

1. Title	Operate bulk material conveying system equipment (compressed air or vacuum driven) in control rooms											
2. Code	EMPEOM415A											
3. Range	Operate bulk material conveying system equipment (compressed air or vacuum driven) in control rooms in general industrial plants, power plants or other places.											
4. Level	4											
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;">Operating principle for compressed air or vacuum driven bulk material conveying system equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Understand the operating principle of compressed air or vacuum driven bulk material conveying system equipment</li> <li>◆ Understand the functions and importance of compressed air or vacuum driven bulk material conveying system equipment</li> <li>◆ Understand the composition and workflow of compressed air or vacuum driven bulk material conveying system equipment</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Methods and procedures of operating compressed air or vacuum driven bulk material conveying system equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Read and understand the instructions and procedures of operation in the operation manual</li> <li>◆ Start up the bulk material conveying system equipment at suitable time according to instructions</li> <li>◆ Know how to operate various types of compressed air or vacuum driven bulk material conveying system equipment</li> <li>◆ Monitor the operation of compressed air or vacuum driven bulk material conveying system equipment according to instructions</li> <li>◆ Perform shutdown operation of compressed air or vacuum driven bulk material conveying system equipment at suitable time according to instructions</li> <li>◆ Compile reports on the operation of compressed air or vacuum driven bulk material conveying system equipment</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in operating compressed air or vacuum driven bulk material conveying system equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Follow guidelines and procedures to operate compressed air or vacuum driven bulk material conveying system equipment</li> <li>◆ Perform compressed air or vacuum driven bulk material conveying system equipment in compliance with the code of safety and code of practice</li> </ul> </td> </tr> </table>			6.1	Operating principle for compressed air or vacuum driven bulk material conveying system equipment	<ul style="list-style-type: none"> <li>◆ Understand the operating principle of compressed air or vacuum driven bulk material conveying system equipment</li> <li>◆ Understand the functions and importance of compressed air or vacuum driven bulk material conveying system equipment</li> <li>◆ Understand the composition and workflow of compressed air or vacuum driven bulk material conveying system equipment</li> </ul>	6.2	Methods and procedures of operating compressed air or vacuum driven bulk material conveying system equipment	<ul style="list-style-type: none"> <li>◆ Read and understand the instructions and procedures of operation in the operation manual</li> <li>◆ Start up the bulk material conveying system equipment at suitable time according to instructions</li> <li>◆ Know how to operate various types of compressed air or vacuum driven bulk material conveying system equipment</li> <li>◆ Monitor the operation of compressed air or vacuum driven bulk material conveying system equipment according to instructions</li> <li>◆ Perform shutdown operation of compressed air or vacuum driven bulk material conveying system equipment at suitable time according to instructions</li> <li>◆ Compile reports on the operation of compressed air or vacuum driven bulk material conveying system equipment</li> </ul>	6.3	Professionalism in operating compressed air or vacuum driven bulk material conveying system equipment	<ul style="list-style-type: none"> <li>◆ Follow guidelines and procedures to operate compressed air or vacuum driven bulk material conveying system equipment</li> <li>◆ Perform compressed air or vacuum driven bulk material conveying system equipment in compliance with the code of safety and code of practice</li> </ul>
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<p>7. Assessment Criteria</p>	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>(i) Capable to perform general operation of compressed air or vacuum driven bulk material conveying system equipment;</li> <li>(ii) Capable to perform startup and shutdown operation of compressed air or vacuum driven bulk material conveying system equipment;</li> <li>(iii) Capable to compile reports on the operation of compressed air or vacuum driven bulk material conveying system equipment; and</li> <li>(iv) Capable to clearly report the operational status of the equipment.</li> </ul>
<p>8. Remarks</p>	<p>The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of operating compressed air or vacuum driven bulk material conveying system equipment.</p>