

1. Title	Repair medium speed mill
2. Code	EMPERM304A
3. Range	Repair medium speed pulverized mill in general industrial plants, power plants or other places.
4. Level	3
5. Credits	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Structure and properties of medium speed mill ♦ Understand the functions, basic working principle and structure of general medium speed mill in powder preparation system</p> <p>6.2 Techniques and methods of repairing medium speed pulverized mill ♦ Know the need and principles for scheduled repair and maintenance of medium speed mill including inspection, maintenance, testing and cleaning</p> <p style="padding-left: 150px;">♦ Use general repair and inspection instruments and tools properly to perform repairing tasks for medium speed mill including:</p> <ul style="list-style-type: none"> • Assembling and disassembling mechanical parts • Measuring the outer edge of mill regularly • Weld repair and grinding • Measuring the labyrinth seal ring and stent gaps <p>6.3 Professionalism in repairing medium speed mill ♦ Follow manufacturer’s repair guidelines to formulate your own repair schedule</p>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to inspect and repair medium speed mill independently;</p> <p>(ii) Capable to complete simple reports on medium speed mill repair; and</p> <p>(iii) Capable to clearly report the status of the mechanical operation of medium speed mill .</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses general mechanical repair techniques and knows the basic operation of welder.