

1. Title	Pre-startup inspection and general operation of bucket-wheel bulk material handling machine and its auxiliary equipment		
2. Code	EMPEOM306A		
3. Range	Perform pre-startup inspection and general operation of bucket-wheel bulk material handling machine and its auxiliary equipment 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 Operating principle of bucket-wheel bulk material handling machine and its auxiliary equipment</p> <ul style="list-style-type: none"> ◆ Understand the operating principle of bucket-wheel bulk material handling machine and its auxiliary equipment ◆ Know the purpose of pre-startup inspection of bucket-wheel bulk material handling machine and its auxiliary equipment ◆ Understand the composition and workflow of bucket-wheel bulk material handling machine 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 bucket-wheel bulk material handling machine and its auxiliary equipment at suitable times according to instructions, such as <ul style="list-style-type: none"> • Performance of the ups and downs of the bucket-wheel bulk material handling machine in all directions • Performance of the driving of the control compartment and alarm notification device • Performance of communication equipment • Safety and reliability and the quantity of safety belt, safety life line and reflective vest • Performance of its auxiliary equipment ◆ Call the repair department for emergency repair if a problem is found ◆ Monitor the operation of bucket-wheel bulk material handling machine and its auxiliary equipment according to instructions, such as <ul style="list-style-type: none"> • Selection buttons and indicating lights in the control compartment are in proper positions • Confirming that there is no obstacle in the moving track of the machine • Confirming that all signals and alarms function properly • Use common hand signals for ground command 		

	<ul style="list-style-type: none"> • Confirming that all control buttons in the control compartment are in normal position and the alarm notification device is adjusted to appropriate volume • If an abnormal operation is found, implement the shutdown operation and explain the abnormal situation clearly • Follow the action guide for operation to handle alarm malfunctions • Complete the failure shutdown operation report form • Complete the report on pre-startup inspection and general operation of the bucket-wheel bulk material handling machine <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 bucket-wheel bulk material handling machine ◆ Perform pre-startup inspection and general operation for bucket-wheel bulk material handling machine 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 perform independently pre-startup inspection for bucket-wheel bulk material handling machine and its auxiliary equipment; (ii) Capable to implement independently general operation of bucket-wheel bulk material handling machine and its auxiliary equipment; (iii) Capable to complete simple reports on the inspection and operation of bucket-wheel bulk material handling machine and its auxiliary equipment; and (iv) Capable to clearly report the status of operation of bucket-wheel bulk material handling machine.
8. Remarks	<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>