

Incorporating **Rintoul**



AUSTRALIA POST PROJECT WINS PRESTIGIOUS AWARDS

A W Edwards' continuous drive to deliver quality and value has yet again been recognised by our peers.

On 8th November the Master Builders Association presented to us the 2003 Excellence in Construction Award for the best industrial building, \$10,000,001 and over. The project also won the 2003 award for the best use of concrete.

This \$31m cutting-edge parcel sorting facility required rigorous attention to critical design and construction issues. They particularly included the main floor, consisting of a 140 thick post-tensioned ground slab. This 25,000m² floor was poured in 10 sections, providing a largely joint-free slab.

The slab was placed using a laser-guided screed and polished to obtain a burnished finish. While not specified as "super-flat", tests taken 6 months after casting showed flatness ratings very close to that of a super-flat floor. That is, the actual tolerances and quality substantially improved on the Specification. Australia Post's flexibility and certainty therefore exceeded its expectations.

PROJECT SNAPSHOT

CLIENT	AUSTRALIA POST
Completed contract value	\$30.6m
Site	Old Chullora railway yards, Sydney
Construction period	49 working weeks
Time performance	Practical completion 7 weeks ahead of the contract date
Project Manager	Montlaur Project Services
Architect	Architectus Melbourne
Structural Engineer	Meinhardt (VIC) Pty Ltd



A W Edwards Pty Limited

131 Sailors Bay Road
Northbridge NSW 2063
Tel 02 9958 1474



The Edwards team suggested and facilitated several design changes, resolving several potential time and cost problems.

These included:

- Alternative retaining wall structures
- Adjusting the site levels to ensure a balanced cut & fill, thus avoiding the need to export contaminated soil from the site.
- Design and construction of weighbridge facilities
- Refinement of architectural and services details in conjunction with the design team.

As part of the project team, our managers also assisted with several other challenges including:

- Compliance with Council and Authority conditions
- Upgrading the power and water infrastructure reticulated to the site
- Resolving issues related to State Rail easements and adjoining owners
- Introduction of a "Skycool" coating system for the roof.

The high quality industrial interior was also reflected in the almost mirror-finish of the slab. The award for the best use of concrete was a direct result of our focus on the quality of the floor.

The site, located on the old Chullora rail yards, required major civil works. Edwards undertook these works including accepting all risks in the ground such as obstructions, soft spots, contaminated ground and bearing capacity for footings.

The 32,000m² roof was covered using a Fielders continuous roofing system. Roof sheets, 73m long, were rolled on site using a mobile milling machine. Australia Post then had a more watertight and longer-lasting roof. Again our project team exceeded both the specified requirements and the expectations of the client.

Welcome to the new A W Edwards Newsletter

In response to an interest expressed by our clients and partners we will be publishing this sheet regularly. Its purpose is to keep our friends and stakeholders informed on topical events, successes and achievements arising from our activities.

This issue celebrates the outstanding achievements of our project team on the Australia Post Parcel Facility we recently completed in Chullora.

This project stands as a clear reminder of the unique position we occupy in the Australian construction industry. We stand for dependability, certainty and high value. This especially applies to quality, timely delivery and no disputes.

The Australia Post project was a special success because we were able to focus on the issues most important to the client and deliver an excellent result. The high quality floor slab will form the base for their all-important automated parcel sorting equipment.

We look forward to being involved in your next project and delivering a similar success for you.

Best wishes for Christmas and business success in the New Year!

Bruce Edwards

MANAGING DIRECTOR'S MESSAGE

