

# CAPABILITY STATEMENT



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# Fuel System Solutions

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# 1. INTRODUCTION

## General

Our commitment is that Fuel System Solutions has the capability, experience and dedicated personnel to undertake all parts of the work required by our clients in a professional, efficient and courteous manner.

Fuel Systems Solutions is a privately owned Australian Company that provides a comprehensive range of services to many of Australia's leading organisations.

This statement includes information relating to:

- Benefits of Using the Fuel System Solutions Team
- Previous Performance
- Management Systems and Approach
- Service Delivery Methodology
- Innovation, Value for Money and Industry Best Practice
- Summary

## 2. BENEFITS OF USING FSS

### FSS Business Disciplines

FSS has evolved into a multi-disciplined electrical and construction company that provides significant advantages to our customers and a clear point of difference from our competitors. With this approach and in-house capability, FSS is now delivering a true turnkey approach from concept to completion.

**Petrochemical Services:** Petrochemical services deliver specialised bulk storage and handling facility engineering, construction, demolition and remediation services to the Petrochemical Industry.

**Environmental Services:** FSS delivers commercially focused, effective environmental controls, management and remediation solutions to the industry. Working with some of our service providers we can give you solutions to your environmental concerns.

**Maintenance Services:** Maintenance Services deliver commercially focused, best practice facilities maintenance services to the industry. They provide the underpinning staff, resources and support to the Petrochemical team.

**Electrical Services:** Our Electrical Services Team delivers electrical services to markets in the domestic, commercial and industrial arena. It also performs all types of electrical services in the petroleum arena.

### Experience

FSS is a mid sized privately owned company that provides services Australia wide. It has 17 established experienced staff and electricians who can deliver superior service outcomes by forming partnering and/ or alliance contracts with our clients. Our preference is for long term strategic relationships that deliver mutual benefits to all stakeholders.

Skills base includes:

- Project and Program Management
- Civil & Mechanical Engineering
- Petrochemical and Hazardous Chemical Storage Facility Design & Construction
- Facilities Management and Maintenance
- Petrochemical and Hazardous Site Demolition & Decommissioning
- Environmental consultancy services focused on delivering commercially focused, effective environmental assessment, management and remediation solutions to industry
- Company employed Fitters, Plumbers and Electricians

- Company owned Specialist Plant and Equipment

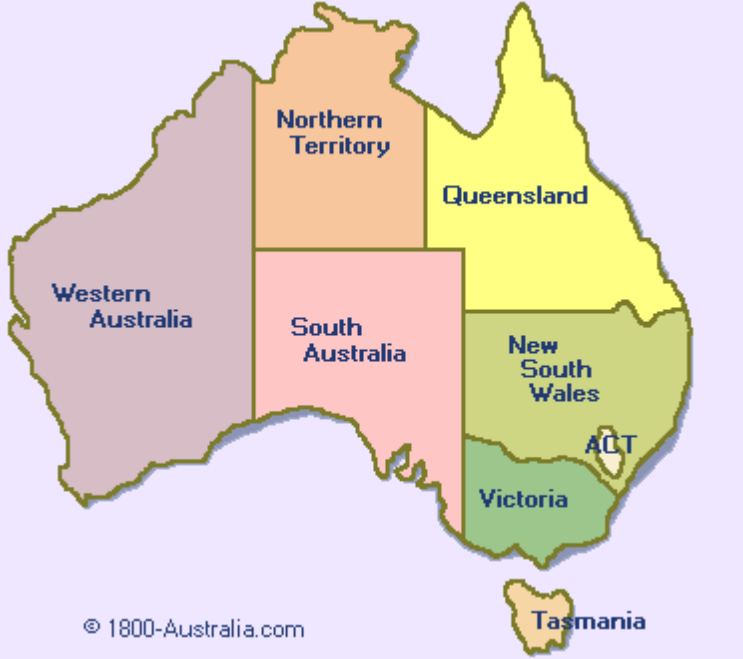
The combination of the above experience and skills with its specifically developed Environmental, Health, and Safety and Quality Management systems supports FSS in delivering quality outcomes for our clients in many diverse industry sectors.

We are committed to delivering the highest levels of safety, quality, value and integrity throughout all functions of our business and we continue to develop our culture through committed leadership and ongoing staff involvement, constantly reviewing and developing work processes and embracing the ever-changing environment in which we operate by being adaptive, innovative and flexible.

FSS Team has a resource management system in place to monitor and manage the workloads of all personnel. Our clients can be assured that our people are committed to providing successful contract outcomes. FSS is focused on ensuring that if awarded the opportunity to work with a client, our work orders/projects will be completed on time and within budget, to strict safety standards. FSS can give our clients the assurance, due to the procedures and processes in place, that every aspect of their contract is managed at all times.

### FSS Service Location

FSS head office is based in Victoria with offices and experienced staff in QLD, NSW and SA however we are committed to servicing the whole of Australia. Many of FSS's projects are located in remote locations of Australia, including regional QLD, WA, SA, NSW, VIC & TAS. This geographic spread enables FSS to draw on its extensive experience base to deliver projects throughout Australia

 <p>© 1800-Australia.com</p>	<p>We service the following states in Australia</p> <ul style="list-style-type: none"> <li>• Victoria</li> <li>• NSW</li> <li>• Queensland</li> <li>• Northern Territory</li> <li>• South Australia</li> <li>• Western Australia</li> <li>• ACT</li> <li>• Tasmania</li> </ul>
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## 3. PREVIOUS PERFORMANCE

### FSS Project List

FSS Directors, Project Managers, Electricians, Fitters, Maintenance technicians have over 70+ years in the Electrical & Petroleum industry. The following is a small sample of projects that have been completed.

#### Defence Base – Australian Munitions Facility

**Location:** Mulwala NSW

**Value:** \$1,000,000

**Size & Complexity:** Design and Construct for a brand new fuel farm. The Munitions Depot at Mulwala was a highly explosive facility making all components of bombs for Defence. Works included running high voltage power underground, running new power to operate the fuels facility, 70 metres of road and kerbing, 2 above ground tanks, DCA and bowser, Armco railing, cutting down of large tree and 600 sq meters of new concrete.

**Timeframe:** 6 weeks

#### Bandiana Defence Base – Gaza Ridge Barricks

**Location:** Wodonga, Victoria

**Value:** \$2,000,000

**Size & Complexity:** Design and Construct for a brand new fuel farm replacing an existing fuel facility that needed to be demolished. The Defence base at South Bandiana is a working defence base which has the requirement to fill vehicles, trucks, tanks and other associated army infrastructure. Works included:

#### **DEMOLITION**

- Isolate all electrics prior to starting any works
- Disconnect and remove 8 x existing fuel bowsers 4 x Diesel and 4 x ULP
- Decant all the pipe work and tanks as required
- Remove the existing metal fuel lines from the existing tanks and each bowser, these are assessable through gatic covers.
- Disconnect all pipe work associated with the underground tanks
- Excavate and remove the existing underground tanks
- Excavate the sand and replace with road base compacted to 98%
- Disconnect and remove the existing triple interceptor including all wiring and pipe work
- Remove the existing U shaped service duct

## **INSTALLATION**

- Supply a formal fuel system design for approval that meets Australian Standards
- Supply and Install 2 x ULP bowser to island 1
- Supply and install 2 x Diesel bowser to Island 2 each bowser to have 1 x standard flow hose and 1 x Fast flow hose
- Supply and install new fuel lines to each bowser
- Supply, install and certify all new electrical
- Supply and Install 1 x 55000 litre ULP self bunded above ground fuel tank (max capacity as per AS)
- Supply and install 2 x 60000 litre diesel self bunded above ground fuel tanks
- Supply and Install 1 x 10000 litre underground purceptor
- Tanks to have computerised dipping/ leak detection monitored and controlled by the Compac Fuel Management system
- Connect the new pit at the end of the tanker unload area to the new Purceptor
- The Bulk Fuel Gantry will be decommissioned as a new bulkfill point will be included in the new tanks
- Provide As built drawings including location of underground services at Practical Completion

**Timeframe:** 16 weeks

### **Transdev Bus Depots**

**Location:** North Fitzroy and Doncaster

**Value:** \$700,000

**Size & Complexity:** Fully functioning bus depots that needed to be kept operational whilst we put in temporary facilities and a temporary bus wash and then constructed new facilities which included above ground tanks, bowsers, plus smart controllers with fuels and electrical infrastructure to support the refuelling of the buses in addition to building new bus wash facilities.

**Timeframe:** 3 months for both sites

### **Pellicanos and Dzine Group**

**Location:** Heatherton Victoria and Sunshine Victoria and Thomastown Victoria

**Value:** \$400,000

**Size & Complexity:** New Bus Depot construction with FSS building the fuel facilities along with all associated electrical, smart controllers, bowsers and above ground tanks along with Adblue tank and bowser

**Timeframe:** 1 months for each sites

### **Removal & Destruction of Tanks**

**Location:** Various clients in –Ferntree Gully, Carrum, Ivanhoe, Williamstown

**Value:** \$100,000

**Size & Complexity:** whilst each project was relatively small they all provided their own individual issues. Two of the sites had high water tables with water flowing in at a very fast rate. Pumping out of water needed to occur whilst work continued on to meet the timeframe. Disposal of contaminated soil on each site needed to occur with FSS working with each client to try and get the contamination levels down to allow low cost soil disposal.

One site needed to have its tanks foam filled but had no ports in which to pump the beneficial. Therefore we had to come up with innovative ways to get the beneficial in to the tank.

**Timeframe:** 2 days to 2 weeks

### **Tank and Line replacements**

**Location:** Country Victoria

**Value:** \$1.2 million

**Size & Complexity:** This project was a large scale project where old petroleum infrastructure was taken out of the ground and new 55,000 litre tanks were installed. Due to levels on the site our Project Manager had to come up with innovative engineering ideas to ensure that all pipework was able to pump product from the tank to the dispensers and that under canopy drainage could run in to the SPEL unit for treatment and disposal to the stormwater.

**Timeframe:** 7 weeks

### **Retail Hose Contracts and Installations**

**Location:** Victoria – AA Petroleum

**Value:** 1 million per year

**Size & Complexity:** 50 BP sites retail hose maintenance



**Location:** NSW – Puma Energy

**Value:** 500,000 per year

**Size & Complexity:** 50 Matilda sites retail hose maintenance

**Location:** SA, Darwin – Mogas

**Value:** 1,000,000 per year

**Size & Complexity:** 100 Mogas sites retail hose maintenance

### **Electrical Contracts**

**Value:** 100,000 per year

Chalmers Industries – Servicing all of their electrical and fuel needs

Independent Schools Victoria – Servicing all their electrical needs

Sun Theatre – Yarraville – Servicing all their electrical needs

Mahoneys Transport – Servicing their electrical and fuels needs

## 4. MANAGEMENT SYSTEMS & APPROACH

### Detailed Works Schedule

Immediately upon award of a project, FSS would develop a detailed works schedule of all tasks and resources required to fulfil contract requirements, and the time allocated to each.

### Environmental Management

Every environmental consideration, both onsite and offsite, be it noise, vibration, odour, dust, erosion, traffic, spills, accidents and the like, will be detailed as part of the project work plans

FSS is committed to carrying out all operations so as to protect the environment, surroundings, workers and the community.

### Site Safety Plan

A site safety workplan will be provided by FSS detailing all safety issues to be considered on the site including but not limited to:

- Induction & Training
- Product Handling
- Fatigue Management
- Connection of Services
- Personal Protective Equipment
- Safe Handling
- Confined spaces
- Working at Heights
- Safety Harnesses
- Accidents
- Emergency Contacts

### Administrative

A series of documents detailing communication channels, Security, Site Induction, Site Access, complaints handling, reporting and meeting requirements will be developed covering all site-specific requirements.

## **Safety, Health & Environmental Management**

The Management of FSS is committed to carrying out all operations so as to protect the Occupational Health, Safety and Environment of all employees, contractors, customers and the community.

To achieve this commitment the management of FSS has prescribed that the Company has a quality assurance system to meet the requirements of the Australian Standards AS/NZS 4804:2001 and continues to improve upon this system.

FSS utilises a proprietary in-house integrated management system, the Work Safe & Live Integrated Management System (WS&L). The WS&L system has been specifically developed for use in the petrochemical and other hazardous industries. The WS&L System places considerable emphasis in integrating environmental, health & safety and property risk management systems with FSS's business processes.

FSS objective is to achieve the best Occupational Health and Safety (OHS) performance through the use of a defined OHS Management System fully integrated into the Company's operations. FSS is proud of its safety culture.

In order to achieve this FSS:

- Provides and maintains safe and healthy work areas and equipment;
- Strives to eliminate all OHS risks, or if it is not reasonably practicable then risks are minimised to the lowest level possible;
- Involves and consults with employees so that effective decisions on OHS related matters, such as work practices and systems of work can be made;
- Constantly reviews and upgrades work methods, workplace and equipment to further improve the health and safety in the belief that all injuries and occupational illness can be prevented;
- Provides health and safety training to all employees;
- Provides equipment that can be used safely without endangering the health and safety of the users;

- Recognises outstanding OHS performance;
- Commits to compliance with relevant regulations and legislation.

The Managing Directors are responsible for ensuring that the Occupational Health & Safety Management System is implemented throughout FSS operations on all projects and that it is monitored through regular Management Reviews.

The Management of the Company are responsible for the quality and reliability of service and to this end to ensure that all phases of the Occupational Health & Safety Management System, under their direction, are performed with the highest degree of commitment and effectiveness. They also ensure that this OHS Policy, OHS Management System, Company Procedures and Work Instructions are understood, implemented and adhered to by all members of staff at all levels.

OHS is everyone's responsibility and all staff are expected to actively participate in OHS related activities. Education and training to understand and implement company policy is achieved through formal induction and training programs.

In order for FSS to ensure the effective development and implementation of the Work Safe & Live Integrated Management System, it is necessary for the defining of areas of accountability and responsibility of all personnel involved in the Work Safe & Live operation.

Our OHS system includes all critical elements for an OHS system such as training, emergency response procedures, auditing and the like. Copies of relevant operational procedures and guides can be reviewed at our office at any time.

### **Proactive Safety Monitoring**

To minimise the risk of injury to employees and others in the workplace by identification and reporting of hazards, incidents and injuries, FSS investigates root causes and contributing factors, assesses risk, implements control measures, monitors and evaluates.

The investigation procedures are designed to:

- Establish all the facts relating to an accident/incident.
- Establish essential factors involved in the accident/incident.
- Provide conclusions on which to make recommendations for improving health and safety.
- Prevent the recurrence of this particular accident/incident or one similar type incident.

Any investigation that results in an alteration to OHS procedures are recorded in the accident & incident report & investigation and are monitored for suitability and relevance through team and management meetings.

## **Quality Management**

The Management of FSS is committed to the consistent delivery of works and services in compliance with quality requirements, both for internal activities and for projects controlled by the company.

FSS objective is to achieve the best Quality performance through the use of a defined Quality Management System (QMS) fully integrated into the Company operations.

In order to achieve this FSS:

- Provides and maintains product quality and reliability of service in meeting customer requirements.
- Strives to eliminate all Quality risks, or if it is not reasonably practicable then risks will be minimised to the lowest level possible.
- Involves and consults with employees so that effective decisions on Quality related matters, such as work practices and systems of work can be made.
- Constantly reviews and upgrades work methods, workplace and equipment to further improve the quality of the Company products and services.
- Provides quality training to all employees.
- Recognises outstanding Quality performance.
- Commits to compliance with relevant regulations and legislation

The Managing Directors are responsible for ensuring that the Quality Management System is implemented throughout FSS operations on all projects and that it is monitored through regular Management Reviews.

## **Project Management**

FSS has significant experience in the project management of construction projects, and is invested heavily in the implementation of project and financial management information. The system allows detailed budgeting, program scheduling, scope management, procurement and ongoing project financial and operational control.

Project management in the company is administered through an operational control procedure, allowing the most appropriate staff to be allocated to project requirements as needed. FSS maintain a policy of wherever possible utilising in-house resources and we have established a core team of specialist project management and site construction personnel. In this regard, we have selected a diverse and accomplished group of professionals and trades people. However, if there is a need to utilise resources outside the company, FSS select sub contractors on a series of criteria:

- Ability to work as a team;
- Ability to meet project requirements;
- Ability to meet deadlines and budgets;
- Ability to work with the same expectations as our Clients; and
- Ability to work under the same standards set by FSS.

With the projects that FSS have experienced with Clients, these factors are of paramount importance in integrating the work of sub contractors into FSS work, as well as maintaining overall project scheduling and Client expectations.

FSS maintains a close working relationship with our sub contractors. This is particularly so with our local sub contractors we have previously engaged throughout Australia. We consider that a team approach is more beneficial to the overall completion of a project and encourage our sub contractors to work with us in this manner. We do not encourage our sub contractors to work in isolation as this may have potentially detrimental effects to the progress and outcomes of the project. Our focus in remote areas is not only to deliver a successful project outcome but also to develop the capability of local businesses so that they are more able to provide the services required by Our Clients

## **5. INNOVATION, VALUE FOR MONEY & INDUSTRY BEST PRACTICE**

FSS has a core philosophy to deliver innovative, value for money projects that make us stand out from our competitors.

Having been in the industry most of our lives we have all seen bad workmanship, project blow outs and bad services. At FSS we want to strive to provide our customer the best customer service and experience.

We pride ourselves on being able to solve client issues to work related problems in the field. To problem solve, suggest innovative ideas that help continued running of retail sites rather than making them lose trade. Time is money afterall.

We want to stand out from our competitors by providing an experience on projects of honesty, hard work, commitment and the highest customer service.

## **6. SUMMARY**

FSS are confident that our approach, experience and expertise in successfully delivering projects Australia wide and will ensure that our client's expectations and requirements are fully met.

FSS is well acquainted with partnership principles and processes and works closely and transparently with our Clients in all project dealings. FSS will provide a dedicated project management and field team to deliver the required outcome while adhering to the highest safety standards.