

1. Title	Pre-startup inspection and general operation of bulk material conveyor belt and its auxiliary equipment	
2. Code	EMPEOM304A	
3. Range	Perform pre-startup inspection and general operation of bulk material conveyor belt and its auxiliary equipment in general industrial plants, power plants or other places.	
4. Level	3	
5. Credits	9	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Operating principle of bulk material conveyor belt and its auxiliary equipment</p> <ul style="list-style-type: none"> ◆ Understand the operating principle of bulk material conveyor belt and its auxiliary equipment ◆ Know the purpose of pre-startup inspection of bulk material conveyor belt and its auxiliary equipment ◆ Understand the composition and workflow of bulk material conveyor belt and its auxiliary equipment <p>6.2 Methods and procedures of pre-startup inspection and general operation</p> <ul style="list-style-type: none"> ◆ Read and understand the instructions and procedures of operation in the operation manual ◆ Inspect at suitable times the bulk material conveyor belt and its auxiliary equipment according to instructions, such as <ul style="list-style-type: none"> • conveyor belt not breaking • gearbox oil level is normal • condition of the rolling reel of conveyor belt • off-belt sensor • speed sensor • normal operation of emergency stop button • clear off things on the conveyor belt • in-situ control box is in remote control position • block sensor ◆ implement and monitor the operation of bulk material conveyor belt and its auxiliary equipment according to instructions, such as <ul style="list-style-type: none"> • No off-belt • No obstacle in return position • No unusual noise and damage during motor operation ◆ Belt scraper is intact and properly contacts the whole area of the belt <ul style="list-style-type: none"> • Roller not overheat • Rubber skirt in good condition ◆ Compile report on pre-startup inspection and general operation of bulk material conveyor belt 	

	<p>6.3 Professionalism in handling pre-startup inspection and general operation</p> <ul style="list-style-type: none"> ◆ Follow guidelines and procedures to perform pre-startup inspection and general operation for bulk material conveyor belt ◆ Perform pre-startup inspection and general operation for bulk material conveyor belt in compliance with the code of safety and codes of practice
<p>7. Assessment Criteria</p>	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to perform independently pre-startup inspection for bulk material conveyor belt and its auxiliary equipment; (ii) Capable to implement and monitor independently general operation of bulk material conveyor belt and its auxiliary equipment; (iii) Capable to complete simple reports on the inspection and operation of bulk material conveyor belt and its auxiliary equipment; and (iv) Capable to clearly report the status of operation of bulk material conveyor belts.
<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 industry safety and mechanical operation.</p>