



**MATERIALS & TESTING
LABORATORIES LIMITED**
WELDING
TRAINING & TEST CENTRE

PERSONALIZED COURSES & TRAINING

SAFETY AWARENESS

QUALITY CONTROL (QC) / INSPECTION & TEST PLANS (ITP)

UNDERSTANDING COMPLIANCE TO NZ STANDARDS

WELDER QUALIFICATION

DIY APPLICATIONS



OUR SERVICES

WELDING TRAINING	Welding Tuition	<ul style="list-style-type: none"> What will you learn: Introduction to welding for industrial applications, welding process, material & consumables, overview of NDTs and destructive tests, defects and imperfections Set up welding machines, welding preparation by grinding, start a welding arc, down hand runs, fillet runs, wave and straight runs, butt weld and more Suitable for: Beginners who want to learn a Welding Process Duration: 28 to 34 hrs - according to welding process Outcome: Certificate of Training with option of sitting a Professional Welder Certification test
	Workshops	<ul style="list-style-type: none"> What will you learn: machine set up, selecting consumables, arc start, building welding runs and related health and safety topics Suitable for: Anyone who wants to learn basic welding for DIY applications Duration: 8 Hours (2 classes/ 4hs per class) Outcome: Hands-on welding experience
	1-to-1 Training	<ul style="list-style-type: none"> What will you learn: Technical advice and hints from a welding inspector, practice under test condition Suitable for: Professional Welders Duration: 1:30h/session (on-demand) Outcome: Technique refinement
1-DAY COURSES	Quality Control	<ul style="list-style-type: none"> What will you learn: Understanding NZ welding standards, welding documentation and process from contractual requirement to physical inspection Suitable for: Managers, Supervisors, Welding Team Leader Duration: 8 Hours, 1 Day Outcome: Understanding steel fabrication compliance to NZ standards and inspections requirements
	Health & Safety Awareness	<ul style="list-style-type: none"> What will you learn: addressing risks and hazards associated with welding Suitable for: Welders, Welder Team Leader, Supervisors, H&S Officers Duration: 8 Hours, 1 Day Outcome: Managing risks, working safe and complying with OHS regulations
CERTIFICATION	Welder Qualification	<ul style="list-style-type: none"> Suitable for: Professional Welders Duration: 1:00h to 2:00h (Variable according to Welding process and Material) Outcome: Welder Qualification to a given Welding Procedure
	Procedures Qualifications	<ul style="list-style-type: none"> Suitable for: Companies who want to certify a new welding procedure Duration: 1:00h to 2:00h (according to Welding process and Material) Outcome: WPS and Qualification for 1 welder
BOOTH HIRE	On-Demand	<ul style="list-style-type: none"> Suitable for: Companies — Pre-employment assessment, or training/testing staff and consumables Duration: per hour The premises: We have a unique space for companies, welding suppliers or others who don't have their own in-house welding showroom or practice centre