

1. Title	Install and repair conveyor belts
2. Code	EMPERM217A
3. Range	Perform routine installation and repair for conveyor belts in general industrial plants, power plants or other places.
4. Level	2
5. Credits	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Structure and basic working principle of conveyor belts</p> <ul style="list-style-type: none"> ◆ Understand the structure and basic operating principle of general conveyor belts, including: <ul style="list-style-type: none"> • Operating principle of related machinery • Structural design of conveyor belts • Safety of conveyor belts <p>6.2 Procedures of installing and repair conveyor belts</p> <ul style="list-style-type: none"> ◆ Take appropriate precautions for different target objects ◆ Adjust the conveyor belt to a safe speed ◆ Make the conveyor belt and roller operate smoothly ◆ Know the principles and need of scheduled repair and maintenance, including the procedures of : <ul style="list-style-type: none"> • Inspection • Maintenance (mending and changing the belt) • Testing • Oiling <p>6.3 Professionalism in installing and repairing conveyor belts</p> <ul style="list-style-type: none"> ◆ Understand the structure and operation of different kinds conveyor belts ◆ Make the conveyor belts meet the requirements of the codes of practice ◆ Perform repair according to the working guidelines
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to perform routine installation and repair for conveyor belts under instruction and according to guidelines;</p> <p>(ii) Capable to take safety precautions; and</p> <p>(iii) Capable to complete installation and repair report forms for the conveyor belts.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic safety and mechanical/material knowledge.