



Welding - Basic Introduction to TIG (Tungsten Inert Gas) Welding

Aims

Upon completion of this programme, Learners will be able to operate a TIG plant and its parameters. It aims to give an introduction to the basics of TIG welding, welding procedures, tungsten selection, Tig settings, machine set up, welding of several joints using different materials.

Content

Welding of mild steel plate, stainless steel plate, aluminium plate of varied thickness - 1.6mm, 2.0mm, 3.0mm to yield Fillet, Butt, Corner and Lap joints. Tungsten selection 1.6mm, 2.4mm, thoriated or zirconiated. General introduction into welding procedures & technology, setting up of welding equipment in terms of plant parameters and machine settings. Tig welding of light material using pulse mode. May or may not be introduced to pipe (depending on time & one's ability).

Entry Requirements

There are no educational entry requirements. Potential learners should be holders of National Craft Certificates or work in an engineering trade background e.g. Metal Fabrication, Fitting, Toolmaking, etc. Learners should be aware, however, that safety goggles/glasses, boots, gloves, welding shield (automatic type if one prefers) and overalls/workshop coat are required to participate in this programme. Please note that these items are not provided by LIT. An adequate level of English is also required to participate in this course for Health & Safety reasons. There are only six spaces available on this course, so early registration is advised to avoid disappointment.

Assessment/Examinations

Continuous assessment will take place throughout the 10 Weeks. There will be no examination.

Qualification

A Certificate of Completion will be issued to eligible participants.

Award:Certificate in Introduction to TIG (Tungsten Inert Gas) Welding (Certificate of Attendance)

Department:Mechanical & Automobile Engineering

Campus:LIT Moylish

Level:NA

Duration:10 Days

10 Weeks, 2.5 hours per week

Wednesday from 7.00pm to 9.30pm

Proposed commencement date of Wednesday 2nd October 2019

Course Location:LIT Moylish Campus, Limerick

Application Deadline:20th September 2019

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Days

Course Fees:

€575

Contact:

Department of Flexible Learning
Tel: 061 293802
Email: flexible@lit.ie

For academic queries

Contact: Paul Hickey
Email: Paul.Hickey@lit.ie