



Technical Bulletin

TB 0226 - SAD0002 GISCAD Design

Purpose

To provide information about the updates for SAD0002 GISCAD Design. These updates are part of the latest GISCAD Tools release (Version 4.0) which will be implemented on Friday 24 June 2016.

Background

To keep up with technical currency, Endeavour Energy has upgraded their GISCAD tools to Version 4.0 for use with AutoCAD 2016.

The SAD0002 GISCAD Design Standard currently states that the only accepted AutoCAD format is 2010 (which can be achieved by using AutoCAD 2010, 2012 and 2014). The Version 4.0 upgrade will make this redundant.

Actions

Mandatory Use of GISCAD Version 4.0

Endeavour Energy is releasing Version 4.0 of the GISCAD tools and from Friday 24 June 2016, it will be mandatory to use the new version when designing the Endeavour Energy network.

The 64Bit GISCAD tools can be downloaded from

<https://www.dropbox.com/s/eebfdkip0dg3yn2/GISCAD%202016%2064-BIT%20V4.0.zip?dl=0>

Implementation

Standard AutoCAD File Format

As part of this upgrade the new SAD0002 GISCAD Design Standard will be modified to read:

Section 5.3.2 File Format

*All reticulation designs must be provided to Endeavour Energy in **AutoCAD DWG 2013** format.*

If an application other than AutoCAD 2016 is used to produce the design then it is the responsibility of the ASP to convert the design into the DWG 2013 format.

Validations

- Validations have been added as previously discussed as the ASP seminars and these enforce the standard to ensure accuracy in delivery.
- A validation included with this release will enforce MGA94 Zone 56 projection standard.
- Multiple Coordinate Systems, especially for Developer Plans will fail validation. Designers will need to engage with their surveyors to ensure that they are using data coordinated compliant to the MGA94 Zone 56 projection standard.

Certification

The rule of 'No P1 or P2 Errors at the time of Certification' is still mandated.

Impacted Standards

The contents of this technical bulletin will be included in the next update of the following standard(s):

- SAD 0002 – GISCAD Design