

Furphy End-to-End Solution

INSPECTION SERVICES



Optimising the Performance of Your Assets



GOOD, BETTER, BEST...™

FURPHY
ENGINEERING

furphyengineering.com.au



MONITOR AND MAINTAIN

- **Visual Inspection**
- **Penetrant Inspection**
- **Remote Camera**
- **Specialist Repair**
- **At-Height Repair**
- **Design Evaluation**
- **Condition Assessment**
- **Asset Mapping +
Management Solutions**

Furphy Engineering currently manufacture industrial stainless steel tanks and vessels to the highest quality in our state of the art Shepparton facility. Now we've added the next generation of asset management to support our customers - Inspection Services.

Our expert team provides inspection and assessment services for your on-site storage assets. We understand how crucial it is to ensure that these assets are monitored and maintained due to the operational and external impacts on them. Furphy Inspection Services recommends conducting regular asset health checks to identify and treat potential issues, early.

Trust Furphy Inspection Services to manage your assets. Over \$130M worth of Furphy manufactured tanks are in operation around Australia under our brand guarantee - we know stainless steel tanks and can help you get the best from yours.

What does tank integrity mean for your business?

Our in-house expertise, on your site, every step of the way.



Dedicated QA Team

You get the benefit of our highly qualified QA team members.

All have been involved in the manufacture and certification of stainless steel tanks and pressure vessels, with a broad range of qualifications across a range of disciplines.

If anyone can monitor your tanks effectively, trust our Inspection Services team to do it.





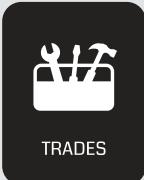

Fully Certified Engineering Team

You also get the benefit of our highly experienced engineering team that design and engineer every single one of our tanks on every project.

Many of our engineering and design team have spent time on the workshop floor which gives them a unique perspective to assess your tankage.

Equipped with the latest technology they are able to assess existing or new assets.

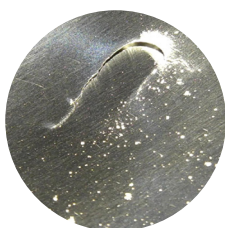
Whatever your requirements, we have a team that will handle it for you.

	 MONITOR	 MAINTAIN
 TRADES	<p>Problem: Lack of Maintenance Records Solution: Visual/Remote Inspection</p> <p>Problem: Potential Downtime Risk Solution: Routine Visual/Remote Inspection</p> <p>Problem: Product Quality Risk Solution: Routine Visual/Remote Inspection</p>	<p>Problem: Tank/Product Contamination Solution: Visual Inspection and Repair</p> <p>Problem: Damaged Assets Solution: Condition Assessment and Repair</p> <p>Problem: Product Leakage Solution: Remote Inspection and Repair</p>
 ENGINEERS	<p>Problem: Tank with unknown suitability for purpose Solution: Assessment by our Engineers</p> <p>Problem: Unknown tank integrity Solution: Mechanical Design comparison by our engineers</p> <p>Problem: Does my tank comply to Australian Design Standards? Solution: Advice from our engineering team to Australian Standards</p>	<p>Problem: New nozzle/fittings required Solution: Design assessment/suitability by our engineering team</p> <p>Problem: Vibrations and movement on tank nozzle/fitting Solution: FEA analysis by our engineers</p> <p>Problem: Moving tanks to a new location with different conditions Solution: Location analysis for new wind and earthquake conditions</p>
	ASSESS	RESOLVE

Typical Issues



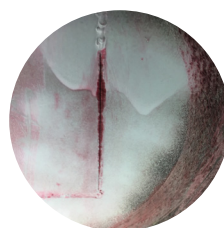
Process Problems



Cracking



Product Leakage



Contamination Risk



Structural Concerns

MAINTAINING YOUR ASSET

Tank Health Checks + Services



Visual Inspection

Looking for an issue and you don't know where to start?

Our expert staff can quickly assess what further work may be needed.



Penetrant Inspection

Problem that is hard to find?

Dye Penetrant is an excellent medium for finding the smallest of issues.



Remote Camera

Need to look at something you can't easily access?

Remote cameras can get into hard-to-reach places.



Specialist + At-Height Repair

You've found a problem, now what?

Our trained and qualified staff can fix problems at any location, especially confined or high places.



Design Evaluation

Have an asset that you're not sure about?

Our designers have a range of capabilities to address any query and provide the assurance that is needed.



Condition Assessment

Concerns with older or out-dated assets?

Our experienced team are able to advise you using a variety of standards.



Asset Mapping + Management Solutions

Need to plan for the future?

Our team can assist with mapping and maintaining your assets.



You rest easy

Furphy Inspection Services can provide the information you need to maximise asset reliability and stay in front of the asset management curve.

Reliability is the foundation of optimal performance.

Contact Furphy Inspection Services today to discuss how we can provide you with the ultimate understanding of your assets.



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