

## Project Profile

# Port Augusta Central Oval Roofing Redevelopment



<b>Client</b>	BADGE Constructions
<b>Location</b>	Port Augusta, South Australia
<b>Duration</b>	January 2014 - September 2014
<b>Contract</b>	Roofing construction and installation at the redeveloped Port Augusta Central Oval
<b>Cost</b>	\$600,000

## Project Overview

McMahonServices were engaged by BADGE Constructions to install the roofing for the redevelopment of the Central Oval in Port Augusta, South Australia.

**The installation, which formed part of the 18 month-long redevelopment project for Port Augusta’s flagship sporting complex, included the following scope of works:**

- › Project planning including risk assessments and management plans;
- › Supply and installation of 3600 square metres of Kingclip roofing, 850 square metres of Aramax cantilever roofing and 800 square metres of Spandeck roofing;
- › Installation of roof insulation, including spray insulation to the underside of the Aramax roof sheeting and foil-faced blanket insulation for the other roofing;
- › Supply and installation of gutters, downpipes and rainheads;
- › Design and installation of bird proofing on the Aramax roofing;
- › Installation of 85 roof penetrations for services.

### McMahon Services

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During the nine month project, the McMahon Services team developed a systematic production line for installing the roofing to optimise safety and efficiency. The roof sheets were transported as coils inside containers and delivered to the site. These were then rolled out by the McMahon Services team using a rolling machine, into single pieces at 39 metres in length each. Once six roof sheets had been rolled out, the McMahon Services team carefully lifted the sheets, which weighed a total of one tonne, in a single lift. An in-house 200 tonne crane was used to lift the sheets onto the structure for installation.

The Port Augusta Central Oval Redevelopment was the first project where McMahon Services had used Aramax roofing. Although this roofing was the ideal design choice for part of the roofed area, its shape meant that birds could enter the facility. Once the roof was in place, the McMahon Services crew capped off the V-shaped ends of the Aramax roofing with triangular flashing, in order to prevent birds from entering the building.

In addition to the in-house 200 tonne crane, McMahon Services also deployed a range of other in-house equipment, including elevated work platforms and boom lifts.

The crew faced a series of extreme weather events from excessive heat during the summer months to high winds and torrential rain during the winter. Despite these challenges McMahon Services delivered the project on time, on budget and without any lost time injuries.

The redeveloped central oval, with its capacity to host SANFL games will be a major sporting draw card for Port Augusta and South Australia's mid-north. The new facility officially opened its doors to the public in March 2015.



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