

National Certificate in Welding – Level 4

Level 4

Credits 120

1 Purpose

This certificate recognises competence in the welding trade. Holders of this qualification are able to perform various welding tasks by using different techniques.

2 regulations for the qualification

2.1 entry requirement

NC in Welding – Level 3

2.2 recognition of prior learning

N/A.

2.3 summary of qualification requirements

This qualification will be awarded to people who have met all the requirements.

All the standards listed below are required.

ID	Title	Level	Credits
me/03/0001/04	Weld steel structures with the gas metal arc welding processes in all positions	4	6
me/03/0002/04	Weld steel structures with the manual metal arc welding process in all positions	4	6
me/03/0003/04	Weld aluminium with the gas metal arc welding process in all positions	4	4
me/03/0004/04	Weld stainless steel sheet and plate with the gas metal arc welding processes in all positions	4	4
me/03/0005/04	Weld stainless steel tube with the gas tungsten arc welding process	4	6
me/03/0006/04	Weld aluminium with the gas tungsten arc welding process in all positions	4	6
me/03/0007/04	Weld steel pipe with the oxyacetylene process	4	6
me/03/0008/04	Repair non-ferrous metal components by welding	4	5
me/03/0009/04	Repair ferrous metal components by welding	4	5

me/03/0010/04	Weld steel pipe with the manual metal arc welding process using cellulosic electrodes	4	6
me/03/0011/04	Weld pipe in all positions with the gas tungsten arc welding process	4	6
me/03/0012/04	Weld aluminium pipe in all positions with the gas tungsten arc welding process	4	6
me/03/0013/04	Demonstrate knowledge of welding metallurgy	4	8
me/03/0014/04	Demonstrate knowledge of welding technology	4	6
me/03/0015/04	Weld steel structures with the submerged arc welding process	4	6
me/03/0016/04	Read, write and converse in English	4	3
me/03/0017/04	Use and maintain hand tools	4	6
me/03/0018/04	Demonstrate knowledge of heat treatment for engineering steels	4	3
me/03/0019/04	Read and Interpret drawings	4	3
ee/01/0025/04	Demonstrate knowledge of electric welding principles and applications	5	2
ee/01/0004/03	Demonstrate knowledge of earthing	3	2
ee/01/0005/03	Communicate information in a specified workplace	3	3
cn/01/0004/03	Measure and calculate	3	4
mt/01/0004/04	Demonstrate team building skills	4	5
cn/03/0015/03	Demonstrate knowledge of safe working practices on construction sites	3	3
	TOTAL		120

3 accreditation option N/A

4 certification

Please Note: Providers must be accredited by the Mauritius Qualifications Authority.