

GrainCorp Limited

Edible oils refinery site services upgrade

As Australia's largest edible oils business, GrainCorp sources, supplies and refines edible oils used in food and animal feed products, and non-food industrial production, such as biofuel.

GrainCorp were conducting their processing, packing and oilseed operations across three Australian states. They identified that consolidating all operations into their existing Victorian facility would increase capacity, efficiencies and profit; increasing their overall competitiveness in the market.



Footscray, Victoria



Advisory services, design, value engineering and construction

Project scope

Wiley was engaged to design, engineer and construct facility and site-wide services upgrades. Due to the high volume of GrainCorp staff, visitors and construction teams on site, safety was a critical factor for GrainCorp. Each onsite team was working to a variety of safety procedures, creating a complex site environment. Wiley Project and Site Managers applied their extensive experience to create a collaborative 'one team' culture across all sites' operators.

The project involved:

- Demolition and removal of existing equipment
- Separation of construction sites from production areas
- Construction of civil and structural items
- Supply and installation of process, mechanical, electrical and instrumentation items
- Installation, commissioning and training of process systems and services

Business value to client

This highly complex brownfield project supported a wider initiative by GrainCorp Oils to integrate its edible oils and spread manufacturing operations. This consolidated operation is located centrally where oilseed is largely grown and crushed. It has reduced the trucking distance of the final product by 550,000km/year to customers mostly based in Melbourne and Sydney, providing substantial cost savings for GrainCorp.

Project outcomes included increased capacity, efficiencies and yield, and a reduction in carbon emissions of around 25,000t per year. This integrated facility solution also eliminates the need for coal-fired equipment, providing GrainCorp the opportunity to invest in more efficient and environmentally sustainable technology.

GrainCorp valued Wiley's food industry experience and knowledge of their extremely complex operations and requirements, as this enabled us to correctly interpret a highly technical brief and develop a value engineered facility solution. The level to which Wiley and GrainCorp joined together as 'one team' and formed strong working relationships, was instrumental to the success of this complex integration project.

Partners and consultants

Premier Cranes & Rigging | Kempe Engineering | 4 Site | Simford Welding Services | SJ Electric | Delosa Design Services



Complex services



Live environment



Value Engineering



Advisory Services

