



Upcoming Events

ISCG Meeting

Canberra 25-27 Oct 07

Australian Steel Convention

Sydney 28-30 October

Steel Supervisor Qual Consultations

- Taupo 7th November
- Auckland 9th November
- Christchurch 15th November
- Wellington 16th November

Careers in Steel Days

- Christchurch 28th November
- Wellington 29th November
- Auckland 4th December

Features

SCNZ AGM A review of the day's events

ASI Convention Sustainable Future Theme

ACENZ Conference Sustainable Steel display

Steelwork Supervisor Qual Consultations One day consultation workshops in November, nationwide

Steel in Housing Online: Coming Soon

Safe Seismic Steelwork: NZS3404 A2

Careers Booklet to DVD

In front of the pupil with the yellow pen is a copy of the SCNZ Careers in Steel booklet. We published it nearly two years ago to coincide with Workchoice Day. Both the Australian Steel Institute and the British Constructional Steel Association have subsequently picked up the concept and developed similar materials.

Anyone who's ever hosted a Workchoice Day will tell you it's not just the kids who need to learn about the career paths in steel construction; it's also their parents, subject teachers and Careers Advisors. When SCNZ recently visited Careers Services, the government organisation that trains our schools' Careers Advisors, we were soon asked this question: "So where's **your** DVD?"

Not surprisingly, the young people of today are typically quite hard to reach in print. The DVD and the web have become their preferred mode of communication. There's another powerful reason for resorting to the DVD format: When kids listen to people talking enthusiastically about steel construction projects they are working on, they know they can believe what they hear because it's straight from the horse's mouth.

Together with Careers Services, SCNZ will be hosting Careers Advisors Days at member venues in both the South and North Islands. We will show them some hospitality and tell them your story. We will bus them to workshops to see steel being fabricated, to construction sites to see it being erected, to consulting engineers and steel detailers. And we will give them a SCNZ Careers in Steel DVD, **your** DVD. And, hopefully, instead of lacking information about our industry, they can become strong advocates, confidently advising youngsters that there are many careers in steel they could follow.

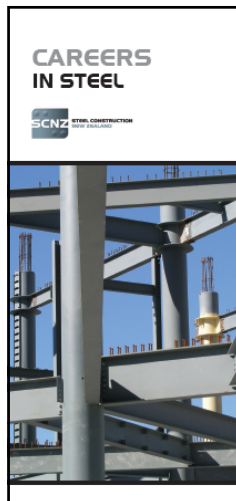
The SCNZ Council has approved significant base funding to underpin the project. However, with a top up of direct member sponsorship, Roy Kane the SCNZ Communications Officer believes we should be able to produce a DVD that has the best production values, that is truly useful and practical, with qualifications and contacts and at least a two year shelf life. If our industry's skills base is to be broadened, we need to start the ball rolling

ourselves. With a new National Training Officer on board, there's never been a better time than right now. That was the view enthusiastically shared by the members who attended the AGM, at which the Careers in Steel DVD was announced as a project.

Take a moment to look at the sponsorship offer. We've tried to make it attractive for all of our members, big and small, to be associated with this project. We start shooting on location in a matter of weeks.



Careers under consideration at Workchoice Day



The internationally acclaimed SCNZ Careers in Steel Booklet



Hearing first hand about careers in steel from Auckland Steel's Tim Watkins

AGM Member Event

Fifteen Minutes North of Rotorua

It was planned as “a little competitive fun” but no sooner had we assembled at Off Road NZ than were split into two teams and pitched straight into the action. It felt like a triathlon in which the three disciplines were sprint-car racing, archery and clay bird shooting; it was everyone for him- or herself at the hole-in-one. There was \$1,000 up for grabs! Actually, the prize was fairly safe; not even Tiger Woods would have been a likely taker but you had to give it a go.

One team went crazy on the sprint car circuit, racing against the clock. After 12 tyre-squealing circuits, the co-driver took over for another 12 and did his or her best to scare the passenger to death! Lots of laughs! Lots of spins and excursions into the kitty litter but no tumbles, despite some valiant efforts. Times were cumulative and averaged.

Everyone was grinning from ear to ear – except those passengers who couldn't bear to look! Mike Sullivan and Greg Jensen raced as the Past Chairmen Team SCNZ, and just before bouncing onto the track, Mike joked:

“This is the only time you'll see us collaborate!” They promptly went out to set the fastest lap time at 12.11 seconds.

The other team meanwhile was again split in two, half drawing a long bow and half bagging clay birds. Suffice it to say that some were deadly accurate, and some were just deadly!

During a changeover, someone asked an Off Road NZ staffer who lived in the house on top of the nearby hill and did they ever complain about the noise?

“That'll be Ian and Carol Tew, and their sons Matt and Greg. No, they never complain. In fact, they would complain only if the noise stopped. They own the place!”

Great view all the way to Mt Ruapehu, and such a short commute to work!

After a Paper Bag lunch we adjourned to the Kingsgate Hotel where Peter Allen was about to start up his Business Torque® Workshop. And then it was time for the AGM. But you can catch up with all that stuff in the minutes. People who know about minutes say they make interesting reading!



An inspired joint venture between D&H Steel and Jensen Steel Fabricators saw Mike Sullivan and Greg Jensen take the chequered flag.



Jacqui Hannington, from 4D Steel Detailing, puts the pedal to the metal and Luke Thomson feigns terror.



Even though Paul “William Tell” Hammond shot a best archer score of 18, his brother Malcolm was glad he'd hidden the apple back at MJH Engineering.



Reegan Lawton of Steel Pencil could ride shotgun on a stage-coach crossing the badlands.



Chipping for dough, Brendan Smith of OneSteel and Alistair Fussell of SCNZ.

ACENZ Conference: Sustainable Steel

SCNZ participated in the recent ACENZ conference as an exhibitor ; we also sponsored speaker Rod Oram. The conference, which had the theme 'Sustainability and Engineering', was held in Napier and was attended by more than 70 Kiwi delegates. In the UK steel construction demolition recovers 94% of the steel. Of this, 10% is reused directly and 84% is recycled. When compared with the reuse and recycling rates of steel in reinforced concrete it is clear steel construction is by far the more sustainable solution.

SCNZ's Senior Structural Engineer Alistair Fussell was kept busy demonstrating the recently released SteelDoc software: "SteelDoc helps Structural Engineers to prepare better design documentation for steel building projects. I think they saw how it could boost their design QA productivity, while the checklists ensure that there are no critical omissions. An added attraction is that SteelDoc is available free as a download from www.scnz.org/Publications/SteelDoc.html."

ASI Steel Convention

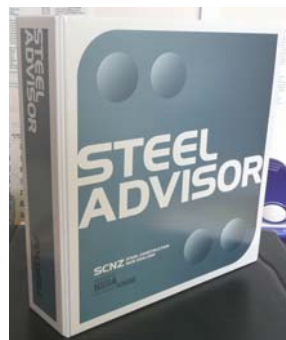


The Australian Steel Institute will be holding its annual convention scheduled for 28-30 October this year. It will be held at the Four Seasons Hotel in Sydney's historic Rocks area on the harbour. The theme is Sustainable Future and will feature sessions on Leadership, the Economy, Climate Change and other emerging industry issues, PLUS plenty of social functions to soak up the city's charms. The event is scheduled to coincide with the International Steel Contractors meetings being held in Canberra on the 25th to the 27th of October. Hit www.steel.org.au for details



SCNZ's Sustainable Steelwork and SteelDoc display at ACENZ 2007

Steel Advisor Out



Earlier this month, Steel Advisor folders were issued to all members and past subscribers to the HERA Design and Construction Bulletins with an option to subscribe and receive regular articles. HERA has endorsed the Steel Advisor as the replacement to the old but much loved DCB. We have received an overwhelming response from our members wishing to take out subscriptions. If you have not received your folder or would like to subscribe give us a call and will send you an application form .

Steelwork Supervisor Qual Consultations

In November SCNZ National Training Officer, Simon Keown, will be running a series of one-day consultation workshops around New Zealand on the Steel Structures Licence Class standard. These workshops are designed to work through the detail of the "must know" technical requirements for steel construction supervisors and preferred ways of training people into the role.

The results from the consultations will feed into the development work SCNZ is doing with the Department of Building and Housing. It will also form the basis of training course and qualification development work by SCNZ over the next 18 months ahead of the roll-out of provisional licensing in November 2008.

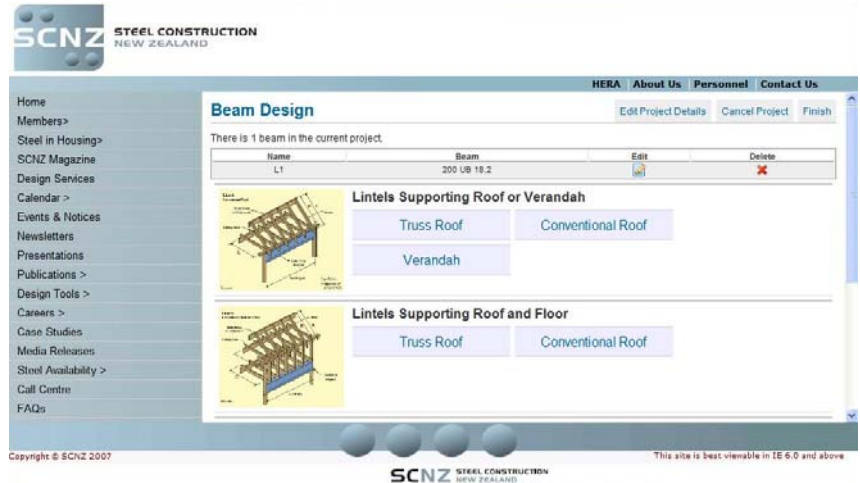
Members are encouraged to bring key senior construction staff who can contribute to the discussions and are keen to become training contacts and motivators in their companies.

Please see attached faxback form for dates and venues. If you have any questions about Steel Structures Licensing and how to prepare people for its introduction, then participation at these consultations is a must. For more information contact Simon at SCNZ.

Steel in Housing Online: Coming Soon

Currently under development is the SCNZ Steel in Housing web page. For members this allows a quick selection of steel beams, posts and footings compatible with the requirements for NZS 3604, Non-Specific Design of Light Timber -Framed Buildings. The tables have been adapted from the Onesteel Steel in Housing booklet to suit New Zealand loadings and preferred deflection criteria.

Some typical details commonly used for fixing steel beams to steel and timber posts will be included. There are plans to develop the output to a sufficient stage to be suitable for inclusion with Building Consent Applications for Design Level 1 Housing



Screen-shot from the SCNZ Steel in Housing web-pages under development

Safe Seismic Steelwork: NZS3404 A2

The impending publication of Amendment 2 to NZS3404 Steel Structures Standard sees structural steelwork buildings in New Zealand becoming the most reliable in terms of safe performance under severe life threatening earthquakes. The lessons learned from the earthquakes in Japan and California in the 1990's showed graphically how the quality of steel and welding determine the safety of a building. While New Zealand has a heritage of high quality steel materials and welding technology used in construction, there is no room for complacency. The Steel Structures Standards Committee has therefore put in place steel materials and weld performance criteria that are in line with the latest research and best practice from around the world.

The implementation of Amendment 2 will require some adjustment to design, specification and fabrication practice as everyone involved in steel construction comes to terms with the new requirements. For advice on use of the new Amendment please contact SCNZ.



BUILDINGS ARE WAREHOUSES OF THEIR OWN STEEL PARTS.

"UK steel construction demolition recovers 94% of the steel. Of this, 10% is reused and 84% is recycled."

Achieving Sustainable Construction

The Steel Construction Institute
BCSA
Corus

Phone 09-263-5635, Fax 09-262-2856

17-19 Gladding Place, PO Box 76403
Manukau City, Manukau 2241,
New Zealand



**STEEL CONSTRUCTION
NEW ZEALAND**