

1. Title	Operate conveyor belt, screw type conveying system and its auxiliary equipment in control room to unload materials	
2. Code	EMPEOM406A	
3. Range	Operate conveyor belt, screw type conveying system and its auxiliary equipment to unload materials in general industrial plants, power plants or other places.	
4. Level	4	
5. Credits	9	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Operating principle of conveyor belt, screw type conveying system and its auxiliary equipment</p> <ul style="list-style-type: none"> ◆ Understand the operating principle of conveyor belt, screw type conveying system and its auxiliary equipment ◆ Know the shutdown procedures for conveyor belt, screw type conveying system and its auxiliary equipment ◆ Understand the composition and workflow of conveyor belt, screw type conveying system and its auxiliary equipment <p>6.2 Methods and procedures of controlling conveyor belt, screw type conveying system and its auxiliary equipment to unload materials</p> <ul style="list-style-type: none"> ◆ Read and understand the instructions and procedures of operation in the operation manual ◆ Judge whether the conveyor belt, screw type conveying system and its auxiliary equipment operate properly and decide whether to implement shutdown operation or not ◆ Handle operation failures of the conveyor belt and its auxiliary equipment, such as <ul style="list-style-type: none"> • Mis-alignment • Obstacles in return position • Unusual noise and damage during motor operation • Belt scraper damaged and not contacting the whole area of the belt properly • Roller overheat • Rubber skirt damaged ◆ Handle operation failures of screw type conveyor belts such as <ul style="list-style-type: none"> • Rusty screw • Bearing damage • System block • Overload • Noise and damage during the operation of hydraulic system ◆ Perform emergency shutdown operation ◆ Compile reports on general operation and shutdown of conveyor belts 	

	<p>6.3 Professionalism in controlling conveyor belt, screw type conveying system and its auxiliary equipment to unload materials</p> <ul style="list-style-type: none"> ◆ Follow guidelines and procedures to monitor and control the conveyor belt, screw type conveying system and its auxiliary equipment to unload materials ◆ Control the conveyor belt, screw type conveying system and its auxiliary equipment to unload materials in compliance with the code of safety and codes of practice
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to implement the decision for the shutdown of conveyor belt, screw type conveying system and its auxiliary equipment; (ii) Capable to handle the failures of the conveyor belt, screw type conveying system and its auxiliary equipment; (iii) Capable to compile reports on the operation and shutdown of conveyor belt, screw type conveying system and its auxiliary equipment; and (iv) Capable to clearly report the operational status of the conveyor belt, screw type conveying system and its auxiliary equipment.
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of operating conveyor belt and its auxiliary equipment.</p>