

Competence Required to Produce TG20 and TG30 Compliance Sheets

Introduction

TG20 (tube and fitting) and TG30 (system scaffolding) compliance sheets specify the essential details required for the construction of the most common types of scaffolds used throughout the industry. Information contained on each compliance sheet includes maximum height, dimensions, allowable imposed loading and tying requirements to ensure that scaffolds are suitably constructed and safely used.

In addition to construction, compliance sheets may be utilised during the planning and execution stages of a project to demonstrate which scaffolding is 'TG20/TG30 compliant' and which requires additional guidance to be supplied by a competent scaffolding designer.

Compliance sheets are created by using software within the TG20 and TG30 eGuides. This is achieved by selecting relevant data from a series of options provided to define the site location, the dimensions of the scaffold, maximum loading requirements and any additional features, such as cladding, bridging, loading bays, protection of the public etc.

The eGuide performs an accurate assessment of the site wind exposure and selects a TG20 or TG30 compliance sheet that is appropriate to individual site and scaffold, along with additional compliance sheets for any 'add-on features', where required.

The NASC is often asked the minimum level of competence required for a person to produce compliance sheets for TG20 and TG30 scaffolds.

Of course, the legal definition would be something like 'someone with the necessary skills, knowledge and experience', but what does this actually mean when it comes to TG20 and TG30 Compliance sheets?

Competence of persons who prepare compliance sheets

The person should have suitable and sufficient experience of the type of scaffolding being used and configuration of structure required.

An experienced contracts manager, site manager, supervisor or scaffold foreman should have suitable competence to perform this task.

Persons producing compliance sheets should be capable of interpreting the client's brief and ensuring that all applicable information is accurately input within the software. He/she should also have sufficient knowledge of the worksite and the project etc. to enable appropriate information, such as location, scaffold dimensions, materials and tie patterns etc. to be selected.

A knowledge of the TG20/TG30 eGuide functions and how to use it, as described in Sections 2 and 3 of the TG20 and TG30 Operational Guides, is also required.

Competence of persons who check compliance sheets

As required by BS 5975 any 'temporary works design' (which includes compliance sheets) should be subject to a check carried out by a competent person, independent from the person responsible for producing the proposed compliance sheet.

As the actual design element of the process is dealt with by the TG20 and TG30 software the checking process is required simply to confirm that the correct information has been input.

Ideally this should be someone with similar knowledge and experience, although this does not exclude other members of staff, if they have been formally trained and assessed as capable to perform this task.