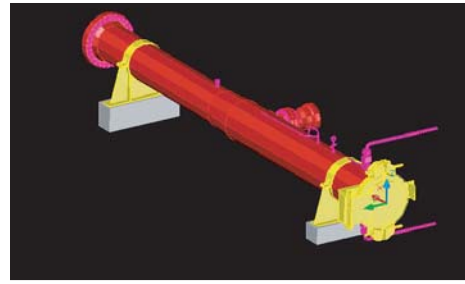
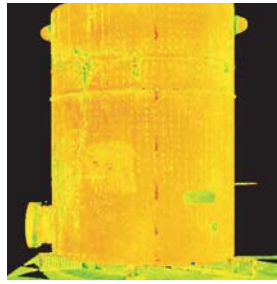
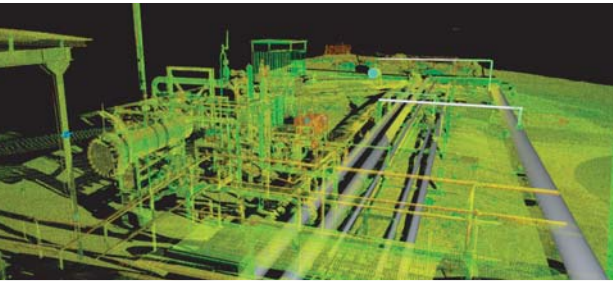


3D SURVEY WORK



Fyfe have more than 25 years experience in survey work

Company Overview

Fyfe Pty Ltd is an engineering consultancy and survey company with its head office in Adelaide, South Australia. Since Fyfe commenced in 1982 as a survey practice, the company has become a significant player in providing engineering consultancy services to the land development, civil engineering and mining industries. The Fyfe group of companies now employs more than 220 people located in eight offices throughout Australia – Adelaide, Brisbane, Darwin, Alice Springs and Roma and remote operation offices in Moomba and Ballera. Fyfe's other companies include MJ Hedges Geomeasure in Queensland, Gilbert Associates in Adelaide and J Matthews and Associates in the Northern Territory.

3D Survey Resources

Fyfe has more than 20 fully equipped survey vehicles available for field operations in Australia. Surveyors use the latest technology and survey collection equipment including reflectorless robotic theodolites, dual channel GPS receivers and wavelength and phase based laser scanners. Fyfe has also invested in a number of software applications including AutoCad Civil 3D, ArcMap, Mapinfo, 12D, Microstaion, CivilCad, Cyclone and Carlson.

Utilising the latest terrestrial laser scanning technology Fyfe can improve on the services provided using traditional methods by delivering:

- Faster data capture which reduces time spent on site
- Remote data acquisition making it possible to survey inaccessible areas easily and safely
- High density survey data ensuring survey completeness
- A large volume of data captured provides oversampling and redundancy for a high level of confidence

3D Survey Services

Fyfe can provide the following services for civil, engineering, mining, aerospace and construction projects:

- Topographical surveys
- Engineering setout surveys
- Photogrammetry and Airborne Laser Scanning Control
- Airport Surveying
- City Modelling & Urban Planning
- Bridge Surveying and Safety Inspection
- Roadway / Bridge Surveying

- Precision 3D Topographical Mapping
- High accuracy 3D Stockpile Volumes
- Archaeology & Cultural Heritage
- Crime / Accident Scene Documentation
- 3D As-Built Documentation
- Oil and Gas piping surveys
- Detailed plant As Constructed surveys and redesign
- Detailed deformation monitoring
- Surface to surface comparisons

Current and Completed Projects

Fyfe have had extensive 3D and high accuracy survey experience in a wide range of projects across Australia.

Recently completed and current projects include:

- Liquid Recovery Plant - Cold Box Rebuild including as constructed 3D survey of existing pipework and the setout of the new Cold Box and associated pipework
- Moomba Airstrip – Detailed as constructed survey of Airstrip pavement repairs and 3D laser scan of the airstrip surface for resheet design
- Big Lake Gas Plant – Complete 3D scan and modeling of existing pipework and plant equipment for detailed design of plant expansion
- Della Pig Receiver – As Constructed survey for retrofit of a new pig barrel to be fabricated offsite and installed without any field fitting
- Lobethal Abattoir – Detailed 3D scan and model of the internal working areas of the abattoir including all plant equipment, structures and surfaces
- Moomba Plant Vessel Maintenance - Deformation monitoring of a large piping vessel, including a baseline scan of the vessel followed by surveys as work was conducted on the vessel. Accurate results were determined by comparing 3D modeled surfaces.

Contact Details

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