

**PROFESSIONAL DESIGNATIONS AWARDED BY SAQA RECOGNISED
PROFESSIONAL BODIES**

Name of Professional Body	The Institute for Timber Construction Southern Africa (ITC-SA)
Designation Title	Certified Roof Fabricator (Cert. RF)

Short Description:

The designation of Certified Roof Fabricator (Cert. RF) will be awarded to entities that have been audited and tested for compliance with all industry and ITC-SA requirements for the award of this designation.

The Certified Roof Fabricator will be a licensee of the Certified System Software Developer, and will be using this software for the design and manufacture of timber structures. The Certified Roof Fabricator shall need to prove the required competence right through the value chain and in the manufacturing process.

Before receiving certification, the Roof Fabricator will be using the designation of Probationary Roof Fabricator.

CRITERIA FOR OBTAINING THE PROFESSIONAL DESIGNATION

For the Professional Designation to be awarded, an independent assessment must be passed, based on criteria prescribed by the ITC-SA Technical and Advisory Committee, and must allow for a quality control system to manage the application of the mentioned software and the manufacturing of timber structures in alignment with all industry prescribed codes of practice and material specifications.

- **Board Examination/Competency Assessment**

To qualify for the designation of Certified Roof Fabricator, applicant is required to have passed all the requirements as set out below:

- The Fabricator applying for this ITC-SA designation shall request, in writing, an "**audit inspection**" from the ITC-SA. The audit inspection will be conducted by the ITC-SA registered Accredited System Software Developer and an ITC-SA Approved Independent Audit Inspector.
- The Fabricator shall, on applying for this Certificate of Competence, nominate his key personnel and their job descriptions. He must ensure that these personnel are available to be interviewed on the date agreed for the audit and that there is sufficient manufacturing work being performed for the Audit Inspector to make a fair appraisal of all aspects of the Truss Plant. Any additional expenses incurred due to the absence of key personnel shall be borne by the applicant.
- The "**Audit Inspector**" must inter-alia check whether all requirements prescribed by the ITC-SA (below) are complied with in the operation of the Fabricator's plant. If satisfied, the Audit Inspector will recommend the Applicant to the Institute for the awarding of the designation; Certified Roof Fabricator.

- ✓ The design procedures employed;

- ✓ The presentation of quotations;
- ✓ The competence of key personnel;
- ✓ The quality of manufacture;
- ✓ The erection instructions provided to the site

Registered Roof Fabricators will need further education and training to move from a **Category C/D** (non-complex roof structures) Roof Fabricator to a **Category A** (complex roof structures) Roof Fabricator. Certified Roof Fabricators will not be allowed to manufacture roofs outside the category for which they have been registered.

Certified Fabricator Classification	
Categorization in terms of Design Capabilities	
High Risk- Category A	Design Capabilities:
	Designers/ Estimators have successfully completed ITC-SA Intermediate Designer/ Estimator Course
	Has all Reference Design Codes and ITC-SA/ System Manuals
	Designers/ Estimators have successfully completed System Advance Course
	Designer/ Estimator has minimum 5 years design/ estimating experience
	Site Documentation complies 100% with ITC-SA minimum standards
	Able to Design Category A Roof Structures as per ITC-SA Roof Classifications
	Manufacturing Capabilities:
	Fabricator has "Jig Tables" to manufacture trusses between 10 and 18 m's
	Trusses move of "Jig Tables" straight through Roller press
	Trusses stacked ready for dispatch on level concrete slab
	Trusses strictly complies with SANS 10243, SANS 1900 in conjunction with SANS 1783 1&2
	Is Certificated with either SABS/SATAS under SANS 1900 Mark Scheme (advantages but not mandatory)
	Able to Manufacture Category A Roof Structures as per ITC-SA Roof Classifications
	Audit Results
	Fabricator must achieve at least 95% pass rate

Med. Risk- Category B	Design Capabilities:
	50% of Designers/ Estimators have successfully completed ITC-SA Intermediate Designer/ Estimator Course
	Has all Reference Design Codes and ITC-SA/ System Manuals
	Designers/ Estimators have successfully completed System Intermediate Course
	Designer/ Estimator has minimum 5 years design/ estimating experience
	Site Documentation complies 100% with ITC-SA minimum standards
	Able to Design Category A Roof Structures as per ITC-SA Roof Classifications
	Manufacturing Capabilities:
	Fabricator has “Jig Tables” to manufacture trusses between 9 and 12 m’s
	Trusses move of “Jig Tables” straight through Roller press
	Trusses stacked ready for dispatch on level concrete slab
	Trusses strictly complies with SANS 10243, SANS 1900 in conjunction with SANS 1783 1&2
	Able to Manufacture Category A Roof Structures as per ITC-SA Roof Classifications
	Audit Inspection Results
	Fabricator must achieve at least 85% pass rate
Low Risk Category C&D	Design Capabilities:
	Designers/ Estimators have successfully completed ITC-SA Basic Designer/ Estimator Course
	Has all Reference Design Codes and ITC-SA/ System Manuals
	Designers/ Estimators have successfully completed System Basic Course
	Designer/ Estimator has minimum 3-5 years design/ estimating experience
	Site Documentation complies 100% with ITC-SA minimum standards
	Able to Design Category C & D Roof Structures as per ITC-SA Roof Classifications

	Manufacturing Capabilities:
	Fabricator has “Jig Tables” to manufacture trusses up to 9 m’s
	Trusses move of “Jig Tables” straight through Roller press
	Trusses stacked ready for dispatch on level concrete slab
	Trusses strictly complies with SANS 10243, SANS 1900 in conjunction with SANS 1783 1&2
	Able to Manufacture Category C & D Roof Structures as per ITC-SA Roof Classifications
	Audit Results
	Fabricator must achieve at least 75% pass rate

The application for the awarding of this designation will be approved and the Roof Fabricator will receive his/her Registration Certificate after meeting all the requirements. Before confirmation of meeting the requirements, the applicant Roof Fabricator will be referred to as a Probationary Roof Fabricator.

CRITERIA FOR RETAINING THE PROFESSIONAL DESIGNATION

In order to ensure the currency of professional knowledge and to retain the Professional Designation, the professional entity must be able to provide evidence of constant upgrading and revision of the fabrication environment in strict compliance with industry requirements and specifically in regards to health and safety legislation.

- **Continuing Professional Development (CPD)**

- Members are required to provide proof to ITC-SA of their CPD activities.
- Members are required to accumulate 4 CPD points annually by completing a range of accredited activities such as:
 - Attendance at workshops, seminars and information sessions,
 - Giving presentations to inside and outside groups,
 - Running workshops,
 - Writing articles for in-house and general publications.
- The ITC-SA decides on the points each activity is worth.
- The ITC-SA Technical Engineering Advisory Committee ensures that CPD activities and certification requirements are co-ordinated.

- **Code of Conduct**

Designees must abide by the ITC-SA Code of Conduct.

- **Membership Fees**

Ensure that membership fees are duly paid, as per the ITC-SA/System Agreement.

PROFESSIONAL DESIGNATION PROGRESSION PATHWAY

The Professional Designation progression pathway is:

- Probationary System Software Developer
- Certified System Software Developer

For more information on this Professional Designation, please visit www.itc-sa.org