

## Engineer Profile:

### Susan Fyfield Senior Process Engineer

#### Summary:

Susan Fyfield is a senior process engineer at Kengineering. Susan has over 5 years experience pursuing her engineering career in the process industries (beverage, steel, and oil and gas).

#### Qualifications:

Bachelor of Engineering (Materials), Honours (1<sup>st</sup> Class), Monash University (2000)  
Bachelor of Arts, Monash University (2000)  
Shell graduate training courses & Campbell's Gas Conditioning and Processing Course  
Graduate Diploma of Education (Secondary), Monash University (2006)  
Certificate IV of Workplace Training, Chisholm Institute of TAFE (2006)

#### Previous Roles:

- BHP Metallurgical Engineering Scholarship holder
  - Three years vacation experience
- Carlton United Breweries
  - Graduate Brewer Program
- Shell Todd Oil Services (New Zealand)
  - Graduate process engineer
  - Site process engineer for the Kapuni onshore gas field
  - Process engineer

#### Experience:

Activities which Susan has undertaken whilst in these positions are:

- Gas dispersion, flaring and safety system calculations and modelling
- HYSIS process model development
- HAZOP Study participant, secretary and leader
- P&ID custodian (Kapuni site - Shell Todd)
- Process optimisation (Shell Todd and Carlton United Breweries)
- Development and custodianship of environmental reporting system (Shell Todd)
- Creation and documentation of verification system for company environmental reporting system (Shell Todd)
- Preparation of standard operating procedures
- Chairing of weekly production meetings between operations and engineering staff (Kapuni Site - Shell Todd)
- Quality assurance, e.g. metallographic testing (BHP), collecting samples and conducting microbiological tests (Carlton United Breweries) and coordinating gas and condensate testing (Shell Todd)
- Shift supervision (B2 Bottle line - Carlton United Brewery)
- Internal quality auditing to ISO 9001 (Carlton United Breweries)
- Trade waste investigations (Carlton United Breweries)
- Metallographic testing, including five weeks in sole charge of BHP Westernport Works laboratory
- Training of operations personnel