

# JBS Australia

## Rendering mezzanine replacement

JBS is Australia's largest beef processor and one of the country's largest lamb processors. Products include a variety of beef, lamb and mutton and the company also produces a wide range of meat by-products such as hides, fat and bone meal. The existing rendering mezzanine at their Brooklyn facility was approaching the end of its lifespan and JBS Structural Engineers proactively prioritised its replacement.



Brooklyn, Victoria



Advisory services, design, value engineering, construction and project management

### Project scope

- Demolition and removal of the concrete mezzanine floor and support steel, prioritising safety first. A bespoke jig was fabricated and used to cut the concrete into sections that could be removed using an overhead 1-tonne monorail. The entire area below mezzanine was scaffolded to protect concrete from falling onto equipment below.
- Enabling works, including:
  - Tracing and removal of redundant electrical circuits and piping systems
  - Installation of a temporary platform and screw conveyor
  - Ensuring the dust from the demolition works would not impact the JBS rendering processes
- Constructing the new mezzanine platform and access stairs, with a new structural steel to support the new mezzanine
- Installation of the new drainage system, epoxy flooring and electrical connections
- Reinstating two existing blood decanters
- Installation of two new rendered materials decanters

### Business value to client

Applying comprehensive experience in rendering processes, and managing the risks of corrosive environments, Wiley meat specialists were able to deliver the project within the operational environment.

This project ensured the rendering facility complied with all food industry health and safety requirements.

### Partners and consultants

Synergy Engineering | GPS Electrical Services | Ascoat Industrial Floor Surfacing | On Track Excavations



Complex services



Live environment



Safety



Long relationship

