



Fabrication Capabilities

Equipment

Firequip has a fully equipped 1630^m² fabrication workshop that houses two overhead cranes (10t & 5t) with a team of qualified fabricators that utilise the following modern equipment:

- Plasma cutting up to 12mm thick (**NEW BUGO** profile machine for custom profile branch offsets)
- **NEW** Automated Saw
- Mig welding - mild steel and stainless steel
- **NEW** Automated Welding Machine
- Band saws up to 10" 250nb (Plasma cut 300nb to 400nb)
- Pace roll groove machinery 1" - 12" (up to 24" on request)
- Pipe rotators
- Threading machines ½" - 6" BSP (NPT also available)
- Lathe stock for tapping and machining customisation
- Drill press and Tapping Machine
- **NEW** Buck-on Machine
- Electrostatic Painting Machine

Workshop Services

Our fabrication services include:

- Large Wet Pipe Sprinkler Systems (from 25nb Ranges through to 200nb Mains) in multiple stages and have completed sheet welding for platforms.
- Hard pipe double ended droppers
- Process piping for water, air and gas (Limited)
- Booster and pump manifolds
- Custom made fabrication to meet specification under MEM30305
- Cut pipe to length
- Pipe threading and Roll Grooving

Quality Assurance

We pride ourselves on excellent workmanship and have developed a thorough Quality Assurance system even measuring and recording the depth of each custom roll groove we produce for our customers. We conduct regular testing to ensure our products meet Australian Standards.



Projects

We have completed a number of high profile projects including fabrication work for the **M2 Tunnels** and **Shell Refineries** which required stringent quality assurance, documentation and testing.

Certifications

Our certifications include:

- AS/NZS
- Welding Certification
- SafeWork NSW Code of Practice Welding Procedures
- MEM30305 Certificate III in Engineering – Fabrication Trade (All Fabricators)
- Hot Dip Galvanising AS2312.2
- Australian Pipe Standards AS2419.1 and AS1074 up to 150nb
- Welded & seamless Carbon Steel Pipe to ASME b36.1 & API 5L standard 200nb & above

Customer Service promise

By maintaining regular communication with our customers throughout the fabrication process, we ensure that your requirements and specifications are clearly understood ensuring we meet our Customer Service Promise of:

- Availability & responsiveness
- Professionalism & Honesty
- Quality & Certification
- Continuous Improvement