

1. Title	Repair bowl mill
2. Code	EMPERM309A
3. Range	Repair bowl mills 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 bowl mill</p> <ul style="list-style-type: none"> ◆ Understand the functions, basic working principle and structure of general bowl mill in powder preparation system <ul style="list-style-type: none"> • Roller • Separator • Wind belt • Mill table • Gear box • Drive system <p>6.2 Techniques and methods of repairing bowl mill</p> <ul style="list-style-type: none"> ◆ Know the need and principles for scheduled repair and maintenance of bowl mill including inspection, maintenance, testing and cleaning ◆ Use general repair and inspection instruments and tools properly to perform repairing tasks for bowl mill including: <ul style="list-style-type: none"> • Weld repair and mending • Assembling and disassembling mechanical parts <p>6.3 Professionalism in repairing bowl mill</p> <ul style="list-style-type: none"> ◆ Follow manufacturer's repair guidelines to formulate repair schedule ◆ Find out the causes of faults and repair them
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to inspect and repair bowl mill independently;</p> <p>(ii) Capable to complete simple reports on bowl mill repair; and</p> <p>(iii) Capable to clearly report the status of the mechanical operation of bowl 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.