

1. Title	Monitor the running of bulk material conveying equipment
2. Code	EMPEOM329A
3. Range	Monitor the running of bulk material conveying 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> <p>6.1      Fault handling methods and technical specifications of bulk material conveying equipment</p> <ul style="list-style-type: none"> <li>◆ Be familiar with the methods of handling the faults of various types of bulk material feeding and bulk material distribution equipment <ul style="list-style-type: none"> <li>• Causes of faults and methods of handling and preventing them</li> </ul> </li> <li>◆ Be familiar with the technical specifications of the equipment <ul style="list-style-type: none"> <li>• Technical specifications of speed reducer type</li> <li>• Technical specifications of other mechanical parts</li> <li>• Requirements for allowed temperature and temperature rise</li> <li>• Requirements for the allowed vibration value of bearing</li> </ul> </li> </ul> <p>6.2      Techniques of monitoring the running of bulk material conveying equipment</p> <ul style="list-style-type: none"> <li>◆ Use the known technical specifications of equipment and master the operating parameters to monitor the operation of following equipment: <ul style="list-style-type: none"> <li>• Conveyor belt</li> <li>• Grinding machine</li> <li>• Feeder</li> </ul> </li> <li>◆ Monitor the handling of impurities</li> </ul> <p>6.3      Professionalism in monitoring the running of bulk material conveying equipment</p> <ul style="list-style-type: none"> <li>◆ Ensure that the running procedures are carried out according to safety guidelines</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i)      Capable to monitor the running of bulk material conveying equipment according to its mode of running and the principles of handling accidents; and</p> <p>(ii)     Capable to clearly report the operational status of bulk material conveying equipment.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of bulk material feeding and distribution.