

1. Title	Troubleshoot and restore mechanical transmission failures of unloading and storage equipment									
2. Code	EMPEOM334A									
3. Range	Troubleshoot and restore mechanical transmission failures of unloading and storage equipment in general industrial plants, power plants or other places.									
4. Level	3									
5. Credits	3									
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Causes and restoration of common failures of specialized mechanical equipment of the trade</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Know about the causes and handling of common failures of specialized mechanical equipment of the trade: <ul style="list-style-type: none"> • Common failures of turning parts, fastener, transmission devices, brakes, gear, coupler and bearings • General operation of mechanical equipment and characteristics of failures • Ways of restoration </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Troubleshoot and restore common failures of mechanical transmission</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Judge the causes of common failures and restore them effectively <ul style="list-style-type: none"> • Analyze the condition of mechanical equipment and find out the causes of common failures • Select suitable ways of restoration </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in troubleshooting and restoring mechanical transmission failures</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow the repairing standards for mechanical transmission devices, ensuring that the repair work complies with specific operational requirements </td> </tr> </table>	6.1	Causes and restoration of common failures of specialized mechanical equipment of the trade	<ul style="list-style-type: none"> ◆ Know about the causes and handling of common failures of specialized mechanical equipment of the trade: <ul style="list-style-type: none"> • Common failures of turning parts, fastener, transmission devices, brakes, gear, coupler and bearings • General operation of mechanical equipment and characteristics of failures • Ways of restoration 	6.2	Troubleshoot and restore common failures of mechanical transmission	<ul style="list-style-type: none"> ◆ Judge the causes of common failures and restore them effectively <ul style="list-style-type: none"> • Analyze the condition of mechanical equipment and find out the causes of common failures • Select suitable ways of restoration 	6.3	Professionalism in troubleshooting and restoring mechanical transmission failures	<ul style="list-style-type: none"> ◆ Follow the repairing standards for mechanical transmission devices, ensuring that the repair work complies with specific operational requirements
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7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to correctly judge the causes of common failures of mechanical transmission equipment of unloading and storage equipment, and select suitable ways to restore them.</p>									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of troubleshooting mechanical failures.									