



THE
LEARNING
DEVELOPMENT
GROUP

Introduction

The accredited Skills Programme: Assistant Metal Joiner, NQF level 2, is for individuals working as assistants in manufacturing, production and engineering. It is a practical entry-level occupational programme for those working with hand and power tools and welding metal.

On completion of the course, delegates will be able to perform heat-related joining of metals using a range of techniques and select, use and care for a range of fixed and portable power tools and engineering hand tools. Delegates will understand the importance of health and safety standards and practices and be able to perform basic first aid and fire fighting.

The Skills Programme offers career entry into the manufacturing and production sector and articulates into the NC: Production Technology, level 2.

Target Audience

The skills programme is aimed primarily at assistant metal joiners under supervision in engineering and manufacturing environments. It is suitable for those working in the electrical engineering, generation, transmission, construction and the renewable energy sectors.

Entry Requirements

- Competence in Mathematics and Communication skills at NQF level 1.

Additional Requirements

- You will need access to appropriate workplace activities to complete the practical components of the skills programme.
- Active support and mentorship by your manager.
- Access to a PC, software and the internet.

Manufacturing & Production

Assistant Metal Joiner

MERSETA Statement of Results

SP ID:	SP0952/15/17
NQF Level:	2
Credits:	32

Course Delivery & Assessment

We use a blend of inclass and virtual interactive learning, workplace learning, coaching and mentoring, theoretical assessment, practical workplace observation and self-study to embed skills.

You will need to:

- Attend all sessions.
- Complete practical workplace experiential learning and assignments.
- Demonstrate theoretical and practical understanding of programme content.
- Compile and submit a Portfolio of Evidence (PoE).

To receive your Statement Of Results, Assistant Metal Joiner, you will need to compile, submit and be found competent on a Portfolio of Evidence (PoE).

Learning Outcomes

By the end of the skills programme, you will be able to:

- Perform basic fire fighting.
- Perform basic first aid.
- Apply health and safety to a work area.
- Select, use and care for a wide range of engineering hand tools and application tools including spanners, sockets, torque wrenches, pliers, clamps and hammers.
- Select, use and care for a range of power tools including drilling machines, grinders, sanders, wrenches and saws.
- Perform basic welding and joining of metals using a range of processes including brazing, soldering and welding.
- Select the correct welding processes, equipment and consumables according to specifications and standards.





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Course Content

SP: Assistant Metal Joiner

Accreditation Body: MERSETA

| SETA Skills Programme ID: SP0952/15/17

| NQF Level: 2 | Credits: 36

Unit Standard 12484: Perform Basic Fire Fighting

- Procedures for dealing with fires in the workplace & types of fire, their context and appropriate fire fighting procedures
- Identify, select and check appropriate fire fighting and safety equipment
- Fight containable or extinguishable fires
- Retreat from a fire site and hand over to appropriate personnel
- Report and record the status of a fire and equipment

Unit Standard 12483: Perform Basic First Aid

- Basic first aid concepts
- Determine the nature of an injury or medical emergency and its context, apply basic first aid, hand over injured or ill person to medical personnel and complete a first aid report

Unit Standard 9964: Apply Health and Safety to a Work Area

- Identify potential hazards in a work area
- Limit damage to persons or property in the case of an emergency
- Follow procedures that apply to illness or injury in the work area

Unit Standard 119744: Select, Use and Care for Engineering Hand Tools

- Select, use, care for and maintain engineering hand tools
- Work safely with due care for self, fellow workers, equipment, materials and the environment

Unit Standard 10255: Select, Use and Care for Power Tools

- Select a power tool pertaining to a specific job requirement
- Use fixed and portable power tools
- Care for and store power tools and their accessories

Unit Standard 119753: Perform Basic Welding/Joining of Metals

- Prepare for work activity, weld and join metals and perform finishing activities
- Apply quality checks on completed weld or joint
- Report unsafe and non-compliance conditions
- Work safely with due care for self, fellow workers, equipment, materials and the environment

Our Accredited Organisations



FACULTY
TRAINING
INSTITUTE



Siyangqoba



Siyaya
SKILLS INSTITUTE



PROSERV
SOUTH AFRICA



MBAT

DEVELOP - EMPOWER - GROW

