

1. Title	Startup of plant auxiliary equipment									
2. Code	EMPEOM331A									
3. Range	Perform startup of plant auxiliary equipment (such as compressed gas system, compressed air system, lighting system, ion exchange resin demineralisation device, seawater cooling system, hydrogen storage equipment, etc.) 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 plant auxiliary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Understand the functions and operating principle of devices for plant auxiliary equipment ◆ Understand startup procedures for plant auxiliary equipment ◆ Understand the noting points for the startup of plant auxiliary equipment </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Startup procedures for plant auxiliary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Perform startup operation for various types of plant auxiliary equipments according to the requirements of operation procedure ◆ Use startup devices for various types of plant auxiliary equipment </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in startup of plant 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 plant auxiliary equipment ◆ Perform the startup of plant auxiliary equipment related to pressure vessels in compliance with the statutory requirements and codes of practice for pressure vessels </td> </tr> </table>	6.1	Startup principles for plant auxiliary equipment	<ul style="list-style-type: none"> ◆ Understand the functions and operating principle of devices for plant auxiliary equipment ◆ Understand startup procedures for plant auxiliary equipment ◆ Understand the noting points for the startup of plant auxiliary equipment 	6.2	Startup procedures for plant auxiliary equipment	<ul style="list-style-type: none"> ◆ Perform startup operation for various types of plant auxiliary equipments according to the requirements of operation procedure ◆ Use startup devices for various types of plant auxiliary equipment 	6.3	Professionalism in startup of plant auxiliary equipment	<ul style="list-style-type: none"> ◆ Follow manufacturer's instructions and procedures of operation to perform the startup of plant auxiliary equipment ◆ Perform the startup of plant auxiliary equipment related to pressure vessels in compliance with the statutory requirements and codes of practice for pressure vessels
6.1	Startup principles for plant auxiliary equipment	<ul style="list-style-type: none"> ◆ Understand the functions and operating principle of devices for plant auxiliary equipment ◆ Understand startup procedures for plant auxiliary equipment ◆ Understand the noting points for the startup of plant auxiliary equipment 								
6.2	Startup procedures for plant auxiliary equipment	<ul style="list-style-type: none"> ◆ Perform startup operation for various types of plant auxiliary equipments according to the requirements of operation procedure ◆ Use startup devices for various types of plant auxiliary equipment 								
6.3	Professionalism in startup of plant auxiliary equipment	<ul style="list-style-type: none"> ◆ Follow manufacturer's instructions and procedures of operation to perform the startup of plant auxiliary equipment ◆ Perform the startup of plant auxiliary equipment related to pressure vessels in compliance with the statutory requirements and codes of practice for pressure vessels 								
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 plant auxiliary equipment; (ii) Capable to perform the startup of plant auxiliary equipment independently according to procedures; (iii) Capable to complete simple report on plant auxiliary equipment startup; and (iv) Capable to clearly report the startup status of plant auxiliary equipment. 									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of plant auxiliary equipment.									