



COMPANY OVERVIEW

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INNOVATIVE PIPING SYSTEMS & PLASTICS FABRICATION SPECIALISTS

Polyfit Fabrication (Polyfit) is a leading supplier of poly fabrication and poly welding.

Polyfit was established in 2007 after identifying the need for a superior plastic fabrication and HDPE piping systems solution provider.

We service clients in the construction, mining, oil and gas, water and sewerage industries.

01

DESIGN

Polyfit manufacture their own range of high quality HDPE fittings and are specialists in the design, manufacturing and installation of HDPE piping systems.

[view on page 11](#)

APPROACH

Polyfit provides an intelligent approach to supplying the best client outcomes, ensuring cost reduction, efficiencies to clients are maximised and delivering projects on time and within budget.

ABOUT US

Polyfit is a Western Australian owned and operated business with a head office and workshop in Wattleup.

02

Our key services include:

- Fabrication
- On-site works
- Trenching
- Lining
- Machine hire

We design, manufacture and supply high quality HDPE fittings including:

- Butt fusion, electrofusion, fabricated and socket weld fittings and backing rings

Our plastic fabrication workshop is equipped to fabricate custom tanks, guards, chutes, launders, fittings and pipe spools to our client's requested specifications.

Our projects span across Western Australia and field installation of polyethylene pipeline anywhere in Australia.

View our ABOUT US page on our website at:
www.polyfit.com.au/about.html

CUSTOMER PROMISE

Polyfit endeavours to maintain their strong reputation whilst continuously growing, developing and expanding their company to meet demands of each industry as well as current, future and prospective clients.

03

MISSION

Our mission is to provide our clients with the highest quality service and supply of polyethylene piping requirements, whilst demonstrating our capability for reliability and a commitment to the health and safety of our stakeholders, environmental sustainability and quality systems.

VISION

To produce and supply Australia's most innovative piping systems and plastics fabrication.

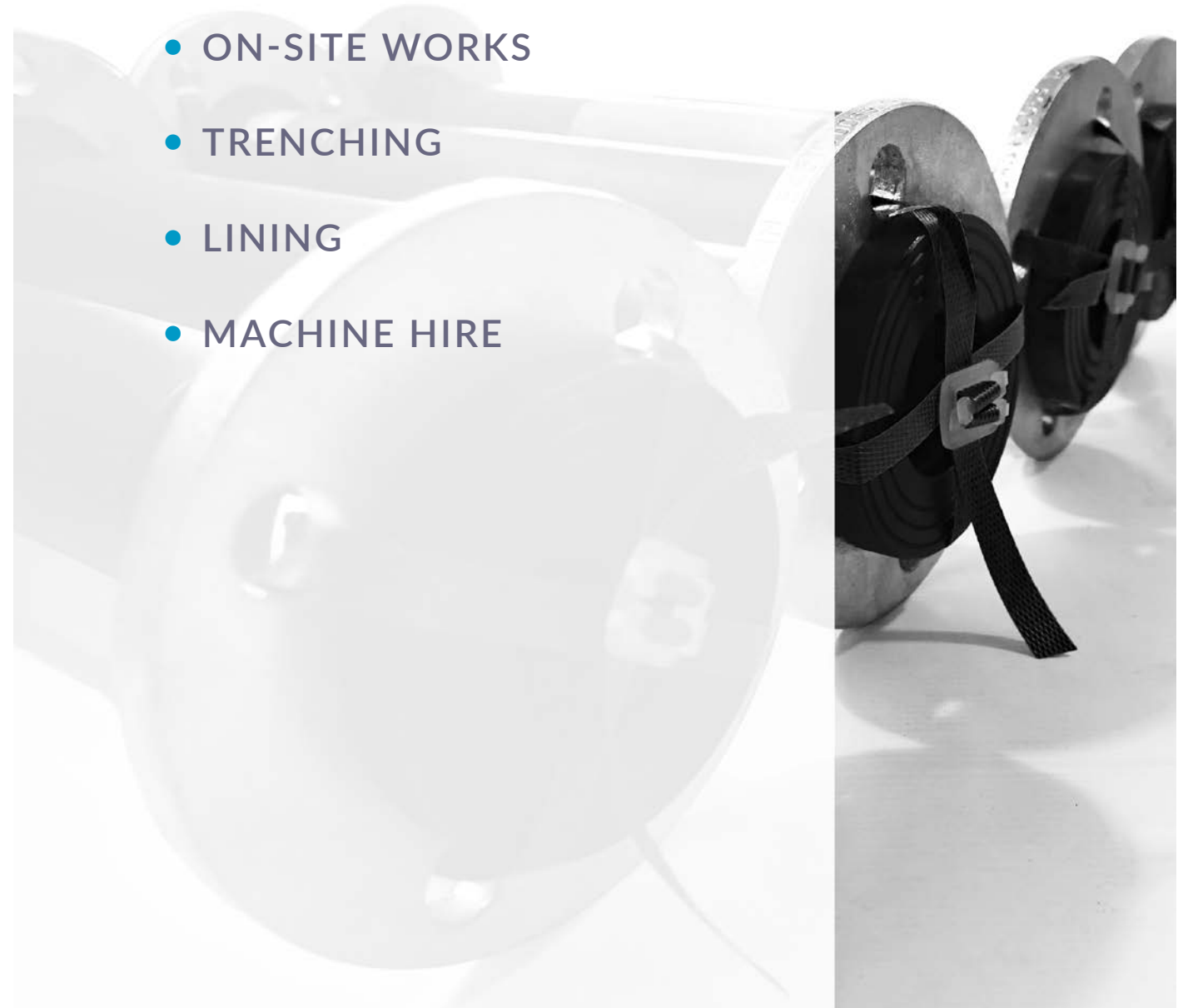
VALUES

- Quality
- Efficiency
- Integrity
- Safety
- Flexibility

KEY SERVICES

04

- FABRICATION
- ON-SITE WORKS
- TRENCHING
- LINING
- MACHINE HIRE



ON-SITE WORKS

Polyfit offer HDPE welding on-site using our large range of HDPE welding equipment to weld pipe sizes between 25mm – 1200mm, with both high and low pressure welding machine options.

05

We offer total project delivery from the initial contact, full fabrication process, receipt of drawings, excavation, supply and pipe welding to delivery and on-site installation, bedding and backfill, completed with testing and commissioning.

We have experience building large bore pipelines, above and below ground, pipe spooling, civil earthworks, ring mains, fuel hubs and tailings dams.

A team of project managers with decades of combined experience in the civil, mining and construction industries are committed to delivering their projects on time and on budget, as well as collaborating with clients to deliver the best possible outcome.

www.polyfit.com.au/services.html#onsite



FABRICATION

Our fully equipped workshop includes a sheet butt fusion welding machine, lathe and CNC router to provide our clients with a quality product that is cost effective.

06

We have experience welding and working with a variety of plastics including HDPE, UHMWPE, PP, PVDF, PVC, ABS and Dual Containment Systems.

Our workshop has a range of welding equipment for pipe spooling, fabricating segmented bends, tees and junctions to client specifications and drawings. We can create custom rectangular and cylindrical tanks supported by our Tank Designer 5 Software to perform engineered calculations for temperature, chemical and elemental factors for client review.

With the use of our sheet butt fusion welding machine we can weld and/or roll HDPE sheet up to 40mm thick with full weld traceability.

We offer UHMWPE lining of steel chutes for wear lining systems which are designed for flow promotion on steel surfaces due to UHMWPE's low friction, anti stick and abrasion-resistant properties. We also offer HDPE lining of steel pipelines which takes advantage of the mechanical strength of steel pipe with the abrasion, chemical and corrosion resistance of HDPE which is ideal for slurry applications.

www.polyfit.com.au/services.html#fabrication





TRENCHING

Polyfit's powerful Vermeer trenching machines are the ideal machines for excavating pipeline trenches, with the ability to go through most ground types with ease. We have the ability to cut trenches between 800mm up to 1000mm wide and up to 2.4m deep with our current fleet.

The use of trenching machines for pipeline excavation is an effective alternative to traditional excavation methods ensuring a flexible, reliable and cost effective solution.

Our operators have extensive experience in operating and maintaining our Vermeer trenching machines and are ready to assist on your next project.

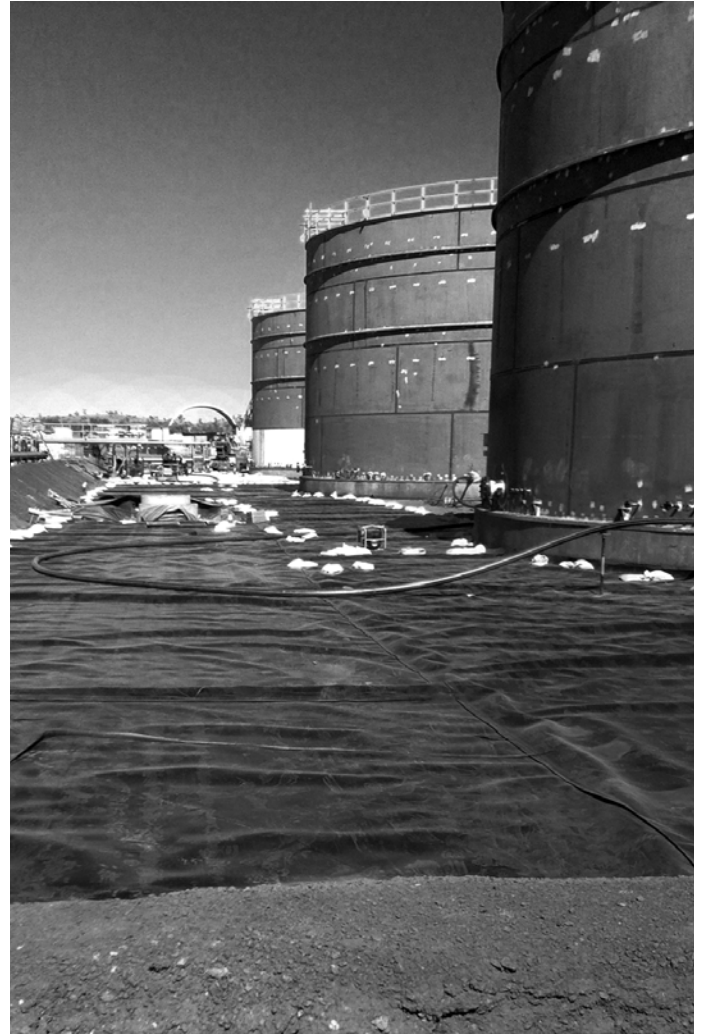
www.polyfit.com.au/services.html#trenching

LINING

Polyfit offer geomembrane lining systems including supply and installation of dam and pond liners, turkey's nests, landfill liners, secondary containment systems, and floating covers.

We can supply and install HDPE liner, geotextiles and geosynthetic clay liner to suit project requirements.

We use a range of industry leading Demtech equipment from www.demtech.com including wedge welders, extrusion welders with spark, tensile and air vacuum testing equipment available for quality assurance.



www.polyfit.com.au/services.html#lining



MACHINE HIRE

Polyfit has a fleet of fully maintained, premium quality plastic welding machinery and consumables manufactured by the world's leading brands.

Our equipment for hire includes butt fusion welding machines, which includes tracked high pressure welder and low pressure welders, electrofusion and socket welding machines. In addition we have extrusion welding and wedge welding equipment for all your HDPE welding needs.

Our fleet is tested, calibrated and serviced to Australian standards and also undergoes rigorous internal quality checks by our qualified maintenance team.

www.polyfit.com.au/services.html#hire

OUR PRODUCTS

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Polyfit manufacture their own range of high quality HDPE fittings.

Quality is guaranteed as Polyfit HDPE fittings carry the WATERMARK Certificate of Conformity by Approval Mark International, Certificate No: WM 74509.

Our raw materials, fittings and pipes are sourced both locally and internationally, undergoing a rigorous certification process to ensure we only provide the highest quality products, which are certified to Australian Standards: AS/NZS 4129 and AS/NZS 4130.

For more information visit our PRODUCTS page on our website at www.polyfit.com.au/products.html



FITTINGS

BUTT FUSION FITTINGS

[www.polyfit.com.au/
products-butt-fusion.html](http://www.polyfit.com.au/products-butt-fusion.html)



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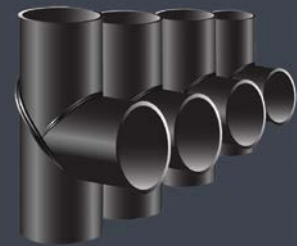


ELECTROFUSION FITTINGS

[www.polyfit.com.au/
products-electrofusion.html](http://www.polyfit.com.au/products-electrofusion.html)

FABRICATED FITTINGS

[www.polyfit.com.au/
products-fabricated.html](http://www.polyfit.com.au/products-fabricated.html)



SOCKET WELD FITTINGS

[www.polyfit.com.au/
products-socket-weld.html](http://www.polyfit.com.au/products-socket-weld.html)

BACKING RINGS

[www.polyfit.com.au/
products-backing-rings.html](http://www.polyfit.com.au/products-backing-rings.html)



QUALITY

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Our commitment to quality in plastic fabrication, design, supply and installation of HDPE piping systems is the foundation of our business.

It is the reason why Australia's most successful companies trust us with playing our part in delivering projects and why we've built a supply chain that our customers have come to rely on.

We can assist our clients in design and concept calculations to create a product that meets design specifications and quality standards.

We take a proactive approach to quality by implementing a comprehensive materials, plant and equipment standardisation program to help reduce manufacturing process variation and improve quality.

SAFETY

Our ultimate goal is an incident and injury free workplace.

Polyfit staff undergo comprehensive and compulsory training in health, safety, security and environment during their introduction to the company and on a regular basis throughout their employment.

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Our clients can be assured that our people care just as much about safety and the environment as they do.



Polyfit promotes the message of “Work Safe, Home Safe”, which reinforces our commitment to sending everyone home safely to their families.

We are continually revising and improving our safety standards to ensure safer ways to accomplish every task.

BENEFITS TO OUR CLIENTS

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EQUIPMENT

Polyfit has a fleet of quality equipment designed specifically for the work we undertake, with an emphasis on data traceability (data loggers which produce reports on the weld, GPS location, time and pressures data).

Our fleet has the capacity to undertake a variety of work from small projects up to large pipelines and is suitable for earthworks, plastic fabrication, geomembrane lining and piping installation projects.

We use a range of industry leading Demtech equipment from **demtech.com** including wedge welders and extrusion welders with spark, tensile and air vacuum testing equipment available for quality assurance.



TOTAL PROJECT DELIVERY

We offer total project delivery from the initial contact, full fabrication process, receipt of drawings, excavation, supply, pipe welding to delivery and on-site installation, bedding and backfill, completed with testing and commissioning.

Our team of project managers ensure projects run smoothly, on-time and within budget and we collaborate with clients to deliver the best possible outcome.

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SOLUTIONS

Polyfit are experts in problem solving to provide the best outcome. We take pride in the high standard of our service and aim to create value for our clients by providing them with safe, cost effective and quality solutions.

INNOVATION

We are always looking for ways to improve and expand on our current capabilities to meet and exceed market requirements.

TECHNOLOGY

Tank calculation software, sheet butt welding software, data logging of welds and upgrade of machinery are some of the improvements we have made.

OUR STAFF

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The biggest asset of our company is our staff.

Our staff have extensive industry experience and exposure, having worked on multiple major projects throughout Australia.

Matthew Bryan, Director and Founder of Polyfit, has a strong background in the mining and industrial industries with extensive experience in welding, sheet and workshop fabrication along with work on mine sites.

Regular training and assessment is undertaken to ensure that our staff are up-skilled and fully ticketed as per industry standards in plastic fabrication and polymer processing.



CONTACT US TODAY

Our professional and friendly office staff are knowledgeable and able to assist clients with any queries, pricing and availability.

+61 8 9524 6080 | info@polyfit.com.au



CERTIFICATE OF CONFORMITY

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ApprovalMark International hereby grants:

Polyfit Fabrication Pty Ltd

13 Paxton Way,
Port Kennedy, WA 6172
AUSTRALIA

WaterMark Certificate of Conformity – Level 1

Evaluated to:

AS/NZS 4129:2008 - Fittings for Polyethylene (PE) pipes for pressure applications

The WaterMark licensee shall comply with all the terms and conditions as stipulated by the governance of the operating rules of WaterMark, and shall comply with standard requirement at all times including when standard is amended. The WaterMark license only covers the product which is identified in the product schedule.

This certificate is issued by a JAS-ANZ accredited certification body. The ABCB and JAS-ANZ do not in any way warrant, guarantee or represent that the product the subject of this Certificate conforms to the WaterMark Certification Scheme Rules, nor accepts any liability arising out of the use of the product. The ABCB disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this certificate.

* This certificate may only be reproduced in its entirety.

Certificate No. WM 74509

Issued: 2nd October 2019

Expires: 2nd October 2020

Originally Certified: 1st October 2012

Current Certification: 1st October 2012

John PRASAD

Director

ApprovalMark International Pty Ltd
20/33 Holbeche Road, Arndell Park 2148, Australia
www.approvalmark.com



ApprovalMark Certification



WaterMark

ApprovalMark



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