



JAREMA
Training and Projects (PTY) LTD



COMPANY PROFILE

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Jarema Training and Projects is a 100% black owned company specializing in training coordination and the execution of earth moving equipment operators within the mining industry. Established in 2012, Jarema Training and Projects understand that a well-trained and efficient labour workforce within the mining industry is crucial to the productivity, safety and sustainability of the industry. With an increase in mining and infrastructure development within the SADC region, the company seeks to work closely and build relationships with stakeholders that have interest in transferring new skills or up-skilling workers in order to increase productive capabilities. The company's in-house facilitators, assessors and moderators have over 30 years' experience with training workers in the mining industry. Accredited by the Mining Qualifications Authority (MQA) and ISO 9001:2015 certified, the company continues to deliver unmatched training services for the mining industry. Competent operators of any earth moving equipment is at the centre of any successful plant usage. Jarema Training plays its part by ensuring quality training for new or current operators in order to get the best results on site.

Vision:

To produce competent earth moving equipment operators through quality training in the mining industry.

Mission:

- To develop and operate within best practice models that are internationally recognized i.e Quality Management Systems.
- To develop outcomes that are consistent with the Mining Qualifications Authority and clients' stipulated registered standards and qualifications.
- To deliver return on investment that is prudent and sustainable to shareholders and other stakeholders.
- To ensure assessors are diligent in their duties to ensure trainees are competent and knowledgeable.

Values:

- Accountability
- Reliability
- Diligence
- Excellence



We facilitate, assess, moderate and certify competent learners. Our skills programmes are geared towards Health and Safety on site and operator competency and certification. Our scope of work includes Operating Mobile Machinery for Surface Excavation Operations (MQA/SP/0177/19). Our scope of machinery include but not limited to:

- Track Dozers
- Front End Loaders
- Dump Trucks
- Articulated Dump Trucks
- Graders
- Excavators
- Shovels
- TLB

KOMATSU



LIEBHERR

HITACHI

BELL

ACCREDITATION BODIES



Request our Training Prospectus:

info@jarema.co.za



OUR COMPETITIVE EDGE

1. Accredited by SETA – Mining Qualifications Authority (MQA)

2. ISO 9001:2015 Certified

3. Focus on customer satisfaction is maintained

***4. Assessors have a collective industry experience of over 30
Years***

5. An efficient support office that is open 24/7

OFFICES:

Free State:

83 Keiskamma Street
Vaalpark
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1974

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TRAINING PROSPECTUS



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CORE UNIT STANDARDS

01 Explain basic health and safety principles in and around the workplace.

Unit Standard Number: 259639

Credits: 4

NQF Level: 2

Unit Standard Outline

This unit standard is intended for people receiving induction on health and safety principles in the workplace. The duties of both the employees and employers with regard to Occupational Health and Safety in the workplace

- General safety rules in a workplace.
- The use and application of Personal Protective Equipment (PPE) in a workplace
- The need for good housekeeping in the workplace
- Applying emergency procedures in the workplace

02 Demonstrate knowledge and ability to work in a Surface Mine

Unit Standard Number: 253025

Credits: 8

NQF Level: 1

Unit Standard Outline

The learner will learn how to:

- Explain the requirements of the relevant aspects of the Health and Safety Act
- Demonstrate understanding of emergency procedures;
- Demonstrate an awareness of strata control; and
- Demonstrate an awareness of applicable ISO standards.

SPECIALIZATION IN DOZING

01 Dozing material using rubber wheel dozer

Unit Standard Number: 257021

Credits: 14

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding dozing material using a rubber wheel dozer
- Prepare to doze material
- Doze material
- Complete the duties pertaining to the dozing operation

02 Use a track dozer to move material

Unit Standard Number: 257038

Credits: 14

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Prepare to doze material
- Doze material
- Monitor dozing operations
- Demonstrate an understanding regarding dozing material using a track dozer

SPECIALIZATION IN DRILLING

01 Drill blast holes in a surface mine operation

Unit Standard Number: 257026

Credits: 15

NQF Level: 3

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding drilling blast holes in a surface mining operation.
- Prepare to drill blast holes.
- Drill blast holes.
- Complete the duties pertaining to the drilling of blast holes.

02 De-water blast holes using vehicle mounted de-watering pump

Unit Standard Number: 257040

Credits: 4

NQF Level: 1

Unit Standard Outline

The learner will learn how to:

- Prepare to de-water blast holes
- De-water blast holes, and
- Monitor de-watering operations

SPECIALIZATION IN DRILLING

03 Drill medium diameter blast holes using an hydraulic or pneumatic drilling rig and compressor

Unit Standard Number: 230011

Credits: 5

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate a basic understanding of medium diameter blast hole drilling.
- Prepare to drill medium diameter blast holes.
- Drill medium diameter blast holes.
- Finalise drilling operations.

04 Drill small diameter blast holes using a percussion drilling rig and compressor

Unit Standard Number: 230020

Credits: 5

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Prepare to drill holes
- Drill holes
- Monitor drilling operations

SPECIALIZATION IN DRILLING

05 Drill holes for blasting and/or splitting dimension stone blocks using a mechanised drill rig

Unit Standard Number: 116632

Credits: 6

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate a basic understanding of drilling holes for blasting and/or splitting dimension stone blocks by means of a mechanised drill rig.
- Prepare to drill holes.
- Drill holes.
- Finalise drilling operations.

06 Drill small diameter blast holes using a percussion drilling rig and compressor

Unit Standard Number: 116658

Credits: 7

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding of drilling intersecting holes.
- Prepare to drill intersecting holes.
- Drill intersecting holes.
- Finalise and report on the drilling process.

SPECIALIZATION IN DRILLING

07 Drill holes using Down The Hole Drill

Unit Standard Number: 11671

Credits: 6

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Prepare to drill holes
- Drill holes
- Monitor drilling operations

08 Drill holes using a Small Diameter Rotary Drill not exceeding 170 mm

Unit Standard Number: 11669

Credits: 10

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Prepare to drill holes
- Drill holes
- Monitor drilling operations

SPECIALIZATION IN DRILLING

09 Prepare and mark off work area for Drilling

Unit Standard Number: 257059

Credits: 3

NQF Level: 3

Unit Standard Outline

The learner will learn how to:

- Demonstrate knowledge and understanding regarding marking off a work area for drilling
- Prepare to mark off drill holes
- Marking off drill holes
- Complete the duties pertaining to the marking of drill holes

10 Demonstrate an understanding of drilling techniques

Unit Standard Number: 376199

Credits: 5

NQF Level: 4

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding of the history and range of drilling.
- Demonstrate an understanding of common drilling equipment.
- Demonstrate an understanding of drilling procedures.
- Demonstrate an understanding of the purpose of drilling operations.

SPECIALIZATION IN DRILLING

11 Supervise the process of small bore Drilling

Unit Standard Number: 119536

Credits: 15

NQF Level: 3

Unit Standard Outline

The learner will learn how to:

- Demonstrate knowledge of small bore drilling.
- Prepare to conduct a drilling application.
- Supervise the drilling process.
- Complete the drilling process.
- Explain health and safety measures required on construction sites.

12 Repair a rotary drill

Unit Standard Number: 253514

Credits: 4

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Explain the factors critical to repairing a rotary drill.
- Prepare to repair a rotary drill.
- Repair a rotary drill.
- Test the rotary drill, and prepare for operation and/or production.

SPECIALIZATION IN EXCAVATING

01 Load material using Face Shovel

Unit Standard Number: 257032

Credits: 26

NQF Level: 3

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding the loading of material using a face shovel.
- Prepare to load material.
- Load material.
- Complete the duties pertaining to the loading operation.

02 Excavate and load material using hydraulic excavator

Unit Standard Number: 257076

Credits: 26

NQF Level: 3

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding the excavation and loading of material using a hydraulic excavator.
- Prepare to excavate and load material.
- Excavate and load material.
- Complete the duties pertaining to the excavating and loading operation.

SPECIALIZATION IN EXCAVATING

03 Load, Haul and Dump material using a Front End Loader

Unit Standard Number: 257031

Credits: 16

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding loading and offload material using a front end loader.
- Prepare to load, haul and dump material using a front end loader
- Load, haul and dump material using a front end loader
- Complete the duties pertaining to the loading, hauling and dumping operation.

04 Relocate material using a dragline

Unit Standard Number: 256996

Credits: 26

NQF Level: 3

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding to relocate material using a dragline.
- Prepare to relocate material.
- Relocate material.
- Complete the duties pertaining to relocation of material operations.

SPECIALIZATION IN EXCAVATING

05 Load, haul and dump material using a Scraper

Unit Standard Number: 257035

Credits: 12

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding load, haul and dump material using a scraper.
- Prepare to load, haul and dump material using a scraper.
- Load, haul and dump material using a scraper.
- Complete the duties pertaining to the load haul and dump operation using a scraper.

06 Load and offload material using a skid steer loader

Unit Standard Number: 257034

Credits: 9

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding loading and offload material using a skid steer loader.
- Prepare to load and offload material using a skid steer loader.
- Load and offload material using a skid steer loader.
- Complete the duties pertaining to the loading and offloading operation.

SPECIALIZATION IN EXCAVATING

07 Handle dimension stone blocks by means of front end loader

Unit Standard Number: 116626

Credits: 13

NQF Level: 3

Unit Standard Outline

The learner will learn how to:

- Demonstrate a basic understanding of handling dimension stone blocks by means of front end loader
- Load and move quarrying equipment
- Extract and handle dimension stone blocks
- Load finished blocks onto trucks

08 Operate Tractor Loader Backhoe

Unit Standard Number: 257028

Credits: 13

NQF Level: 3

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding operating the Tractor Loader Backhoe.
- Prepare to operate the Tractor Loader Backhoe.
- Operate the Tractor Loader Backhoe.
- Complete the duties pertaining to the operation of the Tractor Loader Backhoe.

SPECIALIZATION IN HAUL AND DUMP

01 Haul and dump material using a haul truck

Unit Standard Number: 257024

Credits: 11

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding hauling and dumping material using a haul truck
- Prepare to haul and dump material
- Haul and dump material
- Complete the duties pertaining to the hauling and dumping operation



SPECIALIZATION IN GRADER

01 Grade material using a motor grader

Unit Standard Number: 257115

Credits: 14

NQF Level: 3

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding grading material using a Motor Grader
- Prepare to grade material
- Grade material
- Complete the duties pertaining to the grading operation



SPECIALIZATION IN UNIT STANDARD SERVICES

01 Break rock using a hydraulic rock Breaker

Unit Standard Number: 256997

Credits: 13

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding of rock breaking using a hydraulic rock breaker.
- Prepare to break rock using a hydraulic rock breaker.
- Break rock using a hydraulic rock breaker.
- Complete the duties pertaining to the rock breaking operations.

02 Relocate machines and equipment using a lowbed

Unit Standard Number: 257018

Credits: 10

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding machines with a lowbed.
- Prepare to relocate machines.
- Relocate machines.
- Complete the duties pertaining relocating machines.

SPECIALIZATION IN UNIT STANDARD SERVICES

03 Transport material and equipment using a flat back truck

Unit Standard Number: 257020

Credits: 10

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate knowledge and understanding regarding transporting material using a flat back truck
- Prepare to transport material using a flat back truck
- Transport material and equipment using a flat back truck
- Complete duties pertaining to the monitoring of transport operations

04 Suppress dust using a water bowser

Unit Standard Number: 257060

Credits: 10

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding suppressing dust using a water bowser.
- Prepare to suppressing dust using a water bowser.
- Suppress dust using a water bowser.
- Complete the duties pertaining to the dust suppressing operations.

SPECIALIZATION IN UNIT STANDARD SERVICES

05 Transport and distribute explosives using a heavy-duty explosives vehicle

Unit Standard Number: 257017

Credits: 2

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Prepare to transport and distribute explosive components
- Transport and distribute explosive components
- Monitor transportation and distribution of explosive components

06 Illuminate an area using a lighting plant

Unit Standard Number: 257077

Credits: 2

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding illuminating an area using a lighting plant.
- Prepare to illuminate an area.
- Illuminate an area using a lighting plant.
- Complete the duties pertaining to illumination.

SPECIALIZATION IN UNIT STANDARD SERVICES

07 Deliver compressed air using a mobile

Unit Standard Number: 256998

Credits: 4

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding for the delivering of compressed air using a mobile electrical compressor.
- Prepare to deliver compressed air.
- Monitor mobile compressor operation.
- Complete the duties pertaining the delivering of compressed air.

08 Transport and distribute explosives by using a light duty explosives vehicle

Unit Standard Number: 257015

Credits: 4

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Prepare to transport and distribute explosive components.
- Transport and distribute explosive components.
- Monitor transportation and distribution of explosive components.

SPECIALIZATION IN UNIT STANDARD SERVICES

09 Transport personnel, material and equipment using Light Delivery Vehicle

Unit Standard Number: 257025

Credits: 2

NQF Level: 4

Unit Standard Outline

The learner will learn how to:

- Prepare to transport personnel, material and equipment.
- Transport personnel, material and equipment.
- Monitor transporting operations.

10 De-water blast holes using vehicle mounted de-watering pump

Unit Standard Number: 257040

Credits: 4

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Prepare to de-water blast holes
- De-water blast holes, and
- Monitor de-watering operations

SPECIALIZATION IN UNIT STANDARD SERVICES

11 Bar down loose rocks using appropriate Equipment

Unit Standard Number: 257041

Credits: 4

NQF Level: 3

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding of specified requirements related to the barring down of loose rocks.
- Prepare to bar down loose rocks.
- Bar down loose rocks.

12 Transport and distribute fuel using a Fuel Bowser

Unit Standard Number: 257135

Credits: 4

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding transporting and distribute fuel.
- Prepare to transport and distribute fuel.
- Transport and distribute fuel.
- Monitor the duties pertaining to the distribution and transportation of fuel.

SPECIALIZATION IN UNIT STANDARD SERVICES

13 Operate a mixer-placer explosives truck

Unit Standard Number: 230018

Credits: 6

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate understanding with regards to operating a mixer-placer explosives truck.
- Prepare to operate a mixer-placer explosives truck.
- Place explosives into blast holes by means of mixer-placer explosives truck.
- Finalise operating a mixer-placer explosives truck.

14 Load, transport and place explosives components into blast holes using a mixer-placer truck

Unit Standard Number: 257019

Credits: 6

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Prepare to load, transport and place explosives' components into blast holes
- Load, transport and place explosives' components into blast holes
- Monitor loading, transporting and placing of explosives' components operation

SPECIALIZATION IN UNIT STANDARD SERVICES

15 Move trailing cable using cable-reeler

Unit Standard Number: 256995

Credits: 8

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate an understanding regarding trailing cables using a Cable Reeler.
- Prepare to move trailing cables.
- Move trailing cables.
- Complete the duties pertaining to moving trailing cable operations.

16 Remove and replace off-the-road (OTR) wheels and tyres

Unit Standard Number: 256176

Credits: 8

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Remove wheels from OTR machines/equipment and tyres from wheels.
- Refit tyres to wheels and wheels to OTR machines/equipment.
- Apply knowledge of maintenance requirements for OTR tyres.

SPECIALIZATION IN UNIT STANDARD SERVICES

17 Operate a service truck

Unit Standard Number: 262790

Credits: 8

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrating knowledge of the functions of a service truck.
- Planning for work activities and prepare work area.
- Starting and shutting down service truck.
- Operating service truck.
- Transporting service truck to and from site.



SPECIALIZATION IN UNIT GENERAL ELECTIVES

01 Demonstrate knowledge and use of hand operated fire fighting equipment

Unit Standard Number: 13961

Credits: 4

NQF Level: 2

Unit Standard Outline

Persons credited with this unit standard are able to practically demonstrate knowledge of fire and repellents, knowledge of the application, construction and operation of hand operated fire fighting equipment.

02 Provide risk-based primary emergency care / first-aid in the workplace

Unit Standard Number: 120496

Credits: 5

NQF Level: 2

Unit Standard Outline

The learner will learn how to:

- Demonstrate the principles of primary emergency care.
- Assess and control a single injury emergency scene in the workplace.
- Demonstrate primary emergency life support for adults, children and infants.
- Explain and manage shock.
- Carry out secondary assessment of the sick or injured person and provide appropriate primary emergency care at the scene.
- Keep records of the incident/accident.

ACCREDITED BY:



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