

COURSE NAME: NATIONAL CERTIFICATE III IN WELDING TECHNIQUES

INTRODUCTION: The holders of this qualification will be will be competent to work in the Maritime Sector as an Assistant Mechanic. The level one qualification presented here will facilitate preparing students to the entry-level workplace tasks and the competency units are mapped in such a way to fulfill the knowledge and skills requirements of the “Assistant Mechanic” occupation within the local Maritime Industry. Referred mechanics can undertake general functional assessment of the small/medium marine engines and its systems and perform necessary repair and maintenance tasks.

CODE:

MNQF: Level 3

DURATION: 4 Months

COURSE FEE: 9,500/- MRF

Registration Fee: 500 MRF

Assessment Fee: 1,000/- MRF

MODE: Face to Face

ENTRY CRITERIA: Successful Completion of Higher Secondary Education

INTAKE: January / July

MODULES:

- Apply work ethics and professionalism
- Provide effective customer care
- Perform basic computer operations
- Apply effective communication and teamwork skills
- Apply mathematics and drawing skills
- Perform basic workshop practice
- Apply safe welding practices
- Perform soldering and brazing
- Perform basic oxy-acetylene welding in 1G-3G positions
- Perform basic oxy-acetylene and plasma cutting
- Perform Manual Arc Welding on mild steel plates in 1F, 2F, 3F, 1G, 2G Positions
- Perform Manual Arc Welding on mild steel plates 3G, 4G and 4F Positions
- Perform pipe bending, grinding, sanding and metal polishing
- Perform welding of Mild Steel Pipes by Manual Arc Welding in All Positions
- Perform welding of Stainless-Steel Plates on Pipes in Flat Positions
- Plan and Prepare Estimates for Welding

- Apply basic TIG and cast-iron welding skills
- Undertake welding project using flat bars and pipe
- Apply basic sheet-metals fabrication skills