

1. Title	Assess the performance of three-phase transformers
2. Code	EMELDE411A
3. Range	Applicable to tasks related to electrical and mechanical work. Assess the performance of three-phase transformers to provide the power system design with the optimum operating condition.
4. Level	4
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <div> <div> 6.1 Understand the meanings of various types of basic data for three-phase transformers </div> <div> <ul style="list-style-type: none"> ◆ Understand the meanings of various types of basic data for three-phase transformers such as winding vector group, load current, voltage regulation control, cooling performance data, etc. </div> </div> <div> <div> 6.2 Assess the performance of three-phase transformers to provide the power system design with optimum operating condition </div> <div> <ul style="list-style-type: none"> ◆ Assess the performance of three-phase transformers including: various kinds of loss, power, efficiency, voltage regulation data, load current, etc. ◆ Provide optimum operating data for the transformers </div> </div>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to assess the performance of three-phase transformers to provide the power system design with the optimum operating condition.</p>
8. Remarks	