

# TG20:13 eGuide 1.2

The NASC is pleased to announce the availability of version 1.2 of the TG20:13 eGuide, released in July 2017. This update is supplied as a free upgrade to all registered users of the TG20:13 eGuide on Windows, Mac and Android computers and devices.

The upgrade is available as a download from the NASC website or, for the Windows and Mac versions, as a CD available on request from the NASC.

This upgrade has been developed by the NASC, in association with software developers CADS, in response to feedback received from a consultation held with the NASC membership and purchasers of TG20:13 in 2016.

This new update demonstrates the commitment of the NASC to the continual improvement of TG20:13 to meet the demands of the UK scaffolding industry.

This document describes:

1. The new features of the software;
2. How to download and install the software upgrade;
3. Troubleshooting tips and how to get help.

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# TG20 eGuide 1.2

The new features and enhancements provided by version 1.2 of the TG20 eGuide are as follows.

Please see the numbered references on the sample compliance sheet on page 3 for examples.

## Automatic site reference

1

The Site Reference displayed on the TG20 compliance sheet now automatically defaults to the address for the location selected on the wind map screen, provided that an internet connection is available.

This allows each compliance sheet to be easily and accurately related to the specific site location.

The automatic address may be modified as required.

## Checking a compliance sheet

2

A new option has been provided to indicate that the TG20 compliance sheet has been checked by a suitable person, for integration with Temporary Works management processes.

If so, a name and signature can be provided for the checker, for display in the *Sign Off* section of the compliance sheet.

Note that the checker is signing to verify that the input options selected in the TG20 eGuide are appropriate for the scaffold to which the compliance sheet applies, but they are not expected to verify the structural calculations behind them.

## Reporting the permitted seasons

3

The TG20 compliance sheets now specify the season during which the scaffold will be standing, either 'during any season' or 'during the spring and summer', depending on the option selected for the compliance sheet.

This allows the person checking a compliance sheet to ensure that the scaffold will only be standing for the permitted seasons.

TG20 compliance sheets produced with the original version of the eGuide, or from the Operational Guide, are still valid.

## Company logo

4

A company logo may now be added to personalise the TG20 compliance sheet header, including any accreditation logos relevant to your company.

## Compliance sheet illustrations

5

The illustration in the top-left corner of the TG20 compliance sheets has been obscured with the 'TG20 compliant stamp' to clarify that the illustration is not intended to be a construction drawing.

The illustration is intended to show the principal design criteria of the scaffold, for example the maximum lift height, the presence of cladding or brick guards, whether the facade may have significant openings and so on.

## Build UK support

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The NASC is pleased to announce the continued support of TG20:13 from

Build UK, whose logo is now included in the header of every TG20 compliance sheet.

Please see <https://builduk.org> for more information about Build UK.



## Compatibility

The NASC recommends that the latest TG20 compliance sheets from the new eGuide are always used. However, this update to TG20 has been designed such that compliance sheets from the original eGuide (and from the TG20:13 Operational Guide) are still valid and there is no need to differentiate between new and original compliance sheets on site.

## Identifying the TG20 eGuide version

i

It is possible to identify which of your computers or mobile devices have been updated to the latest version of the TG20 eGuide by pressing the 'i' icon in the top-right corner of the Welcome screen. This displays the About screen, which includes the version number and other information.



4

With support from:



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## Independent scaffolding

A tied independent scaffold with 2.0 m maximum lift heights, unclad, assembled from tubes and fittings.



5

### Design height

- ✓ Maximum height: 16.0 m to the top lift.

### Maximum loading

- ✓ One lift loaded, plus one lift 50% loaded, per façade to a maximum of: 2.0 kN/m<sup>2</sup>;
- ✓ Inside boards loaded to a maximum of 0.75 kN/m<sup>2</sup> at the working lift;
- ✓ Foundation design leg load (for the client): 15.4 kN.

### Ties

- ✓ 1 x 1.39 kN (very light duty) tie per 16.0 m<sup>2</sup>;
- ✓ Max. 4.0 m between tie lines (tied at alternate lifts);
- ✓ Max. 4.0 m horizontal distance between vertical tie lines.

### Location

Suitable for sites with a wind factor of 20.0 (low wind exposure), during any season.

3

### Add-on features

- ✓ A gin wheel may be used to lift a maximum of 50 kg.
- Design advice may be required if any add-on features not stated on this compliance sheet are attached to the scaffold.

### Criteria

To be erected as a TG20 compliant tied independent scaffold as described in TG20:13 chapter 06:

- ✓ 3 – 5 main boards and up to 2 inside boards wide;
- ✓ Maximum lift height: 2.0 m;
- ✓ Maximum bay length: 2.0 m;
- ✓ Maximum transom spacing: 1.2 m;
- ✓ The scaffold will not be clad with debris-netting or sheeting;
- ✓ Boarded at any number of lifts;
- ✓ Tied to an impermeable façade (no significant openings);
- ✓ Façade braced in every elevation, one set per six bays;
- ✓ Ledger braced at alternate standards and at end frames;
- ✓ Double guard rails and toe boards at boarded lifts (triple permitted at top);
- ✓ Single guard rails at unboarded lifts;
- ✓ Internal edge protection provided where required;
- ✓ Tied in accordance with TG20:13 chapter 07. Tie tubes may be connected only to the inner face of the scaffold.

### Sign-off

Contract no:	CONTRACT-0001	Client:	ABC Construction Ltd.
Company:	CADS	Scaffold reference:	SCAF-0001
NASC membership no (1):	0011223344	Site reference:	Bridewell Place, London EC4V 6AP
Name:	John Smith	Signature:	
Position:	Contracts Manager	Date:	25/05/2017
Checker name (2):	Andrew Jones	Checker signature:	
Notes:	The scaffold is located at the west elevation of the building.		

(1) Use of this NASC document does not infer NASC membership. Go to [www.nasc.org.uk](http://www.nasc.org.uk) to confirm membership. Illustrations are indicative.

(2) The checker is responsible for reviewing the input information.

Figure 1.1: A sample compliance sheet from version 1.2 of the TG20 eGuide.

# Installation

This section describes how to download and install the new TG20 eGuide software, whether upgrading from a previous version of the software or installing it onto a new computer or device.

## Downloading the software

The software is available as a free download for all existing TG20:13 eGuide users from the NASC website:

<http://www.nasc.org.uk/tg2013-eguide-update>

Alternatively a CD copy is available from the NASC on request.

## Upgrading from TG 20 eGuide version 1.0

It is unfortunately not possible to directly upgrade from version 1.0 of the TG20:13 eGuide, so it is necessary to first install version 1.1 if you have not done so already.

Alternatively, the original version of the eGuide can be uninstalled as described in the *Troubleshooting* section and then the new version can be installed.

Version 1.1 is available to download from:

<http://www.nasc.org.uk/tg2013-eguide-update>

## Upgrading from TG 20 eGuide version 1.1

The software update will install directly over an existing installation of version 1.1 of the TG20 eGuide on Windows or Mac computers. The existing software serial number and licence activation are kept, so there is no need to relicence the software.

Version 1.1 of the eGuide has been supplied by the NASC since September 2014 and is available as a free download from the NASC website for all registered eGuide users.

## Installing onto a new computer

The software update can be installed onto a computer without a previous TG20 eGuide installation. If so, it is necessary to enter and activate a serial number, which is provided when TG20:13 is purchased.

When installing onto a new computer, Adobe Air should be installed first before downloading the eGuide from:

<http://get.adobe.com/air>

Alternatively, the TG20 eGuide can be installed from a CD, in which case Adobe Air is installed automatically.

## Installing onto an Android device

To install the TG20 eGuide on an Android device, first download Adobe Air from the Google Play store.

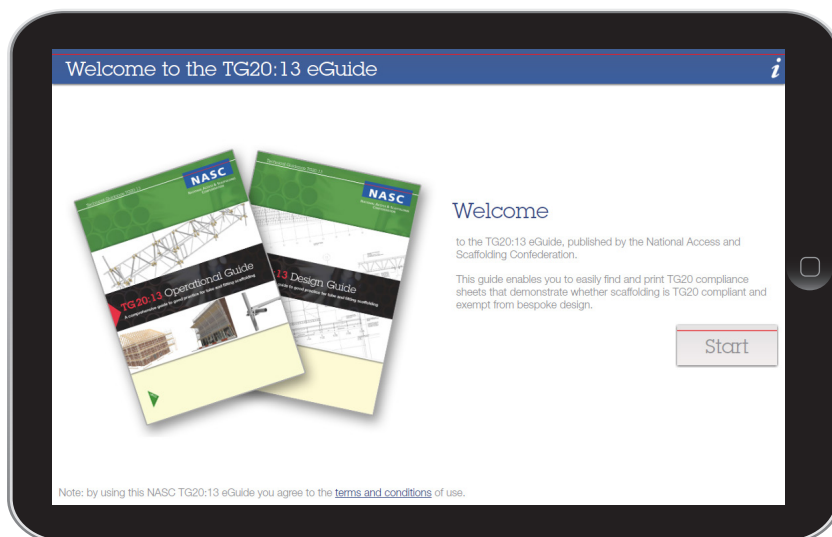
The simplest way is to search for *Adobe Air* in the Google Play store, or you can use this link:

[https://play.google.com/store/apps/details?id=com.adobe.air&hl=en\\_GB](https://play.google.com/store/apps/details?id=com.adobe.air&hl=en_GB)

Then, download the Android version of the TG20 eGuide onto your device and double-tap to install it.

Once it has installed, it can be run from the icon on your home screen.

If you have a previous version of the eGuide on your Android device it must be *deactivated* and uninstalled before installing the new version.



# Troubleshooting

This section describes how to get help for any problems installing or activating the TG20 eGuide.

## Frequently-asked questions

Answers to some frequently-asked questions about the installation and use of the TG20 eGuide are available from:

<http://www.nasc.org.uk/tg2013-faqs>

This help page is regularly updated and explains how to solve most reported problems.

## Installation problems



If you receive an error message during installation that says the TG20 eGuide file is damaged, it may be that the anti-virus software on your computer (such as Norton or McAfee) has blocked part of the installation.

To resolve this problem, try temporarily disabling your anti-virus software and re-installing the eGuide.

Alternatively, you will receive this error message if you try to upgrade from the original version of the eGuide (version 1.0) instead of upgrading from version 1.1.

If so, cancel the installation, download version 1.1 of the TG20 eGuide from the NASC website (as described on page 4) and reinstall version 1.2.

Alternatively, version 1.0 of the TG20 eGuide can be uninstalled before installing version 1.2.

The eGuide can be uninstalled from a Windows computer by opening the Windows *Start Menu* (the  icon), choosing *Settings* (the  icon), then *Apps & Features*. You can then select NASC TG20:13 eGuide and press *Uninstall*.

## Compatible devices

The TG20 eGuide can be used on:

- PC desktop computers, laptops and tablets running Microsoft Windows 10, 8 or 7;
- Apple iMac desktop and laptop computers running MacOS X version 10.9 and above;
- Android devices running Android 4.0 and above.




## Help and support

If you have any problems downloading, installing or activating the TG20 eGuide, technical support is available from CADS, the authors of the TG20 eGuide software.

Telephone support is available from 09:30 - 17:00, Monday to Friday.

 [support@cadscs.co.uk](mailto:support@cadscs.co.uk)

 +44 (0)1202 603733

 <http://www.cadscs.co.uk>

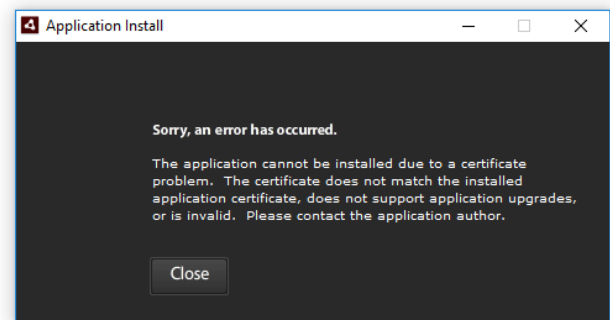


Figure 1.2: Installation error message.

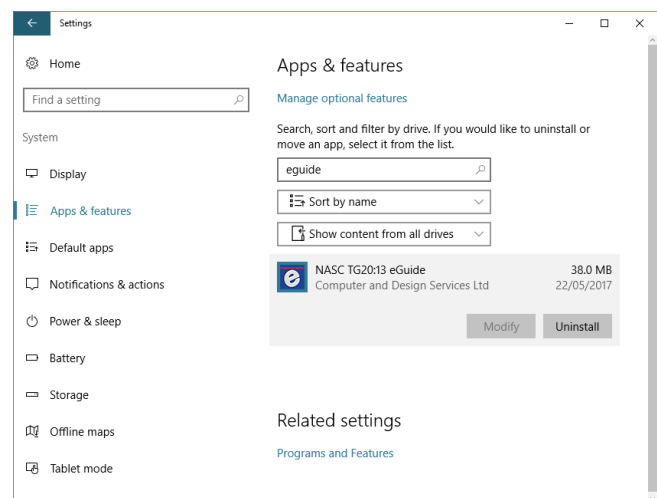


Figure 1.3: Uninstalling the TG20 eGuide.

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