



**APPLICATION FOR THE REGISTRATION OF ADDITIONAL PROFESSIONAL DESIGNATION(S) FOR PROFESSIONAL BODIES ALREADY RECOGNISED BY SAQA**

**INSTITUTE FOR TIMBER CONSTRUCTION SOUTHERN AFRICA (ITC-SA)**

**BACKGROUND**

The SAQA Board recognised the Institute for Timber Construction Southern Africa (ITC-SA) as a Professional Body at its meeting on 17 July 2013.

The ITC-SA has registered the following designations:

- Accredited Timber Engineer
- Certified Roof Erector
- Certified Roof Fabricator
- Certified Roof Inspector
- Certified Roof Structure System Software Developer
- Certified Timber Frame Builder

**ADDITIONAL DESIGNATION TO BE REGISTERED**

The criteria for the awarding of the additional Professional Designations below comply with the SAQA *Policy & Criteria for Recognising a Professional Body and Registering a Professional Designation for the Purposes of the National Qualifications Framework Act, Act 67 of 2008* and the designations complement those already registered, creating a designation pathway.

**Designation Title:** Certified Timber Roof Truss Designer

<b>Underlying Qualification(s)</b>	National Certificate: Wood Products Processing at NQF Level 3 (ID no. 49083)
<b>Experiential Learning and Practical Experience</b>	Candidates must have a minimum of 1 year proven experience in timber roof structure design.
<b>Board/ Admission Examination/Assessment</b>	Persons applying may go through a peer review that is done by ITC-SA Timber Engineering Advisory Committee to demonstrate competence in timber design.
<b>Continuing Professional Development (CPD) Requirements</b>	Members are required to accumulate 4 CPD points annually by completing a range of activities.
<b>Application of Recognition of Prior Learning (RPL)</b>	The RPL process entails providing support to a candidate to ensure that knowledge is displayed in terms of the relevant qualification. A rigorous process where candidates must be found competent against the outcomes and competencies of the registered qualification and designation is followed.

## **Designation Competences**

A Certified Timber Roof Truss Designer must be able to do but not limited to the following:

- Understand the various interacting factors in roof design in order to deliver estimates that do not compromise quality output
- Understand that a functional roof structure is based on the key considerations of the impact of forces and weight distribution that can be handled by the supporting structure.
- Understand the theory of structures, to which roofs are designed and arranged.
- Be able to carry all the applied loads.
- Be able to do accurate estimations to customers, roof designers and manufacturers of roof material.
- Translate a roof and truss design into an actual roofing solution that is safe for the client and manufactured in a cost effective manner for the fabricator.
- Recommend material options for roof design.
- Construct or manufacture specialist timber formwork and trusses for roofing, in line with safety legislation, and National Building Regulations and requirements, and based on specification drawings.
- Conduct on-site inspections.
- Understand the implications of design modifications and industry convention to deal with practical challenges are important factors.