

**Field      Engineering and Technology****Development of *Engineering Core Skills* unit standards**

Competenz has completed the development of three new unit standards.

**Date new versions published**

**July 2016**

**Planned review date**

**December 2021**

**Summary**

As a result of the Targeted Review of Qualifications process, Competenz has developed unit standards to reflect new conditions listed in the graduate profile outcomes in qualifications that require knowledge and application of efficient and effective processes in a mechanical engineering or fabrication environment. Meetings with subject matter experts were conducted, identifying the required content and comparing this content against existing unit standards.

It was identified that there were no suitable unit standards that met the graduate profile outcomes and three new unit standards were developed. The content is based on extensive feedback with industry experts and is endorsed by industry and providers. While these unit standards can be used individually, it is the intention to use them to assess learners in a graduated fashion, with each unit standard building on the recommended pre-requisite unit standard or standards

**Main changes**

- Three new unit standards have been developed to assess knowledge and application of efficient and effective processes within mechanical engineering or fabrication workplaces.

**Detailed list of unit standards – classification, title, level, and credits**

<b>Key to review category</b>	
<b>A</b>	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
<b>B</b>	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
<b>C</b>	Major changes that necessitate the registration of a replacement standard with a new ID
<b>D</b>	Standard will expire and not be replaced

## Engineering and Technology&gt; Mechanical Engineering&gt; Engineering Core Skills

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
<b>29560</b>	<b>Demonstrate knowledge of efficient and effective workplace procedures in mechanical engineering or fabrication</b>	<b>2</b>	<b>3</b>	<b>New</b>
<b>29561</b>	<b>Demonstrate knowledge of efficient and effective processes in mechanical engineering or fabrication</b>	<b>3</b>	<b>3</b>	<b>New</b>

ID	Title	Level	Credit	Review Category
29562	Demonstrate and apply knowledge of process or task improvements in mechanical engineering or fabrication	4	3	New