

SAQA ID NO	QUALIFICATION OR UNIT STANDARD TITLE
10768	Cut material by means of lancing
10824	Bend a pipe by means of a hydraulic pipe bender
10848	Replace Liners in a Transfer Chutek
110205	Demonstrate Knowledge of The Mine Health and Safety Act, Regulations and Definitions
115093	Control workplace hazardous substances
115101	Address workplace hazards and risks
115547	Replace conveyor belt steel structures (stringers, cradles)
116235	Operate a pendant controlled overhead crane
116520	Apply safety, health and environmental principles and procedures in a workplace
116533	Demonstrate basic knowledge and understanding of emergency preparedness and response
116932	Operate a personal computer system
117867	Managing files in a Graphical User Interface (GUI) environment
117902	Use generic functions in a Graphical User Interface (GUI) - environment
119454	Maintain and adapt oral/signed communication
119456	Write/present for a defined context
119463	Access and use information from texts
119744	Select, use and care for engineering hand tools
12219	Select, use and care for engineering power tools
12239	Mechanically cut, drill and punch fabrication materials
12240	Form and shape sheet metal using hand or power operated machines
12246	Assemble and mechanically join sheet, plate, tube, pipe and steel sections
12444	Measure, estimate and calculate physical quantities and explore, describe and represent geometrical relationships in 2-dimensions in different life or workplace contexts
12461	Communicate at work
12463	Understand and deal with HIV/AIDS
12465	Develop a learning plan and a portfolio for assessment
12466	Explain the individual's role within the business
12476	Select, use and care for engineering measuring equipment
12481	Sling loads
12482	Join metals using resistance welding process
12483	Perform basic first aid
12484	Perform basic fire fighting
13214	Operate and monitor a drilling machine to produce simple components
14683	Apply work site practices
14713	Use welding definitions and symbols
243053	Weld carbon steel workpieces using oxy-acetylene gas welding process in all positions
243056	Weld carbon steel workpieces using the shielded metal arc welding process in all positions
243063	Weld carbon steel workpieces using the shielded metal arc welding process in the down-hand position
243064	Weld carbon steel workpieces, using the gas metal arc welding process in all positions
243067	Cut materials using the oxy-fuel gas cutting process (manual cutting)
243072	Weld workpieces using the oxy-acetylene gas welding process in the down-hand position
243075	Draw and interpret simple plate, pipe and structural steel plate, pipe and structural steel drawings
244110	Conduct paint less dent removal
244339	Mark off and fabricate sections using the contour marker method
244340	Fasten Components By Means Of Swage Lock Bolts (Huck Bolt)
244342	Measure and mark off steel profiles
244345	Identify fabrication materials, their characteristics and applications used in engineering
253374	Describe the chemical industry's composition, its regulatory requirements and

	communication techniques
66774	National Certificate: Engineering Fabrication: Manufacturing and Engineering
7469	Use mathematics to investigate and monitor the financial aspects of personal and community life
7480	Demonstrate understanding of rational and irrational numbers and number systems
9007	Work with a range of patterns and functions and solve problems
9009	Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems
9268	Manage basic personal finance
9443	Work safely and use safety equipment
9678	Follow Basic Health And Safety Practices Understood

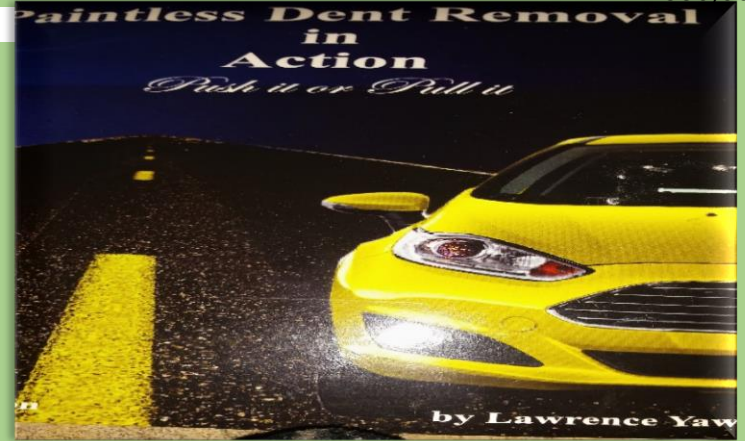
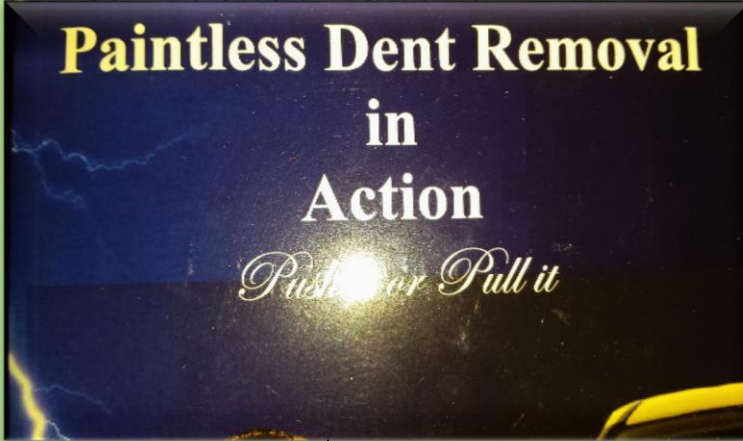
**2017 COURSES OFFERED AT THE TRAINING CENTRE - Approval Number: 17-QA/ACC/1221/16**

<b>SHORT-COURSES</b>	<b>ACCREDITED BY MERSETA</b>	<b>Duration In Days</b>	<b>R</b>
<b>MECHANICAL</b>	<b>PPE KIT INCLUDED</b>		
Fitting		15 - 20	6 800,00
Boiler Making		15 - 20	6 800,00
Sheet Metal Work		15 - 20	6 800,00
Pipe Fitting		15 - 20	6 800,00
Basic: AutoCAD / Solid Work ( Engineering Drawing )		15 - 20	6 800,00
Basic Hand and Tool Skills		7	6 800,00
Rigging		15 - 20	6 800,00
CNC Programming		15 - 20	6 800,00
Cutting Torch		5	6 800,00
Angle Grinder		2	900,00
Health & Safety		15 - 20	6 800,00
Fire Fighting		15 - 20	6 800,00
Basic computer & typing		15 - 20	6 800,00
<b>WELDING</b>			
Mild Steel - Metal Arc Welding		15 - 20	6 800,00
Stainless Steel - Metal Arc Welding		15 - 20	7 800,00
Mild Steel - Tungsten Gas Welding		15 - 20	6 800,00
Pipe Welding - Tungsten Gas Welding		15 - 20	6 800,00
Stainless Steel - Tungsten Gas Welding		15 - 20	6 800,00
CO2 Welding - Gas Metal Arc - Mild Steel		15 - 20	6 800,00
CO2 Welding - Gas Metal Arc - Stainless Steel		15 - 20	7 800,00
Mild Steel - Gas Welding		15 - 20	6 800,00

Should a learner feel incompetent after the short-course he/she can extend the course to a long-course.  
 Long-courses shall extend by R6'000 each month

**NB:** Preferred long-course is 3 months to 12 months which shall be learnership

Multi-Skilled Welding CO2 Plus Tungsten - Argon	1 Month	11 800,00
Multi-Skilled Welding CO2 Plus Tungsten - Arc	1 Month	11 800,00
Multi-Skilled Boiler Making & Welding CO2	1 Month	11 800,00
PDR Training Course - (Paintless Dent Removal ) - Only provider - SPECIAL	2 Months	35 000,00
PDR Tools & Tool bag		15 000,00
PDR Book - Detailed & Informative		350,00



"EMPOWERING FUTURE AFRICANS"

**NB: SATURDAY CLASSES ALSO AVAILABLE**

**ACCOMMODATION ALSO AVAILABLE ON REQUEST, ACCOMMODATION FEE SEPARATE FROM THE ABOVE**

**NB: INTERNSHIP IS 12 MONTHS FOR THE FULL QUALIFICATION, BUT NOT PDR**

**48 000**