environment</li> <li>◆ Inform relevant departments and report on the incident</li> <li>◆ Perform failure analysis and various types of contingencies such as               <ul style="list-style-type: none"> <li>• Emergency shutdown</li> <li>• Arrangement for staff evacuation</li> </ul> </li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in incident handling and failure analysis for factory use compressed gas and auxiliary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Locate the incident, analyze the cause of failure and handle it immediately according to your common sense and expertise and manufacturer's information</li> <li>◆ Perform incident handling and failure analysis for factory use compressed gas and auxiliary equipment in compliance with the code of safety and code of practice</li> </ul> </td> </tr> </table>	6.1	Methods of incident handling and failure analysis for factory use compressed gas and auxiliary equipment	<ul style="list-style-type: none"> <li>◆ Be familiar with the causes and handling methods for factory use compressed gas and auxiliary equipment incidents such as:               <ul style="list-style-type: none"> <li>• Factory use compressed gas and auxiliary equipment burning up on fire</li> <li>• Severe failure in factory use compressed gas and auxiliary equipment</li> </ul> </li> </ul>	6.2	Procedures of incident handling and failure analysis for factory use compressed gas and auxiliary equipment	<ul style="list-style-type: none"> <li>◆ Perform incident handling for factory use compressed gas and auxiliary equipment, eliminate the failure to safeguard the system and environment</li> <li>◆ Inform relevant departments and report on the incident</li> <li>◆ Perform failure analysis and various types of contingencies such as               <ul style="list-style-type: none"> <li>• Emergency shutdown</li> <li>• Arrangement for staff evacuation</li> </ul> </li> </ul>	6.3	Professionalism in incident handling and failure analysis for factory use compressed gas and auxiliary equipment	<ul style="list-style-type: none"> <li>◆ Locate the incident, analyze the cause of failure and handle it immediately according to your common sense and expertise and manufacturer's information</li> <li>◆ Perform incident handling and failure analysis for factory use compressed gas and auxiliary equipment in compliance with the code of safety and code of practice</li> </ul>
6.1	Methods of incident handling and failure analysis for factory use compressed gas and auxiliary equipment	<ul style="list-style-type: none"> <li>◆ Be familiar with the causes and handling methods for factory use compressed gas and auxiliary equipment incidents such as:               <ul style="list-style-type: none"> <li>• Factory use compressed gas and auxiliary equipment burning up on fire</li> <li>• Severe failure in factory use compressed gas and auxiliary equipment</li> </ul> </li> </ul>								
6.2	Procedures of incident handling and failure analysis for factory use compressed gas and auxiliary equipment	<ul style="list-style-type: none"> <li>◆ Perform incident handling for factory use compressed gas and auxiliary equipment, eliminate the failure to safeguard the system and environment</li> <li>◆ Inform relevant departments and report on the incident</li> <li>◆ Perform failure analysis and various types of contingencies such as               <ul style="list-style-type: none"> <li>• Emergency shutdown</li> <li>• Arrangement for staff evacuation</li> </ul> </li> </ul>								
6.3	Professionalism in incident handling and failure analysis for factory use compressed gas and auxiliary equipment	<ul style="list-style-type: none"> <li>◆ Locate the incident, analyze the cause of failure and handle it immediately according to your common sense and expertise and manufacturer's information</li> <li>◆ Perform incident handling and failure analysis for factory use compressed gas and auxiliary equipment in compliance with the code of safety and code of practice</li> </ul>								
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>(i) Capable to handle the factory use compressed gas and auxiliary equipment incidents;</li> <li>(ii) Capable to compile reports on failure analysis and handling methods for factory use compressed gas and auxiliary equipment; and</li> <li>(iii) Capable to clearly report the status of factory use compressed gas and auxiliary equipment.</li> </ul>									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person is already familiar with the operation of factory use compressed gas and auxiliary equipment.									