

1. Title	Use, refill and change lubrication oil and grease									
2. Code	EMPERM102A									
3. Range	Use lubrication oil and grease such as adding lubrication oil and grease to instruments or tools in general industrial plants, power plants or other places. This unit of competency is applicable to general installation or maintenance work.									
4. Level	1									
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;">Properties and applications of lubrication oil and grease</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Know about the properties and applications of different types of lubrication oil and grease</li> <li>◆ Know about various types of methods of adding lubrication oil and grease</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Techniques and procedures of adding lubrication oil and grease</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Know about how to change lubrication oil</li> <li>◆ Add the lubrication oil and grease specified to equipment or tools, including: <ul style="list-style-type: none"> <li>• Adding method</li> <li>• Adding quantity</li> </ul> </li> <li>◆ Recover or dispose old lubrication oil and grease properly</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in adding lubrication oil and grease</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Follow equipment manufacturers' and practical guidelines to perform the tasks for adding lubrication oil and grease</li> <li>◆ Adjust the frequency of adding lubrication oil and grease according to real working environment <ul style="list-style-type: none"> <li>• More frequent addition of lubrication oil and grease (including parts frequently or not frequently used)</li> </ul> </li> </ul> </td> </tr> </table>	6.1	Properties and applications of lubrication oil and grease	<ul style="list-style-type: none"> <li>◆ Know about the properties and applications of different types of lubrication oil and grease</li> <li>◆ Know about various types of methods of adding lubrication oil and grease</li> </ul>	6.2	Techniques and procedures of adding lubrication oil and grease	<ul style="list-style-type: none"> <li>◆ Know about how to change lubrication oil</li> <li>◆ Add the lubrication oil and grease specified to equipment or tools, including: <ul style="list-style-type: none"> <li>• Adding method</li> <li>• Adding quantity</li> </ul> </li> <li>◆ Recover or dispose old lubrication oil and grease properly</li> </ul>	6.3	Professionalism in adding lubrication oil and grease	<ul style="list-style-type: none"> <li>◆ Follow equipment manufacturers' and practical guidelines to perform the tasks for adding lubrication oil and grease</li> <li>◆ Adjust the frequency of adding lubrication oil and grease according to real working environment <ul style="list-style-type: none"> <li>• More frequent addition of lubrication oil and grease (including parts frequently or not frequently used)</li> </ul> </li> </ul>
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7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to add appropriate lubrication oil and grease correctly under clear instruction for parts that need lubrication.</p>									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses elementary mechanical knowledge.									