

A photograph of an industrial facility, likely a refinery or chemical plant, featuring several large, vertical, cylindrical storage tanks. A prominent spiral staircase winds around one of the tanks. The scene is illuminated by bright lights, and the sky is a deep blue. In the top left corner, there are overlapping orange and teal geometric shapes.

Success Profile

Engineering Manager

Furphy Engineering

September 2020



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About J. Furphy & Sons

Good, better, best.

J Furphy and Sons is a 5th generation, family owned manufacturing business based in Shepparton, Northern Victoria and with operations in Albury NSW and Geelong Victoria. J Furphy and Sons comprises 3 galvanizing plants – Furphy Galvanizing in Shepparton, Albury Galvanizing and Geelong Galvanizing. These plants provide hot dip galvanizing services to steel fabricators and original equipment manufacturers throughout metropolitan and regional Victoria and NSW.

J. Furphy & Sons shares a unique and rich history in Australian manufacturing and more generally. The company founder John Furphy invented and produced a horse drawn water cart with cast iron ends, which was used for, amongst other things, carting water for troops in the military camps prior to being transported to the Middle East and Europe in WW1. The gathering of troops in these camps around the watercart emblazoned with the Furphy name led to the term furphy being employed to describe a story that may be untrue or be an embellishment. The word furphy remains part of the Australian vernacular today.

The Furphy story began in 1864 when John Furphy established a blacksmith and wheelwright shop, then added steam works to progress from light smithing to heavier engineering work. Around 1878 the iron foundry section of the business began and by 1888 John Furphy had the most extensive establishment of its kind in Northern Victoria. Continuing growth and diversification has seen the addition of a Laser Welding facility, Hot Dip Galvanizing plants and high-tech Laser Cutting facility to the Engineering workshop. These divisions combine to form a truly unique metal trade centre on a single site. Project engineering and fabrication remains Furphy's core business and today Furphy's is an innovator in the design and fabrication of stainless steel tank structures and equipment for major engineering projects.



About Furphy Engineering

Furphy Engineering (www.furphyengineering.com.au) is the engineering manufacturing arm of J. Furphy and Sons based in Shepparton. Furphy Engineering specialises in stainless steel tank and vessel design, manufacture, inspection and maintenance with customers across Australia and New Zealand. They are also Australia's only manufacturer of laser welded pillowplate.

Furphy Engineering is the business for which this role is being sought and it provides a number of products and services to its customer base located throughout Australia:

- **Stainless steel tanks and vessels** – design and manufacture
- **Inspection Services for stainless steel tanks and vessels** – these include visual and remote camera inspections, design review, repairs amongst other things
- **FLX Laser welded dimple heat exchanger plate** – Furphy Engineering have the only dedicated machine for this purpose in Australia. Dimple plate is used extensively on stainless steel tanks but can also be used in other heat exchange applications
- **Fabricated products** – contract fabrication of transformer bases for Schneider Electric in Benalla, manufacture and repair of water carts

In addition to these products and services, Furphy Engineering plan to develop and add a modular skid and pipe spooling business.

The current business sees the tank and vessel manufacture as by far the largest segment of the business, however there is significant opportunity to grow the other areas of the business. Consequently the Engineering Manager will have this as his/her task.



About Greater Shepparton

Greater Shepparton offers the charm of a rural lifestyle combined with all the big city facilities. Everything you need is just around the corner, and it takes no time to get there.

Offering an enviable lifestyle, university options, premiere housing estates, and all the must have facilities, coupled with a vibrant, diverse culture makes living and working here unique. Centrally located, Greater Shepparton is only 2 hours to Melbourne and 1 hr 45 mins to Tullamarine airport.

Why move to Greater Shepparton?

- Relaxed lifestyle and gorgeous climate – more sunny days than Queensland!
- No peak hour traffic (unless you get two red lights in a row) and easy access to everything!
- Centrally located only 2 hours from Melbourne (1 hr 45 mins hr from Tullamarine Airport) and close to the wine, high and snow countries.
- Quality housing.
- Extensive range of education opportunities.
- Extensive sport, art, culture and history events and festivals all year round.
- Lakes, rivers, walking and bike paths, bushland and forests all at your front door.



Sports, Events & Festivals

Greater Shepparton is a strong sporting community and is recognised as regional Australia's sporting capital. Development is underway of a \$19m Greater Shepparton Regional Sports Precinct that will see up to 11 different sporting codes housed in one central location. Greater Shepparton hosts many international, national and state sporting events such as BMX nationals, Monster Energy National Moto Cross, softball masters championships, annual state-wide junior basketball tournament and World Cup Equestrian Qualifying just to name a few.

Art & Culture

Shepparton is home to the Shepparton Art Museum (SAM) housing a significant collection of Australian and International Ceramics. SAM's collection also includes historical and contemporary Australian landscape paintings, prints and sculpture, and a growing collection of Australian contemporary art. SAM has an active exhibition program that includes curated, local community and touring exhibitions.

Riverlinks is the home of performing arts and live entertainment in Greater Shepparton. Whether it's comedy, dance, music, theatre or children's shows, Riverlinks offers a full 12 month program of entertainment.

Staged every year since 1997, the Shepparton Festival is regarded as a major calendar event within regional Victoria. The Festival places an emphasis on mixing community created arts with professionally produced and performed work, hosting a strong annual program of touring professional performing arts events.



Education

Greater Shepparton boasts plentiful education opportunities including GOTAFE, University of Melbourne Rural Health Campus and Dookie Campus, La Trobe University, six secondary schools (including private schools), 26 primary schools, 27 kindergartens and 15 long day care facilities.

Health

Greater Shepparton is home to numerous GPs, physios, myotherapists, wellbeing centres and even plastic surgeons! There are two hospitals, GV Health (public hospital) and Shepparton Private Hospital.

Diversity

Greater Shepparton is renowned for its cultural diversity and the welcome we extend to new arrivals with just over 13% of the population identifying as being born in a country other than Australia. We also have the largest indigenous population in regional Victoria. We celebrate our diversity in many ways through art, events, festivals and experiences.

Learn more about Greater Shepparton in this video:





About the role

Title	Engineering Manager
Location	Shepparton
Salary Package	Circa \$120,000-\$140,000 + super, based on experience
Reports to	General Manager, Furphy Engineering – Peter Tapscott
Key Relationships	<ul style="list-style-type: none">▪ General Manager – Furphy Engineering▪ Operations Manager - Furphy Engineering▪ Sales and Marketing Manager – Furphy Engineering▪ Office Manager – Furphy Engineering

Primary objectives:

To manage the cohesive performance of the Engineering Team - incorporating design, drafting, procurement and project management – such that customer expectations are met or exceeded and that production scheduling is optimised for success.

Software Used:

- Inventa (drafting)
- SigmaNest (laser programming)
- Microsoft Dynamics (ordering materials)
- Project Planner (contracts and project management)
- Hubspot (CRM)
- Frontier (estimating)



Responsibilities and Accountabilities:

- Manage and oversee all operations of the Engineering Team, setting KPI's to manage activity within the team.
- Provide weekly, monthly and quarterly reports of FEED activity and performance.
- Ensure that design work meets regulatory requirements and/or good engineering practice whilst optimising customer value.
- Enhance and maintain of company Engineering Design/Fabrication standards.
- Assist, direct and evaluate technical design work.
- Develop and implement accepted strategies for continual improvement of Engineering staff and processes for all manufactured products.
- Interact with the Fabrication team to ensure efficient and timely information and material flow is achieved to maximise resources allocated for project and contract completion.
- Manage interactions with customer regarding management of project to optimise smooth flow of work through our production processes.
- Communicate regularly and effectively with key Engineering personnel in order to:
 - inform of upcoming sales activity and potential orders and
- Understand the forward loading of the FEED and Production teams such that sales targets can be matched accordingly.
- Perform regular follow up contact with customers during and after delivery of their projects to ensure satisfaction and/or feedback for continuous improvement

Key Performance Indicators:

- Time taken from Sales Handover to Production Handover.
- Cohesive Team environment
- Peer Relationships
- Customer Feedback information
- Materials purchased to Estimated Materials
- Cost of Non Compliance issues in Design, Draft and Procurement

Skills and Qualifications:

- Tertiary qualifications in Civil, Mechanical or Chemical Engineering is essential
- Prior experience in managing a multi-disciplinary team in Engineering Design and Project Management
- Well-developed interpersonal skills with the ability to motivate, develop and manage multi-disciplinary teams
- Self-motivated attitude with the ability to multitask and thrive in a timeline-driven environment
- Adept at utilizing ERP systems to provide information for successful operation of the Front Engineering team
- Well versed in taking appropriate business decisions required for achieving budgetary targets .



Advertisement

Engineering Manager – Furphy Engineering

- Exciting leadership opportunity
- Balance career and lifestyle in the City of Shepparton
- 5th generation, family-owned engineering and manufacturing business

Are you an experienced engineer with strong leadership and people management skills, looking to take on a leadership role with an iconic Australian engineering and manufacturing brand? Is your approach to your work Good, Better, Best? Do you love the idea of balancing lifestyle and career in a regional city that has all the amenities of a capital city and all the benefits of a regional lifestyle? If you answered yes, please read on! Your next exciting opportunity may be with Furphy Engineering!

J. Furphy & Sons is a 5th generation, family-owned manufacturing business and Furphy Engineering is the engineering manufacturing arm. Furphy Engineering specialises in stainless steel tank and vessel design, manufacture, inspection and maintenance with customers across Australia and plans to expand into New Zealand. Furphy Engineering are based in the regional city of Greater Shepparton, in Northern Victoria. Shepparton offers an enviable lifestyle, university options, premiere housing estates, and all the must-have facilities, coupled with a vibrant, diverse culture, making living and working there unique and special.

The Engineering Manager will report to the General Manager of Furphy Engineering and effectively manage the performance of the engineering team, ensuring that customer orders are delivered on time and to a high level of satisfaction.

To be successful for this role you will be a qualified engineer (mechanical, chemical, or civil) with a high degree of project management nous. You will have a proven ability to solve problems as they arise, including technical, customer service, delivery, and process issues. No two days or jobs will be the same, as this is not a standard production line, and your ability to be agile and think on your feet will hold you in good stead to react to the daily requirements of the role.

You will be a confident communicator, able to engage with customers during and after the delivery of their projects to ensure satisfaction and continuous improvement opportunities. You will have a proven background working as an engineer, which will allow you to assist with technical and design issues, as well as an innate ability to develop strong, mutually beneficial relationships within your team and across the broader business.

For further information please download the position description at <instead Success Profile link>, or for queries not covered in the position description please contact Melanie Pecanek on 0408 898 734 or Carla Bent on 0422 582 992. To apply, click the 'Apply Now' button and upload your resume in Microsoft Word format.

For further information

For a confidential discussion, please contact:



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