



**STEEL CONSTRUCTION  
NEW ZEALAND**

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**Members' Newsletter May 2006 – Number 16**

# Steel Futures

## **Canterbury Steel Constructors' Meeting**

Thursday 25 May  
10.00 -11.30am  
All members welcome  
John Jones Steel

## **Steel Structures Seminar: Earthquake, Wind & Fire**

Wellington May 23  
Dunedin May 24  
Christchurch May 25  
Nelson May 26

## **SCNZ Steering Group & Executive Meetings**

Tuesday 6 June  
HERA House  
Design 8.00-9.15am  
MMC 10.30-12 noon  
Finance & Admin 2.30-4.15 pm

Friday 9 June  
HERA House  
Executive Council 10.00-12.30pm

## **SCNZ AGM & Members' Meeting**

Saturday, 19 August 2006  
Followed by  
**ALL BLACKS vs WALLABIES  
TEST MATCH**

## **Canterbury Steel Constructors' Meeting**

A meeting of the SCNZ members in the Canterbury region will be held on Thursday 25<sup>th</sup> May at John Jones Steel facility in Christchurch. The meeting will update members on recent developments and discuss the draft business plan for the coming financial year. In particular the directions being proposed regarding steel erector training, steel construction supervisor qualifications, fabricator and erector registration, steel detailing training and promotional work will be discussed. The meeting will start at 10.00am and finish at 11.30am. Please contact SCNZ Manager, Clark Hyland at [clark.hyland@scnz.org](mailto:clark.hyland@scnz.org) or ph (021) 348 352 or Frank van Schaijik at John Jones Steel (03) 366 8679 for more information and to confirm your place.

## **Galvanised Scaffolding Tube Caution**

New Zealand Steel report that care should be taken by users of 48.3mm galvanised scaffolding tube. Tests of some imported tube recently found in the market did not show compliance with the requirements of the governing standards AS/NZS 1576 and AS1163. Chemical analysis showed samples did not meet minimum aluminium requirements. One sample exhibited poor ductility and cracked during flattening. Only steel scaffolding tube traceable to a recognised Mill and supported by reliable Mill Test Certificates stating compliance with AS/NZS 1576 and AS1163 should be incorporated into scaffolding systems.

## **Complying High Strength Bolts Required**

The Australian Steel Institute has recently noted in its December 2005 Journal a problem surfacing in Australia with bolts of untraceable origin without quality certification being used in building work. While the temptation to use a lower cost substitute may be attractive, experience shows that the price of fastener failure is high. Bolted connections have the potential to be the weakest link in the structural steel frame of a building. All connections specified in the New Zealand Structural Steelwork Connections Guide are required to have bolts complying with AS1252. This Standard also sets out bolt markings and the minimum unthreaded shank lengths expected.

## **Steel Structures Seminar: Earthquake, Wind and Fire**

This is a full day technical seminar aimed at Structural and Fire Engineers. SCNZ is organising and presenting the seminar now in conjunction with HERA. Important technical design developments for steel construction related to earthquake, wind and fire conditions will be presented. A session focusing on how to improve design documentation and project communication is also included. Make sure the structural engineers you work with know about the seminar and have registered. For a registration form or go to [www.scnz.org](http://www.scnz.org) to download one.

## **SCNZ Magazine: 3<sup>rd</sup> Issue July**

SCNZ Magazine was published in November and March and each issue mailed to 2000 property developers, builders, architects, structural engineers and quantity surveyors around New Zealand. Advertising space is deliberately limited so if you are interested in supporting the July 2006 issue contact SCNZ Communications Officer, Roy Kane at [roy.kane@scnz.org](mailto:roy.kane@scnz.org) to book your space.

## **Careers in Steel Booklet**

SCNZ has now published its Careers in Steel booklet profiling the many and interesting career and training options available in our sector. We want to attract talented and motivated people into steel construction and this is one important step in that direction. If you are interested in getting copies of the booklet for use in your own recruitment programme contact SCNZ Communications Officer, Roy Kane.