

# Stand-alone steel awards in South Australia

The ASI has held its first 'stand alone' steel industry awards in South Australia after almost a decade successfully conducted in association with the Royal Australian Institute of Architects (RAIA).

The inaugural awards were presented at an industry dinner dance held in the Radisson Hotel ballroom on 6 October to showcase the use of steel in South Australian architecture, engineering and building projects and encourage more steel usage in such projects.

The high calibre of submissions for the awards was testament to the excellent work being undertaken within the industry. These projects also highlight how designers and engineers continue to use steel in innovative and creative ways.

The new Adelaide Airport was recognised for outstanding design and construction, receiving two major awards. Other projects honoured at the ceremony included the 20 metre high S1 Doppler Radar Tower and an important new award for the most outstanding apprentice/trainee in the steel industry.

## Awards were presented to:

- HASSELL for the Adelaide Airport (Architectural Steel Design Award)
- Wallbridge & Gilbert for the Adelaide Airport (Structural Engineering Design Award)
- GHD for the S1 Doppler Radar Tower (Judge's Special Award)
- Tridente Architects for the Portable Bicycle Storage system at University of Adelaide (Metal Building Product Design Award)
- Adam Rooke of Ahrens Engineering Group (Trainee of the Year Award)



### ◆ Winner - Architectural Award - Adelaide Airport

### ◆ Winner - Winner Engineering Award

Designed as a multi-user facility to provide efficient movement of both international and domestic travellers. The architectural requirement of transparency, clarity and legibility assisted with the economy and speed of construction, and addressed provisions for expansion in the future.

**Client:** Adelaide Airport Limited

**Architect:** HASSELL

**Engineer:** Wallbridge & Gilbert

**Builder:** Hansen Yuncken

**Fabrication:** Manuele Engineers and Samaras Group

**Steel Supply:** OneSteel

**Coatings:** Ameron

The trainee award was a first for ASI in SA to recognise the outstanding achievement of an apprentice or trainee within the steel industry.

ASI State Representative – South Australia, **Ken Remphrey** said the first trainee award recipient, **Adam Rooke** demonstrated true dedication and commitment, not only in his professional career, but in his personal life as well.

“Adam began his career at Ahrens as a boilermaker, but after breaking his back in a motorcycle accident in 2003 and having to learn how to walk again, he knew he would not be able to return to his previous role,” Mr Remphrey said.

“After five months’ rehabilitation, Mr Rooke was approached by Ahrens Managing Director, **Stefan Ahrens** to see if he would be interested in a shop-detailing traineeship.

“Starting with minimal computer skills and no drafting experience, he has now established himself as one of the company’s most skilful designers. He has since worked on some of Australia’s most challenging projects, including the steelwork for the north and south canopies of Stadium Australia in Sydney.

“As the awards program continues to grow, we hope many more South Australian companies will take the opportunity to showcase their work.”

Mr Remphrey acknowledged the SA committee’s work in coordinating the awards function to enhance the work of the ASI in representing the steel industry, providing technical and marketing leadership to grow the market and acting as an independent forum to facilitate steel promotion and competitiveness.

#### Adelaide University

A requirement to provide student, staff and public access over a range of heights whilst providing an aesthetic interface with the many and varied structures within the university. The use of extensive glass provided transparency.

**Architect:** Walter Brooke & Associates

**Engineers:** Wallbridge & Gilbert

**Builder:** Kennett

**Steel Supply:** Smorgon

**Fabrication:** Cavan Structural/  
MWS Engineering

**Coatings:** CB Painters

**Glass Work:** Construction Glazing



#### BAZ ZAAR Unley Community Sports Club

To convert a disused Australia Post building into a community sports club. Achieved with good use of external tubular structures to blend to the area landscape. There was a need to blend the interior ‘Moroccan theme’ with the outside and the constraints of an existing building.

**Architect:** Geoff Redin

**Engineer:** CPR Consulting

**Builder:** Partek

**Steel Supply:** Smorgon and OneSteel

**Steel Fabrication:** Kilic Engineering

**Coatings:** Solver





◀ **University of Adelaide - Bike Storage**  
**Winner Innovative Use of Steel Award**

An innovation to provide secure aesthetic bicycle storage in a transportable module. The module has been designed to allow the skin to be changed to suit a variety of environments.

**Architect:** Tridente Architects

**Engineers:** Bastick Llewellyn Consulting Engineers

**Builder:** Bruce Interiors & Construction

**Steel Supply:** BlueScope Steel

**Fabrication:** Tri-Metal Engineering

**Coatings:** Solver



◀ **Commonwealth Law Courts**

The optimum use of natural light, external views and a need to contribute transparency and clarity to achieve a building that promotes and enables calm and long periods of concentration.

The architects used steel to achieve form and function, particularly on the glazed southern wall and the formation of the opal-like exterior.

**Architect:** HASSELL

**Engineers:** Connell Mott McDonald

**Builder:** Hansen Yuncken

**Steel Fabrication:** Samaras Group

**Coatings:** Dulux



◀ **Lemforder Factory/ Warehouse/Office**

The brief was to provide a complex which combined all the facets of a car components operation. Thus, the building combines manufacturing/warehousing and functional, but unobtrusive offices, to satisfy two controlling interests with centres in Europe and USA.

**Architect:** Bryant Concepts

**Engineer:** Bryant Concepts

**Builder:** Ahrens Group

**Steel Supply:** Smorgon & Fielders

**Coatings:** Troisi

▼ **Commonwealth Bureau of  
Meteorology**

**Winner - Judges Special Award**

The combination of the architectural impact and engineering excellence achieved results and the presentation, particularly photographic, provided the judges with an excellent project.

GHD and Bureau of Meteorology designed a world-leading doppler radar network for Australia, which will be constructed at six other sites. The Buckland Park S1 Doppler facility comprises a 20m tall cylindrical steel plate tower that was designed in accordance with sound engineering principles and offers numerous innovative and efficient solutions to the challenges presented by this complex project.

**Architect: GHD**

**Engineers: GHD**

