

# GOOD PRACTICE STEELWORK PROCUREMENT



AUSTRALIAN STEEL INSTITUTE

Following international good practice, the Australian Steel Institute now provides a framework for risk categorisation and steelwork fabricator prequalification, enabling cost-effective procurement of compliant steelwork structures.



## BUILDING CERTIFIER

### Wants:

Compliant construction; straightforward assessment

### Does:

- ◆ Check against full requirements of Australian Standards
- ◆ Check construction against specification
- ◆ Encourage use of NSSCS for effective outcomes



## CLIENT/ARCHITECT

### Wants:

Cost-effective quality steel structure

### Does:

- ◆ Manage procurement specification responsibility
- ◆ Ensure use of Australian Standards
- ◆ Nominate third-party certification of steelwork

Cost  
effective  
compliant  
steelwork



## FABRICATOR

### Wants:

To fabricate quality construction under fair competition with peers

### Does:

- ◆ Maintain certification under SCA
- ◆ Take pride in producing quality construction
- ◆ Compete successfully with international peers
- ◆ Collaborate to achieve greater capacity



## ENGINEER

### Wants:

Risk minimised efficient solutions

### Does:

- ◆ Nominate the **Construction Category**
- ◆ Utilise the new National Structural Steelwork Specification (NSSS) and Standard Drawing Notes
- ◆ Nominate third-party certification



## BUILDER

### Wants:

Risk minimised cost effective construction

### Does:

- ◆ Maintain procurement specification
- ◆ Use Australian Standards
- ◆ Use SCA certified fabricators

See over page for further details on our toolkit

Visit our website at [steel.org.au/key-issues/compliance](http://steel.org.au/key-issues/compliance) for all our tools

# Implementation Toolkit

FOR  
CLIENT

## FOR CLIENT: Recommended contract wording

The 'recommended contract wording' has been developed by the ASI to make it straightforward for clients, procurers and builders to insert appropriate clauses into procurement contracts, in particular enabling SCA fabricator certification to match project schedules.

Free download available from:

[steel.org.au/key-issues/compliance/nsscs-for-clients-and-government/](http://steel.org.au/key-issues/compliance/nsscs-for-clients-and-government/)

CONTRACT  
WORDING

FOR  
ENGINEER

## FOR ENGINEER: ASI National Structural Steelwork Specification (NSSS)

The new ASI NSSS has been developed as the primary implementation tool for engineers and specifiers to embed the requirements of AS/NZS 5131 in an expedient and rationalised fashion. The NSSS is freely available in editable format, can be used 'as is' or modified and/or incorporated into your own specifications.

The companion Structural Steelwork Standard Drawing Notes work together with the NSSS and, for smaller projects, may be all that is required.

Free download available at:

[steel.org.au/key-issues/compliance/national-structural-steelwork-specification/](http://steel.org.au/key-issues/compliance/national-structural-steelwork-specification/)



FOR  
BUILDER

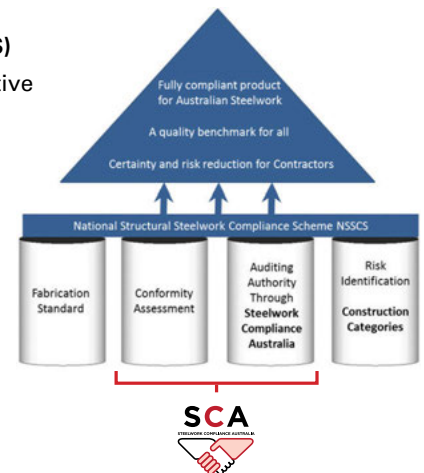
## FOR BUILDER: ASI National Structural Steelwork Compliance Scheme (NSSCS)

Developed by the ASI, the NSSCS provides the framework enabling cost-effective procurement of compliant steelwork structures. It comprises four 'pillars':

- ◆ Australian Standard AS/NZS 5131 Structural steelwork – Fabrication and erection
- ◆ Conformity assessment to AS/NZS 5131, currently undertaken under SCA
- ◆ Auditing of fabricators by Steelwork Compliance Australia (SCA)
- ◆ Risk identification via Construction Categories, undertaken by the engineer

Download all the information from:

[steel.org.au/key-issues/compliance/asi-in-compliance/](http://steel.org.au/key-issues/compliance/asi-in-compliance/)



FOR  
FABRICATOR

## FOR FABRICATOR: SCA certification

The use of SCA certified fabricators ensures your fabricator has the demonstrable processes in place to satisfy the requirements of AS/NZS 5131 and provide risk-minimised quality construction, with greatly simplified processes for clients, builders, engineers and certifiers to ascertain compliance.

Visit: [www.scompliance.com.au/](http://www.scompliance.com.au/) to find out more or check fabricator status



FOR  
BUILDING  
CERTIFIER

## FOR BUILDING CERTIFIER: Building certifier guidance and checklist

Building certifiers need to ensure steelwork construction is compliant through a pragmatic cost-effective process. Our guidance and checklist provides the pointers that will minimise risk and deliver compliant outcomes.

Free download available from:

[steel.org.au/key-issues/compliance/nsscs-for-building-certifiers](http://steel.org.au/key-issues/compliance/nsscs-for-building-certifiers)

BUILDING  
CERTIFIER  
GUIDANCE &  
CHECKLIST