



2022 SCNZ Awards for Excellence in Steel Construction

Steel Construction New Zealand Inc. is pleased to announce its *Excellence in Steel Awards 2022*. The objective is to celebrate New Zealand's excellence in the field of steel construction by identifying projects that demonstrate efficiency, cost effectiveness, application of sustainability principles, aesthetics, best practice, outstanding teamwork, great safety management and innovation.

Focus

This is restricted to steel structures built by SCNZ Steel Constructors using New Zealand-fabricated steelwork. The structural steelwork contract must have been completed during the period January 2020 to May 2022.

There are five categories #:

- **Stand-alone residential home**
- **Earthquake Strengthening**
- **Under \$500K***
- **Over \$500K to \$1.5m***
- **Over \$1.5m to \$3m***
- **Over \$3m***

*Based on total value of structural steelwork.

SCNZ reserves the right to alter the award categories based on entries received.

The Panel of Judges

These will be a panel of independent judges representing steel construction, building, structural engineering and architectural interests and appointed by the SCNZ Council.

Assessment Criteria

Each entry will be assessed against the following criteria:

- **Overall Design Merit** (20 points) - The application should address innovation in design using steel, efficient use of materials and integration of services, and have substantial structural and fire engineering, architectural or other design merit.
- **Construction Efficiency and Quality** (10 points) - This covers demonstration of the advantages of steel, speed of construction, commitment to best practice and quality, safety in the process and containment of overall project costs. The application needs to demonstrate that the project was examined for the long term corrosion environment and a fit-for-purpose corrosion and maintenance system chosen.
- **Environmental Sustainability** (5 Points) - The award should address the use of steel to enhance a sustainable environment. This can be for example, obtaining a longer life out of the construction by future proofing, use of reuse material, dematerialisation by use of high strength steels, or use of sustainable practices in steel making, fabrication and construction.
- **Buildability** (10 points) - Practicality for fabrication and erection, effective documentation for tendering and throughout the building process. Effective use of data transfer technology such as construction BIM. Effective engagement of design teams with construction teams. Working with the fabricator/erector to ensure selection of standard members, penetrations, optimisation of costs by the use of standardised connections, bolted connections and provision for shop welding rather than site and practicality and safety of erection.
- **Innovation in Fabrication and Construction** (5 points)



Method

- a) Any company of the project team (architect, engineer, builder or steel constructor) may submit an entry, on the appropriate form to the SCNZ General Manager. The steel fabricator in the project team must be an SCNZ Steel Constructor.
- b) Initial entries will be judged to determine finalists in each category.
- c) Each finalist will be asked to submit further information for the next round of judging.
- d) Each finalist will get recognised at the SCNZ Annual Gala Dinner at the Steel Agenda.
- e) The judging Panel will determine Category Winners for each Category, and if appropriate a Supreme winner.
- f) Entries will be assessed by the judging panel whose decision is final.
- g) No discussion or correspondence regarding their decision will be entered into.
- h) The structures entered must be made available for inspection by the judges if so requested.

Award

- a) An engraved trophy will be awarded to the steel constructor winning the premier prize, and the finalists.
- b) At the discretion of the judging panel Merit commendations may also be made to other entries.
- c) Certificates will be awarded to representatives of the winning project teams including the steel constructor, the steel modeller, the builder, the structural engineer, the architect, and the project developer/owner.

Please use the 2022 SCNZ Award entry form when submitting your entry.