

1. Title	Startup of factory use compressed gas and auxiliary equipment										
2. Code	EMPEOM314A										
3. Range	Perform startup of factory use compressed gas and auxiliary equipment in general industrial plants, power plants or other places.										
4. Level	3										
5. Credits	3										
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;">Startup principles for factory use compressed gas and auxiliary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Understand the functions and operating principle of devices for factory use compressed gas and auxiliary equipment ◆ Understand startup procedures for factory use compressed gas and auxiliary equipment ◆ Understand the noting points for the startup of factory use compressed gas and auxiliary equipment </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Startup procedures for factory use compressed gas and auxiliary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Perform startup operation for various types of factory use compressed gas and auxiliary equipment according to the requirements of operation procedure such as <ul style="list-style-type: none"> • Checking the pressure and amount of lubrication oil • Checking that the cooling water supply is normal • Checking the compressed gas outlet temperature and flow • Adjusting various types of valves ◆ Use startup devices for factory use compressed gas and auxiliary equipment ◆ Compile reports on startup of various types of factory use compressed gas and auxiliary equipment </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in startup of factory use compressed gas and auxiliary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow manufacturer's instructions and procedures of operation to perform the startup of factory use compressed gas and auxiliary equipment ◆ Perform the startup of factory use compressed gas and auxiliary equipment in compliance with the code of safety and codes of practice </td> </tr> </table>		6.1	Startup principles for factory use compressed gas and auxiliary equipment	<ul style="list-style-type: none"> ◆ Understand the functions and operating principle of devices for factory use compressed gas and auxiliary equipment ◆ Understand startup procedures for factory use compressed gas and auxiliary equipment ◆ Understand the noting points for the startup of factory use compressed gas and auxiliary equipment 	6.2	Startup procedures for factory use compressed gas and auxiliary equipment	<ul style="list-style-type: none"> ◆ Perform startup operation for various types of factory use compressed gas and auxiliary equipment according to the requirements of operation procedure such as <ul style="list-style-type: none"> • Checking the pressure and amount of lubrication oil • Checking that the cooling water supply is normal • Checking the compressed gas outlet temperature and flow • Adjusting various types of valves ◆ Use startup devices for factory use compressed gas and auxiliary equipment ◆ Compile reports on startup of various types of factory use compressed gas and auxiliary equipment 	6.3	Professionalism in startup of factory use compressed gas and auxiliary equipment	<ul style="list-style-type: none"> ◆ Follow manufacturer's instructions and procedures of operation to perform the startup of factory use compressed gas and auxiliary equipment ◆ Perform the startup of factory use compressed gas and auxiliary equipment in compliance with the code of safety and codes of practice
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7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to clearly explain the startup procedures for factory use compressed gas and auxiliary equipment; (ii) Capable to perform the startup of factory use compressed gas and auxiliary equipment independently according to procedures; (iii) Capable to complete simple reports on factory use compressed gas and auxiliary equipment startup; and (iv) Capable to clearly report the startup status of factory use compressed gas and auxiliary equipment.
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of factory use compressed gas and auxiliary equipment.</p>