

RICHARD MURPHY

PIPEFITTER · DATA CENTRE & PROCESS PIPEWORK

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Co. Kilkenny, Ireland to Relocating to Brisbane, QLD

WORK ELIGIBILITY

- Working Holiday visa (subclass 417) - full working rights
- Relocating to Brisbane, September 2026
- Available for immediate start on arrival
- Willing to travel, relocate and consider FIFO
- Irish pipefitting trade qualification - QQI Level 6

TICKETS & TRAINING

- National Craft Certificate - Pipefitting
- QQI Level 6 - KCETB Kilkenny
- Hydrostatic testing
- Pneumatic testing
- Daily risk assessments
- Site safety protocols
- ✓ White Card to be obtained on arrival for Australian construction site access.

CORE SKILLS

- ISO isometrics - reading and working from complex drawings
- Spool fabrication - pipe geometry, prep and modification
- Process pipework - high-pressure systems and fit-up
- Hydrostatic and pneumatic pressure testing
- Valve and pump installation
- Rigging, alignment clamps and pipe positioning
- Carbon steel, stainless steel, MDPE / HDPE
- Oxy-acetylene cutting, grinders, band saws and threading machines

REFERENCES

Available on request

Employer references and qualification certificates can be supplied for trade roles, site onboarding and labour-hire checks.

PROFILE

Qualified pipefitter from Ireland with more than five years of hands-on experience on heavy industrial and commercial piping projects, including large-scale data centre process pipework. Strong at interpreting ISO isometric drawings, fabricating and modifying pipework, aligning sections for weld teams, and supporting hydrostatic and pneumatic pressure testing. Safety-conscious, practical and used to fast-paced site environments. Relocating to Brisbane on a Working Holiday visa and suited to pipefitter, pipe fabricator and mechanical-services pipework roles.

TRADE QUALIFICATION

NATIONAL CRAFT CERTIFICATE - PIPEFITTING

QQI Level 6 / KCETB Kilkenny. Irish trade qualification covering pipe fabrication, installation, jointing, drawing interpretation, testing and safe site work. Completed April 2026 after apprenticeship training and site experience with MCM Engineering Ltd.

EXPERIENCE

- Pipefitter (Apprentice to Qualified) Jun 2021 - Present
MCM Engineering Ltd - Bagenalstown, Co. Carlow, Ireland
 - Fabricated, modified and installed high-pressure process piping systems for a large-scale commercial data centre project
 - Worked from ISO isometric drawings, pipe geometry and spool fabrication details to deliver accurate fit-up
 - Positioned, aligned and secured pipe sections using rigging techniques, alignment clamps and site lifting gear
 - Prepared joints for weld teams through bevelling, cleaning and fit-up checks to support defect-free weld lines
 - Conducted system inspections and supported hydrostatic and pneumatic pressure testing before handover
 - Maintained a strong safety record on a 50+ person site through daily risk assessments and strict site protocols

MATERIALS, TOOLS & SITE EXPOSURE

Materials: carbon steel, stainless steel and MDPE / HDPE pipework. **Tools:** oxy-acetylene cutting, pipe threading machines, band saws, grinders, alignment tools and rigging gear. **Project exposure:** heavy industrial and commercial piping, process systems, pump and valve installation, inspection and pressure testing.

EDUCATION

- National Craft Certificate - Pipefitting (QQI Level 6) Apr 2026
KCETB Kilkenny, Ireland. Completed through apprenticeship training and practical trade experience.
- Leaving Certificate - Castlecomer Community School Jun 2021

ROLE FIT

Best suited roles: Pipefitter, Mechanical Services Pipefitter, Process Pipefitter, Pipe Fabricator and Trade Assistant / Pipework Installer. Particularly relevant for data centre, commercial, mechanical-services, fabrication-shop and resources support work.