



## COMPANY PROFILE





**Poly Welding Specialists is a privately owned Australian Company providing expertise to the Civil Construction, Gas, Irrigation and Plumbing & water industries.**

The team at Poly Welding Specialists are highly experienced in mains laying within the water and gas industries - with qualified and competent staff including qualified plumbers and holders of 'Certificate III' in Construction and Utilities modules. Our staff thrive in complex situations and can assist with the more challenging and ever evolving aspects of the industry, such as designing and fabricating fittings to suit the specific installation.

Poly Welding Specialists commits to the successful and efficient completion of each project - on budget and on time. We make the further commitment to provide quality service to our clients and to developing long term relationships that ensure the best outcomes for all stakeholders concerned (including the governing instrumentality – ie. MRWA's..

Poly Welding Specialists has acquired a reputation of exceeding client expectations, and completing jobs with total integrity, diligence, ethics, accuracy and expertise – on time every time. We approach each of our projects in a professional and disciplined manner. We aim for excellence in all areas to achieve total quality management. This includes meeting and exceeding the standards for workplace health and safety, environmental management, site remediation, community relations and stakeholder communication.

We take particular pride in our commitment to meeting and exceeding all occupational health and safety legislative requirements by ensuring that safe and responsible work practices are adopted and practiced at all times.

Our equipment is specifically designed by the team at MAKO Poly Pty Ltd (sister company) for Australian welding conditions.

The team at Poly Welding Specialists has over 20 years of proven experience and specialisation in:

- Poly Pipe Fusion including butt fusion, electrofusion and extrusion welding; large and small bore sizes from 40mm to 1600mm diameter. We also offer the option of low or high pressure fusion processes, in-trench welding, external and internal de-banding
- Tensile and Hydrostatic test welds (using approved NATA Laboratories)
- Pressure Sewer
- Sub divisions
- Trunk and Mainline Pipelines
- Rail works (electrical and communications conduits)
- Fire services
- Storm water harvesting
- Gas lines
- Irrigation
- Quarries
- 24 x 7 call outs
- Industrial Plumbing



A bypass fabricated on site by PWS





## QUALITY, OHS & ENVIRONMENTAL PRINCIPALS

We strive to meet the following principals in all that we do  
- outlined in the model below:

### QUALITY

Our focus is the Customer.  
Continual improvement allows us to  
examine everything we do and most  
importantly see how we can do it better.  
Our Quality system includes:

- Inspection and Test Plans (ITP's)
- Project Management Plans
- Weld logs
- Test Welds



### SAFETY

Our focus is People. Our System includes:

- Safety Policy.
- Drug and Alcohol Policy
- Return to Work Policy
- Health and Safety Management Plan  
and Risk Assessments
- Emergency response and  
Incident Management Plan



### ENVIRONMENT

Our focus is the protection of the Environment  
and future impact.

Our Environment Management System includes:

- Worksite Environmental Management Plans
- Environmental Control Plans and Procedures
- Environment Risk Assessments



# EXECUTIVE MANAGEMENT TEAM

Our Executive Management Team members have proven expertise and experience across the civil , utilities and construction sectors. They head our team of valued employees and contractors - to drive our company forward with determination and commitment to excellence. They are:

**Troy Marshall – Managing Director**

**Matt Van Soest – Director**

**Gemma O'Donnell – Marketing**

**Bernadette Marshall – Administration, Health, Safety, Environment and Quality.**

## WORK METHODOLOGY

**Poly Welding Specialists strictly abide by the following Plastics Industry Pipe Australia guidelines:**

POP001 – Electrofusion Jointing of PE Pipe and Fittings for Pressure Applications

POP002 – Polyethylene (PE) Pipes and Fittings for Compressed Air

POP003 – Butt Fusion Jointing of PE Pipes and Fittings – Recommended Parameters

POP004 – Polyethylene Pipe and Fittings Compounds

POP004a – Supplementary List – Materials Specific to Electrofusion and Moulded Fittings

POP005 – Packaging, Handling and Storage of Polyethylene Pipes and Fittings

POP006 – Derating Requirements for Fittings

POP007 – Metal Backing Flanges for use With Polyethylene (PE) Pipe Flange Adaptors

POP008 – Striping of Polyolefin Pipes – Requirements adopted in AS/NZS 4130

POP009 – Polyethylene Rural and Flood Pipe

POP010a – Part 1: Polyethylene Pressure Pipes Design for Dynamic Stresses

POP010b – Part 2: Fusion Fittings for use with Polyethylene Pressure Pipes Design for Dynamic Stresses

POP011 – Transformed Into AS/NZS 5065 Polyethylene (PE) and Polypropylene (PP) Pipes & Fittings  
for Drainage and Sewerage Applications

POP014 – Assessment of Polyethylene Welds

POP016 – High Stress Crack Resistant PE100



## CONTACT

Poly Welding Specialists

1/43 Access Way  
Carrum Downs  
VIC 3201

T: 03 9708 2241

M: 0408 333 573 Troy

M: 0412 584 122 Matt

E: [office@polyweldingspecialists.com.au](mailto:office@polyweldingspecialists.com.au)

W: [www.polyweldingspecialists.com.au](http://www.polyweldingspecialists.com.au)

