



TEKmation Training Institute FET College

Engineering Education and Skills Development

Private Further Education and Training College

Company Reg : 2011/002576/07

DHET Reg No : 2011/FE07/078

Trade: Welder

Code: WP1

Course Title: Welder Phase 1

Course Duration: 15 Weeks

Course Content: This course is designed to enable the learner to receive a good basic grounding and exposure to the skills and equipment that is used in the trade. 1st year Apprentices.

- Induction to Tekmation.
- Occupational Safety.
- Basic First aid.
- Select, Use & Care For Engineering Hand Tools.
- Select, Use & Care For Engineering Workshop Tools.
- Identify And Select Materials.
- Read, Interpret & Produce Engineering Drawings & Sketches.
- Marking Off - basic engineering shapes.
- Thermal Application
- Basic Lifting Techniques
- Apply fundamentals of Oxy-Fuel Gas Welding and Brazing





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Company Reg : 2011/002576/07

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Trade: Welder

Code: WP2

Course Title: Welder Phase 2

Course Duration: 15 Weeks

Course Content: 2nd year Apprentices who have successfully completed the Phase 1 Apprentice Welder course are eligible or individuals who have been recommended for this course as a result of an evaluation conducted at this Centre. The course is designed to enable the learner to receive the skills and knowledge that is used in the trade.

- Apply fundamentals of Oxy-Fuel Gas Cutting
- Apply fundamentals of Shield Metal Arc Welding
- Trade Related Skills.
- Shield Metal Arc Welding (SMAW Positional Welding).
- Apply fundamentals of Gas Metal Arc Welding.
- Apply fundamentals of Gas Tungsten Arc Welding.





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