

SETTING NEW BOUNDARIES AT ADALAIDE OVAL

Case studies

Introduction

Ever wondered what would be involved in a project that attempted to increase the capacity of a sporting stadium by almost double? Add to that the upgrade and installation of the necessary lighting, construction of two new grandstands, associated hospitality suites, terraces and food courts and you're looking at a serious task!

If that's not enough, now try to imagine doing all this whilst maintaining existing stadium elements including a heritage scoreboard. Over the past two years that's exactly what's been happening at South Australia's iconic Adelaide Oval, and supported by NHP, the project's forthcoming completion is sure to set a new standard in Australian stadium construction!

Project Overview

Built in 1871 and serving as a popular city landmark since, over its 140 year history the Adelaide Oval has forged a rich sporting culture that has seen it play host to a total of 16 codes including AFL, state and international cricket, soccer and rugby.

In 2011, a \$535 million re-development was approved to catapult the stadium into the modern-era of sport with a world-class facility that was to include two new grandstands (Southern and Eastern) as well as a new entrance plaza amongst other upgrades. When it came to the electrical requirements of the project, local contractor Nilsen engaged local switchboard manufacturer LAI Industries, who both in turn chose a local electrical supplier – NHP.

As well as the switchboard and distribution board requirements of the new grandstands, a relocation and modification of the current distribution boards was also needed on a number of the existing light towers at the ground.

Solution

Working together with LAI Industries and Nilsen, NHP provided service and support during the design process of close to 300 switchboard and distribution boards for the new stands and supplied a range of the components used to build them. LAI's complete in-house manufacturing facility that enables conceptual design through to sheet-metal manufacturing, powder-coating and painting as well as electrical assembly, testing and installation, saw them utilise NHP products including Terasaki ACBs, Socomec isolators and the NHP Grizz-Bar within the boards.

"We have mainly used the low-voltage products offered by NHP but with their recent move into medium-voltage, we've also started to take advantage of this range. For us it's not just about our client, it's about having the relationship with our supplier and NHP's quality product and service helps with that", said Frank Iarriccio, Assistant Manager at LAI Industries.

NHP's involvement in the Adelaide Oval re-development highlights the advantage of local service and support and with this in mind, it was more than just the products that made the working relationship between NHP and LAI so successful on this landmark project.

"The Adelaide Oval project is one of the largest projects we've seen in Adelaide and a major challenge has been the time-frame in which the boards were required. By delivering the products on time and providing the local support, NHP have helped us greatly in terms of delivering the project successfully".

"At LAI we have strong relationships with the NHP Sales Representatives and knowing that they're here to support us after hours as well as during business hours makes it a lot easier when it comes to doing business".

Despite the grand-scale construction of the project, in an effort to maintain the nostalgia at the ground created by the existing Moreton Bay Figs and heritage scoreboard, these iconic monuments will remain untouched throughout the project.

Project Fact File

Project: Adelaide Oval Redevelopment

Location: Adelaide, South Australia

Details: In 2011, a \$535 million re-development was approved to catapult the Adelaide Oval into the modern-era of sport with a world-class facility.

NHP Products/Services:

- Terasaki ACBs
- Socomec isolators
- NHP Grizz-Bar
- ISO Plugs and Sockets



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