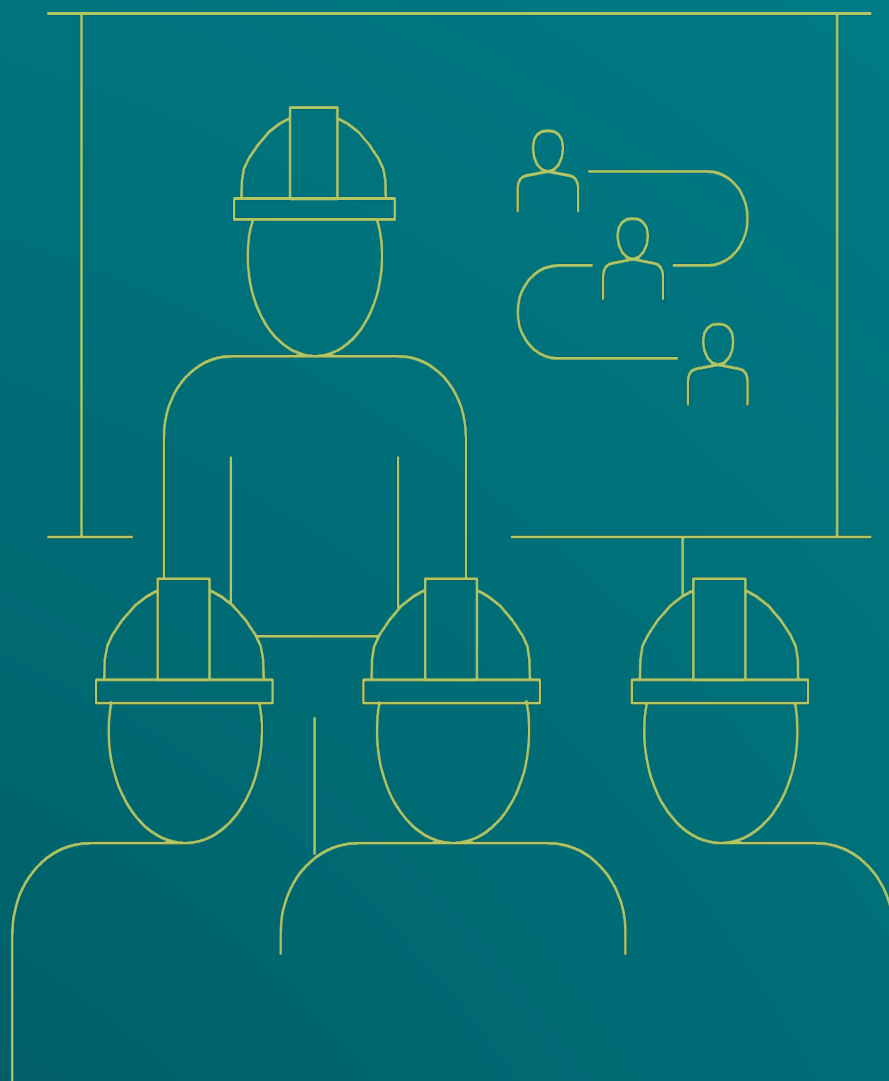




# Engineering Skills Training Centre (ESTC)

Prospectus 2026

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# 1

# About us

## Our Strategy

### Advancing safety and health



Safety underpins our value delivery, defines who we are, and shapes our behaviour.

» Zero Harm

### Simplified and strengthened organisation



We continue to streamline our organisation and strengthen key capabilities.

» Delivering competitive advantage

### Achieving operational excellence



We are driving our operational excellence programme to sustain our H1 cost position.

» Expanding cash flow margins

### Investing in our portfolio for maximum value



Clarity on each asset's role, backed by disciplined capital allocation.

» Sustaining profitability and revenue growth

### Driving demand to ensure long-term success



We play our part to support and develop emerging demand opportunities.

» Growing PGM demand

Our Purpose is to Unearth value to better our world



## Our values



### Keep it safe

Keep yourself safe  
Be your brother's and sister's keeper  
Treat people with respect



### Own it

Do what you say  
Take pride in what you do  
Find a better way forward



### Stand together

Remove barriers  
Unite to achieve great things  
Make people feel they belong

## Engineering Skills Training Centre

The Engineering Skills Training Centre (ESTC) was established in 1984 and is situated in Randfontein. ESTC provides Valterra Platinum and external clients with proficient engineering personnel through provision of cutting-edge training solutions so that they can achieve their strategic objectives. We always strive to positively contribute towards safety, economic growth and wealth creation.

The centre provides engineering skills training for stope servicemen, learnerships and apprenticeships as well as skills programmes, short courses, foremen development, planned maintenance and various specialised short courses. ESTC's commitment to safety and quality training is demonstrated by its continentally accepted accreditations

## 2

# Accreditations and Certification

- Accredited with the Quality Council for Trades and Occupation (QCTO) as
  - Skills Development Provider (SDP) and Trade Test Centre (TTC)
  - Accredited training provider by the Mining Qualifications Authority (MQA)
  - Programme approval with Manufacturing Engineering Sector Training Authority (MerSETA)
  - ISO 9001:2015 certified
  - Occupational Health and Safety Certification
  - Registered with Department of Higher Education (DHET)
  - Institute of Sectoral or Occupational Excellence (ISOE)
- Good Practice Award amongst the top three (3) Employers on Provision of Artisan Development

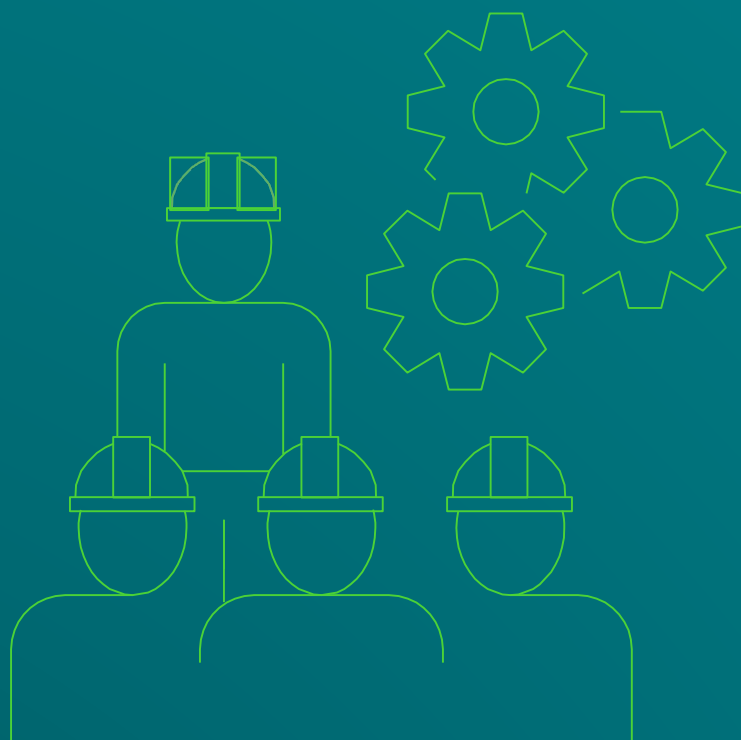
## 3

## Vision

**Vision :** To become the leading provider of engineering skills training within Southern Africa

**Mission:** To provide Valtterra Platinum and external clients with proficient engineering personnel through provision of cutting-edge training solutions so that they can achieve their strategic objectives. We always strive to positively contribute towards safety, economic growth and wealth creation.

4



# Learnerships Occupational Qualifications & skills programmes

# ESTC engineering training services

## 4.1 Learnerships and qualifications:

### The following learnership programmes are offered:

- National Certificate: Transport Electrician/ Automotive electrician L4
- National Certificate: Electrical L4
- National Certificate: Millwright L4
- National Certificate: Instrument mechanic L5
- National Certificate: Welder L4
- National Certificate: Fitting and turning L4
- National Certificate: Fitting (including machining) L4
- National Certificate: Plater/boilermaker L4
- National Certificate: Diesel mechanic L4
- National Certificate: Rigger ropesman L4
- National Certificate: Heavy equipment mechanic / Earth-moving equipment mechanics L4
- National Certificate: Automotive mechanic L4
- National Certificate: Electro-mechanical L2
- Engineering hard rock metalliferous-stopping and developing level 2 (NQF Level 2)
- Non-artisan learnership winding engine driver (WED) L2

## 4.2 Trade test requirements:

- Trade Test Regulations,
- QCTO Assessment Policy and
- ARPL Guidelines

## 4.3 Skills programmes:

### MQA artisan aide Level 2 – All disciplines

- Candidates embarking on learning towards this skills programme must have ABET 4/NQF Level 1 or Grade 9 with English and mathematics or equivalent.
- Candidates embarking on the specific skills programme must have worked as an artisan assistant or artisan aide on the selected programme.
- Learners must have knowledge and understanding of hazard and risk assessment as prescribed by the MHSA

This MQA-accredited skills programme may be the ideal platform for obtaining credits towards the National Certificate in Engineering (NQF Level 2) and other engineering apprenticeship qualifications or related sub-fields.

### The following skills programmes are offered at ESTC:

- Fitting including machining- MQA/SP/0140/13
- Diesel mechanic – MQA/SP/0141/13
- Plater/welder – MQA/SP/0142/13
- Measurement control and instrumentation – MQA/SP/0143/13
- Rigger ropesman – MQA/SP/0144/13
- Electrical – MQA/SP/0145/13
- Medium voltage – MQA/SP/0128/10
- Onsetter training – MQA/SP/0163/16

## 4.4 Learnership and skills programme training

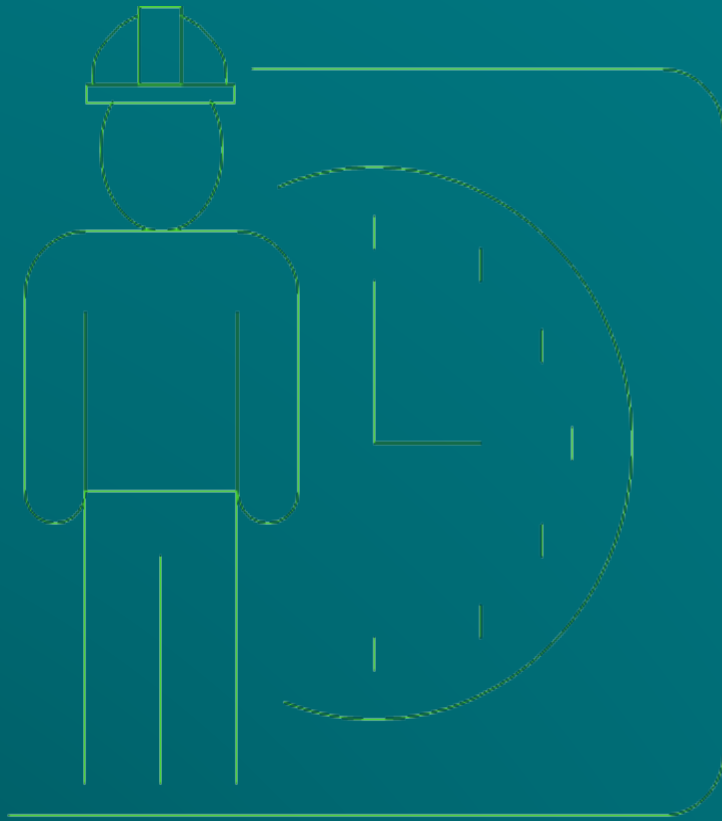
### Training

| Training Phase                                                       | Duration  | Intake 1                  | Intake 2                  | Intake 3             |
|----------------------------------------------------------------------|-----------|---------------------------|---------------------------|----------------------|
| <u>Occupational Qualification</u>                                    |           |                           |                           |                      |
| One-year training model                                              | ±230 Days | 12 Jan- 04 Dec 2026       | 29 Jun 2026- 25 Jun 2027  |                      |
| Six-month training model                                             | ±120 Days | 12 Jan -26 Jun 2026       | 29 Jun- 04 Dec 2026       |                      |
| Millwright Training Model                                            | ±305 Days | 12 Jan 2026 – 30 Apr 2027 | 29 Jun 2026 – 29 Oct 2027 |                      |
| Legacy training teach-out model.<br>Phase 4 & 6                      | ±75 Days  | 12 Jan – 24 Apr 2026      | 04 May- 21 Aug 2026       | 24 Aug- 04 Dec 2026  |
| Stope service person level 2                                         | ±98 Days  | 12 Jan – 22 May 2026      | 29 Jun – 30 Oct 2026      |                      |
| Electromechanical Leve 2                                             | ±98 Days  | 12 Jan – 22 May 2026      | 29 Jun – 30 Oct 2026      |                      |
| MQA artisan aide level 2 (electrical, instrumentation)               | ±98 Days  | 12 Jan – 22 May 2026      | 29 Jun – 30 Oct 2026      |                      |
| MQA artisan aide L 2(plating, rigging, fitting and diesel mechanics) | ±75 Days  | 12 Jan – 24 Apr 2026      | 04 May- 21 Aug 2026       | 24 Aug- 04 Dec 2026  |
| Planned maintenance                                                  | ±30 Days  | 26 Jan – 06 Mar 2026      | 01 Jun – 10 July 2026     |                      |
| Phase 1                                                              | ±15 Days  | 26 Jan – 13 Feb 2026      | 28 Apr – 15 May 2026      | 07 – 25 Sept 2026    |
| Engineering assistant level 1                                        |           |                           |                           |                      |
| Phase 2                                                              | ±30 Days  | 02 Mar – 10 Apr 2026      | 01 Jun – 10 Jul 2026      | 12 Oct – 20 Nov 2026 |
| Engineering assistant level 1                                        |           |                           |                           |                      |

### Engineering trades

| Electrical                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MC & I                                                                                                                                                                                                                                                                                                                                                                                                                                             | Rigging                                                                                                                                                                                                                                                                                                                                                                                                                        | Diesel mechanic                                                                                                                                                                                                                                     | Plating<br>Boiler making                                                                                                                                                                                                                                                                                         | Fitting                                                                                                                                                                                                          | Automotive electrician                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Baseline risk assessment</li> <li>• Basic electricity</li> <li>• Motor theory</li> <li>• Domestic and panel wiring</li> <li>• Single and three-phase circuits</li> <li>• Transformers</li> <li>• Cables</li> <li>• Fault finding</li> <li>• Motor starters</li> <li>• DC machines</li> <li>• Electronics</li> <li>• Installation tests</li> <li>• Energy meters</li> <li>• PLC</li> <li>• Electrical protection</li> </ul> Medium voltage | <ul style="list-style-type: none"> <li>• Baseline risk assessment</li> <li>• Pressure</li> <li>• Flow</li> <li>• Level</li> <li>• Temperature</li> <li>• Instrumentation</li> <li>• Drawings</li> <li>• Electronics</li> <li>• PLC</li> <li>• Final control elements</li> <li>• Programmable instrumentation</li> <li>• Process control &amp; automatic control loops</li> <li>• Fault finding</li> <li>• Process communication systems</li> </ul> | <ul style="list-style-type: none"> <li>• Baseline risk assessment</li> <li>• Rigging skills</li> <li>• Identify and use various types of ropes</li> <li>• Splicing</li> <li>• Inspection of ropes and equipment</li> <li>• Prepare hoist rope test specimen</li> <li>• Inspect a safety detachment hook</li> <li>• Erect a temporary platform/scaffold</li> <li>• Lift and move using various methods and equipment</li> </ul> | <ul style="list-style-type: none"> <li>• Baseline risk assessment</li> <li>• Introduction to basic diesel</li> <li>• Transmission of gearboxes</li> <li>• Wheel alignment</li> <li>• Diesel maintenance</li> <li>• Pneumatics</li> </ul> Hydraulics | <ul style="list-style-type: none"> <li>• Baseline risk assessment</li> <li>• Oxy acetylene cutting and welding</li> <li>• Grinding and tempering</li> <li>• Arc welding</li> <li>• Plate forming</li> <li>• Pipe developing and fabrication</li> <li>• Contour marking</li> <li>• MIG and TIG welding</li> </ul> | <ul style="list-style-type: none"> <li>• Baseline risk assessment</li> <li>• Introduction to basic fitting</li> <li>• Bearings</li> <li>• Turning</li> <li>• Milling</li> <li>• Pneumatics</li> </ul> Hydraulics | <ul style="list-style-type: none"> <li>• Baseline risk assessment</li> <li>• Stators</li> <li>• Alternators</li> <li>• Batteries</li> <li>• Electrical wiring</li> <li>• Generators</li> <li>• Solenoids</li> <li>• PLCs</li> <li>• Auto electrical circuits</li> <li>• Armatures</li> <li>• Rectifiers</li> <li>• Rotors</li> <li>• Regulators</li> </ul> |

5



## Specialised short courses



|                                                       |                                                                                                                                                       |                                                                 |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Legal knowledge OHSA operations – group based (coaching)</b><br><b>Freddie Rambuda – 082 736 5393</b>                                              | <b>Legal knowledge OHSA operations – group based (revision)</b> |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                     |                                                                 |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                           |                                                                 |
| <b>Duration</b>                                       | Three days                                                                                                                                            | Two days                                                        |
| <b>No of candidates</b>                               | <b>45</b>                                                                                                                                             | <b>45</b>                                                       |
| <b>objectives</b>                                     | Prepare candidates for Occupational Health and Safety Act exam                                                                                        |                                                                 |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Interpret and understand</li> <li>• Duties imposed by Occupational Health and Safety Act – part A</li> </ul> |                                                                 |
| <b>Date</b>                                           | <b>Rustenburg</b><br><br>23-25/02/2026<br>11-13/08/2026                                                                                               | 08-09/04/2026<br>26-27/10/2026                                  |

|                                  |                                                |               |                            |
|----------------------------------|------------------------------------------------|---------------|----------------------------|
| <b>Training programme (name)</b> | <b>OHSA Conversion- Group Based (Smelters)</b> |               |                            |
| <b>Date</b>                      | Rustenburg                                     | 11-13/05/2026 | Exam- Open book 18/05/2026 |

|                                                       |                                                                                                                                               |                                                               |                                                      |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Legal knowledge MHSA coaching foreman (part A)</b><br><b>Freddie Rambuda – 082 736 5393</b>                                                |                                                               |                                                      |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                             |                                                               |                                                      |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                   |                                                               |                                                      |
| <b>Duration</b>                                       | Four days                                                                                                                                     |                                                               |                                                      |
| <b>No of candidates</b>                               | <b>ESTC- 25</b>                                                                                                                               | <b>Polokwane - 25</b>                                         | <b>Amandelbult - 25</b>                              |
| <b>objectives</b>                                     | Prepare candidates for Mine Health and Safety Act exam                                                                                        |                                                               |                                                      |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Interpret and understand</li> <li>• Duties imposed by Mine Health and Safety Act – part A</li> </ul> |                                                               |                                                      |
| <b>Date</b>                                           | <b>ESTC</b><br>02-05/02/2026<br>03-06/08/2026                                                                                                 | <b>Polokwane Co-located</b><br>16-19/02/2026<br>17-20/08/2026 | <b>Amandelbult</b><br>02-05/02/2026<br>03-06/08/2026 |

|                                                       |                                                                                                             |                                                                  |                                                      |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Engineering standards coaching foreman (part B)</b>                                                      |                                                                  |                                                      |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                           |                                                                  |                                                      |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul> |                                                                  |                                                      |
| <b>Duration</b>                                       | Four days                                                                                                   |                                                                  |                                                      |
| <b>No of candidates</b>                               | <b>ESTC- 25</b>                                                                                             | <b>Polokwane - 25</b>                                            | <b>Amandelbult - 25</b>                              |
| <b>objectives</b>                                     |                                                                                                             |                                                                  |                                                      |
| <b>Learning outcomes (critical content and tasks)</b> | Interpret and understand.<br>Duties imposed by Group Engineering Standards – part AB                        |                                                                  |                                                      |
| <b>Date</b>                                           | <b>ESTC</b><br>02-05/03/2026<br>24-27/08/2026                                                               | <b>Polokwane Co-located</b><br>16-19/03/2026<br>31/08-03/09/2026 | <b>Amandelbult</b><br>02-05/03/2026<br>24-27/08/2026 |

|                                                       |                                                                                                                                              |                                                               |                                                      |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Full-Time Revision (parts A and B)</b>                                                                                                    |                                                               |                                                      |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                            |                                                               |                                                      |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                  |                                                               |                                                      |
| <b>Duration</b>                                       | Four days                                                                                                                                    |                                                               |                                                      |
| <b>No of candidates</b>                               | <b>ESTC- 25</b>                                                                                                                              | <b>Polokwane - 25</b>                                         | <b>Amandelbult - 25</b>                              |
| <b>objectives</b>                                     | Prepare candidates for Mine Health and Safety Act exam<br>Prepare candidates for Mine Standard exam                                          |                                                               |                                                      |
| <b>Learning outcomes (critical content and tasks)</b> | Interpret and understand<br>Duties imposed by Mine Health and Safety Act - Part A.<br>Duties imposed by Group Engineering Standards – part B |                                                               |                                                      |
| <b>Date</b>                                           | <b>ESTC</b><br>20-23/04/2026<br>05-08/10/2026                                                                                                | <b>Polokwane Co-located</b><br>04-07/05/2026<br>19-22/10/2026 | <b>Amandelbult</b><br>20-23/04/2026<br>05-08/10/2026 |

|                                  |                                      |
|----------------------------------|--------------------------------------|
| <b>Training programme (name)</b> | <b>Exam application closing date</b> |
| <b>Date</b>                      | 17/04/2026<br>02/10/2026             |

|                                                       |                                                                                                             |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Examination (parts A and B)</b><br><b>Freddie Rambuda-082 736 5393</b>                                   |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                           |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul> |
| <b>Duration</b>                                       | One day                                                                                                     |
| <b>No of candidates</b>                               | <b>95</b>                                                                                                   |
| <b>objectives</b>                                     | Determine if candidates prepared for Mine Health and Safety Act and Group Engineering Standards exams       |
| <b>Learning outcomes (critical content and tasks)</b> | Competency determined by written examination                                                                |
| <b>Date</b>                                           | 29/05/2026<br>13/11/2026                                                                                    |

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Basic winders</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Minimum entry requirement</b>                      | Artisans (electrical, instrumentation, millwright) and junior engineers                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>No of candidates</b>                               | <b>20</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>objectives</b>                                     | Artisans will be equipped with knowledge and skills of operation and maintenance of a basic winder                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will have ability in:</p> <ul style="list-style-type: none"> <li>• Winder brakes</li> <li>• DC/AC motors</li> <li>• Power correction</li> <li>• Controllers: <ul style="list-style-type: none"> <li>• Rotorvar, Statorvar</li> <li>• Rectivar</li> <li>• DC-analogue</li> <li>• AC-cycle</li> </ul> </li> <li>• Safety CCT: <ul style="list-style-type: none"> <li>• Mains</li> <li>• Back up</li> <li>• Lock out</li> <li>• Lilly</li> <li>• Maintenance</li> <li>• Regulations</li> </ul> </li> </ul> |
| <b>Date</b>                                           | 14-16 /01/2026<br>03-05/06/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>DC winders</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Minimum entry requirement</b>                      | Basic winder course                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>No of candidates</b>                               | <b>20</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>objectives</b>                                     | Artisans will be equipped with knowledge of what a DC winder system consists of, importance and operation of each of the sub-systems as well as the fundamental principles involved                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Know what types of drives are used on winders and principles of operation of each driver</li> <li>• Know how speed control is achieved with the different types of drives</li> <li>• Know how control is achieved and understand the basic terminology</li> <li>• Know what types of electrical and electronic equipment or devices are used to achieve closed-loop control and know what types of safety circuits and devices there are and the function of each</li> </ul> |
| <b>Date</b>                                           | 25-27/03/2026<br>05-07/08/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>AC winders</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Minimum entry requirement</b>                      | Basic winder course                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>No of candidates</b>                               | <b>20</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>objectives</b>                                     | Artisans will be equipped with basic winder system troubleshooting knowledge and techniques                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Know what an AC winder system consists of and understand the importance and operation of each sub-system as well as the fundamental principles involved</li> <li>• Know what types of drives are used on winders and principles of operation of each driver</li> <li>• Know how speed control is achieved with the different types of drives</li> <li>• Know how control is achieved and understand the basic terminology</li> <li>• Know what types of electrical and electronic equipment or devices are used to achieve closed-loop control</li> <li>• Know what types of safety circuits and devices there are and the function of each</li> </ul> |
| <b>Date</b>                                           | 25-27/02/2026<br>01-03/07/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Conveyor belt theory and repair techniques</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                     |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                                                                                                                                                                                                                                                                                  |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>No of candidates</b>                               | <b>24</b>                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Understanding the theory of conveyor belts</li> </ul> Splice a belt                                                                                                                                                                                                                                                                                                 |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Understand the basic theory of material handling using conveyor belts</li> <li>• Identify types of conveyor belts and construction materials</li> <li>• Identify various applications for belt types</li> <li>• Store, handle and install conveyor belts</li> <li>• Appreciate costs of damages to conveyor belts</li> <li>• Understand splicing methods</li> </ul> |
| <b>Date</b>                                           | 13-15/04/2026<br>03-05/08/2026                                                                                                                                                                                                                                                                                                                                                                               |

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| <b>Training programme (name)</b>                      | <b>Water treatment technology</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                              |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                                                                                                                                     |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Fitters</li> <li>• Junior engineers</li> </ul>                                                                                                                                                                               |
| <b>Duration</b>                                       | One day                                                                                                                                                                                                                                                               |
| <b>No of candidates</b>                               | <b>20</b>                                                                                                                                                                                                                                                             |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Understand the effect of contaminants on pump life</li> <li>• Identify filtration and purification methods Understand methods of chemical addition</li> </ul>                                                                |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Methods of chemical addition</li> <li>• Safety aspects of chemicals including storage</li> <li>• Pumping contaminated water</li> <li>• Methods to purify water</li> <li>• Identifying water treatment terminology</li> </ul> |
| <b>Date</b>                                           | 15/07/2026                                                                                                                                                                                                                                                            |

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| <b>Training programme (name)</b>                      | <b>RCL-NET-INTRO (introduction to industrial networks)</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Instrument Mechanician</li> <li>• Instrument technician</li> <li>• Instrument foremen</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Describe the various industrial networking options and terminology</li> <li>• Install and configure simple networks including interface modules, software and cables</li> <li>• Configure and troubleshoot</li> <li>• Install and address various sensor and field devices including third-party devices</li> <li>• Troubleshoot and repair basic industrial network</li> </ul>                                                                                                                                                                          |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• The course introduces PROFIBUS, PROFINET and actuator-sensor interface (AS-I) networks within an automation system</li> <li>• Delegates will enhance skills with basic network installations, configurations and troubleshooting</li> <li>• This course covers sensor, field networks including hardware and software requirements, and installation rules</li> <li>• Specific network protocols are discussed and are used to learn of configuration and parameterisation requirements</li> <li>• Specific communication processors reviewed</li> </ul> |
| <b>Date</b>                                           | 22-24/04/2026<br>20-22/07/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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| <b>Training programme (name)</b>                      | <b>RCL-NET-ETHERNET (industrial ethernet system course)</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Instrument Mechanician</li> <li>• Instrument technician</li> <li>• Instrument foremen</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Introduction to SIMATIC Net industrial ethernet</li> <li>• Project planning and configuration of the ethernet CP</li> <li>• Information security in industrial communications</li> <li>• Industrial wireless LAN</li> <li>• Overview and introduction to PROFINET technology</li> <li>• Configuring of PROFINET IO networks</li> <li>• Network router (IE-PB link) from PROFINET IO to PROFIBUS DP</li> <li>• Structure, start-up and diagnostics of a PROFINET IO network</li> <li>• Function test of the PROFINET IO network</li> </ul> |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Course attendees will learn how to design, set up and commission an industrial ethernet (PROFINET) network. The course uses a hands-on practical approach to reinforce the theoretical aspects of the training</li> </ul>                                                                                                                                                                                                                                                                                                                 |
| <b>Date</b>                                           | 18-20/05/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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| <b>Training programme (name)</b>                      | <b>RCL-NET-PROFIBUS (PROFIBUS system course)</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Instrument Mechanician</li> <li>• Instrument technician</li> <li>• Instrument foremen</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• PROFIBUS fundamentals in accordance with EN50170/IEC 61158</li> <li>• Overview of PROFIBUS devices and network components</li> <li>• Connectors, tools, laying</li> <li>• PROFIBUS diagnostics</li> <li>• Connecting an HMI device to PROFIBUS</li> <li>• Troubleshooting</li> </ul>                                                                                                                                                                                                                                                                                                               |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• The essential theoretical fundamentals of PROFIBUS protocols and services are taught. You will learn how to use the tools for start-up, service, testing and diagnostics</li> <li>• Learn the different methods of setting up PROFIBUS networks (RS 485 network components, fibre optics). You will reinforce your theoretical knowledge with numerous practical exercises on PLC devices with HMI components</li> <li>• On completion of this practice-orientated course, you will be able to install and optimise a PROFIBUS DP network, and you can limit and correct faults quickly</li> </ul> |
| <b>Date</b>                                           | 12-16/10/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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| <b>Training programme (name)</b>                      | <b>RCL-SCADA (SCADA control system – WinCC)</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                 |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                                                                                                                                                                                      |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Instrument Mechanician</li> <li>• Instrument technician</li> <li>• Instrument foremen</li> </ul>                                                                                                                                                                              |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                              |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                                                              |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• WinCC system overview</li> <li>• Creating a new project</li> <li>• Using the graphics designer</li> <li>• Making objects dynamic</li> <li>• Object C scripting</li> <li>• Alarm logging and messages</li> <li>• Archiving and trending</li> <li>• Reports designer</li> </ul> |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• This course will enable engineering and maintenance personnel to design and configure automation systems using Siemens Windows Control Centre (WinCC)</li> </ul>                                                                                                              |
| <b>Date</b>                                           | 09-13/11/2026                                                                                                                                                                                                                                                                                                          |

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| <b>Training programme (name)</b>                      | <b>Gas solutions (Afrox)</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Duration</b>                                       | Two days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• To create a safe work environment by highlighting the importance of safe use, maintenance and storage of gas, gas equipment and gas-related processes.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Understand and be able to practise safe use, handling and storage of gases</li> <li>• Understand and be able to practise safe use of oxy-fuel and welding equipment</li> <li>• Understand and be able to develop and practise safe workshop procedures</li> <li>• Understand and be able to correctly use personal protection equipment</li> <li>• Understand and be able to conduct safety audits on gases, equipment used with gas and gas- related processes</li> <li>• Understand and be able to implement the SANS/ISO-related codes of practice in the workplace</li> </ul> |
| <b>Date</b>                                           | 05-06/05/2026<br>12-13/08/2026<br>03-04/11/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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| <b>Training programme (name)</b>                      | <b>Gas safety seminar</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>No of candidates</b>                               | <b>20</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• The participant will be able to apply the basic principles to the handling of gas cutting and welding equipment</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Gauge less regulators – pressure settings incorrect</li> <li>• Misuse of gas equipment</li> <li>• Live demonstrations on approved gas safety devices</li> <li>• Contamination of multistage and single stage regulators</li> <li>• LPG regulator installed on acetylene cylinder – working pressures excessive</li> <li>• Flashbacks on old and worn equipment</li> <li>• Damaged bullnose on regulator caused by dropping – leaking gas causing explosion, bodily harm and damage to property</li> <li>• Lubrication used on gas equipment – chemical reaction</li> </ul> |
| <b>Date</b>                                           | 16-20/03/2026<br>05-09/10/2026<br>13-17/07/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |



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| <b>Training programme (name)</b>                      | <b>RCL-PLC intro</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                  |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                                                                                                                                            |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                                                                                                                                                  |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                   |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                    |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Use and maintain SIMATIC S7 programmable controllers, course for beginners</li> </ul>                                                                                                                                               |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Intro to Generic PLC Theory</li> <li>• Numbers Processing</li> <li>• Basic instructions (AND, OR, NOT, NAND, XOR)</li> <li>• Programming using LOGO</li> <li>• LOGO! Soft Comfort</li> <li>• LOGO! programming and tasks</li> </ul> |
| <b>Date</b>                                           | 07-09/04/2026                                                                                                                                                                                                                                                                |

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| <b>Training programme (name)</b>                      | <b>RCL-PLC-ONE</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                                                                                | <b>RCL-PLC-TWO</b> |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                                                                                                                                                                                                                                                                                                              |                    |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Use and maintain SIMATIC S7 programmable controllers</li> </ul>                                                                                                                                                                                                                                                                                                                                 |                    |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Debugging a programme</li> <li>• Binary operations and "gates"</li> <li>• Counters and timers</li> <li>• Rewiring of programmes</li> <li>• Hardware handling</li> <li>• Commissioning and monitoring or modifying variables</li> <li>• Linear and structured programming techniques</li> <li>• The SIMATIC S7 system family</li> <li>• STEP 7 installation techniques and components</li> </ul> |                    |
| <b>Date</b>                                           | 02-06/03/2026                                                                                                                                                                                                                                                                                                                                                                                                                            | 04-08/05/2026      |

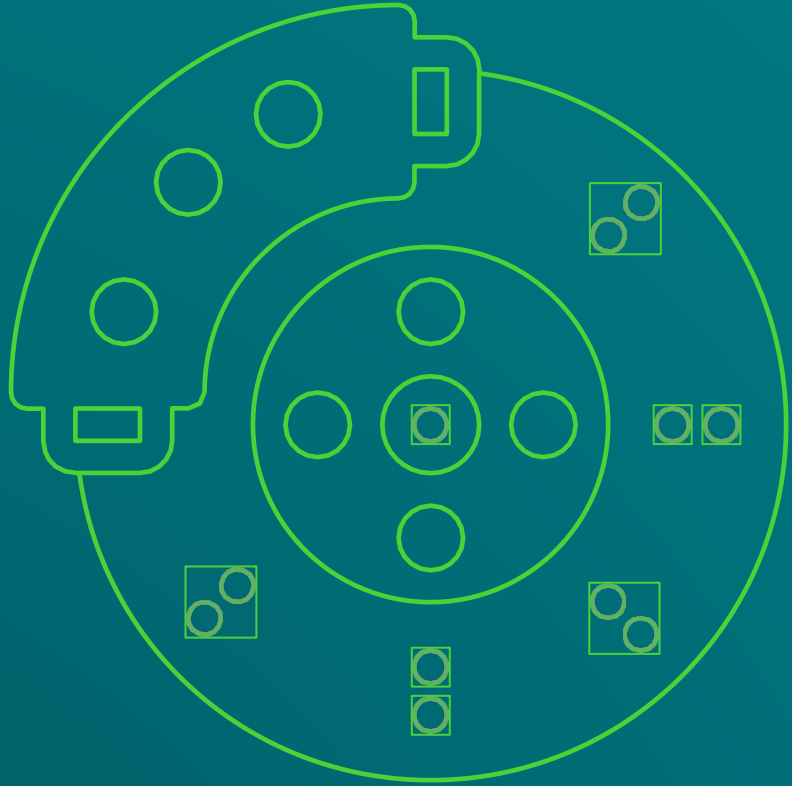
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| <b>Training programme (name)</b>                      | <b>RCL-PLC-PROG- ONE</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>RCL-PLC-PROG-TWO</b> |
| <b>Minimum entry requirement</b>                      | Successful completion of ST-7PRO1 or ST-7SERV2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                         |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                         |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Advance programming techniques and easily solve complex programming problems</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Status bit-dependend instruction</li> <li>• Accumulator function and word logic</li> <li>• Instruction with real numbers</li> <li>• Indirect addressing and address register numbers</li> <li>• Structure of pointers with memory indirect addressing</li> <li>• STEP 7 data types and variables</li> <li>• Using libraries and system function</li> <li>• Data block arrays and structures</li> <li>• Handling synchronous and asynchronous errors</li> <li>• S7-GRAPH, S7-HIGRAPH software packages</li> <li>• Engineering tools for S7/M7</li> <li>• SIMATIC S7-400&amp;400H</li> </ul> |                         |
| <b>Date</b>                                           | 13-17/04/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 08–12/06/2026           |

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| <b>Training programme (name)</b>                      | <b>Business-Centered Management</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  |                                   |
| <b>Minimum entry requirement</b>                      | Qualified artisan                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |                                   |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                     |                                  |                                   |
| <b>Duration</b>                                       | Four days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                  |                                   |
| <b>No of candidates</b>                               | <b>20</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                  |                                   |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• The participant will be able to be competent to develop, implement and sustain a reliability-based maintenance programme</li> <li>• Understand how to reduce life cycle support costs by eliminating the adverse effects of poor design on maintenance and logistics</li> <li>• Measure the effectiveness of maintenance management and its related computerised maintenance management system ('CMMS' such as SAP PM) in your organisation</li> </ul> |                                  |                                   |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Maintenance assessment</li> <li>• Early equipment management and failure prevention</li> <li>• Business-centred maintenance TRACC (implementation guidelines)</li> <li>• Focused improvement programme</li> <li>• Continuous improvement</li> <li>• Introduction to business-centred maintenance</li> <li>• Business-centred maintenance tasks</li> <li>• Developing the maintenance programme (Fast-TRACC RCM)</li> </ul>                             |                                  |                                   |
| <b>Date</b>                                           | <b>ESTC</b><br>09-12/03/2026<br>11-14/05/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Rustenburg</b><br>13-16/07/26 | <b>Polokwane</b><br>05-08/10/2026 |

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| Training programme (name)                      | <b>Winder brake systems (hydraulic)</b><br><b>Freddie Rambuda-082 736 5393</b>                                        |
| Minimum entry requirement                      | Qualified artisan                                                                                                     |
| Target population                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>           |
| Duration                                       | Two days                                                                                                              |
| No of candidates                               | <b>20</b>                                                                                                             |
| objectives                                     | <ul style="list-style-type: none"> <li>• Understand the hydraulic brake systems on winders</li> </ul>                 |
| Learning outcomes (critical content and tasks) | <ul style="list-style-type: none"> <li>• Practise construction of a winder brake system on training boards</li> </ul> |
| Date                                           | 09-10/04/2026<br>01-02/10/2026                                                                                        |

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| Training programme (name)                      | <b>Driving Results</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                                                                                                                                                                                                       |                                                        |                                   |                              |
| Minimum entry requirement                      | Qualified artisan, Process Operator/Supervisor                                                                                                                                                                                                                                                                                                      |                                                        |                                   |                              |
| Target population                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                                                                                                                                                                                                                         |                                                        |                                   |                              |
| Duration                                       | Four days                                                                                                                                                                                                                                                                                                                                           |                                                        |                                   |                              |
| No of candidates                               | <b>20</b>                                                                                                                                                                                                                                                                                                                                           |                                                        |                                   |                              |
| objectives                                     | <ul style="list-style-type: none"> <li>• Supervisory Development</li> </ul>                                                                                                                                                                                                                                                                         |                                                        |                                   |                              |
| Learning outcomes (critical content and tasks) | <ul style="list-style-type: none"> <li>• Supervise a team to achieve work objectives using visual management practices.</li> <li>• Manage team performance and address variances.</li> <li>• Solve problems using a range of techniques</li> <li>• Create a profit and loss statement</li> <li>• Lead evidence in a disciplinary enquiry</li> </ul> |                                                        |                                   |                              |
| Date                                           | <b>ESTC</b><br>23-26/02/2026                                                                                                                                                                                                                                                                                                                        | <b>Rustenburg</b><br>18-21/05/2026<br>28/09-01/10/2026 | <b>Polokwane</b><br>23-26/03/2026 | <b>Unki</b><br>27-30/07/2026 |

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| <b>Training programme (name)</b>                      | <b>Change and Adaptability</b><br><b>Freddie Rambuda-082 736 5393</b>                                                                                                |                                                     |                                   |                              |
| <b>Minimum entry requirement</b>                      | Qualified artisan, Process Operator/Supervisor                                                                                                                       |                                                     |                                   |                              |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Junior engineers</li> </ul>                                                          |                                                     |                                   |                              |
| <b>Duration</b>                                       | four days                                                                                                                                                            |                                                     |                                   |                              |
| <b>No of candidates</b>                               | <b>17</b>                                                                                                                                                            |                                                     |                                   |                              |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Understanding the concept of emotional Intelligence (EQ)</li> </ul>                                                         |                                                     |                                   |                              |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Emotional Intelligence</li> <li>• Leading change and change management</li> <li>• Workplace psychological safety</li> </ul> |                                                     |                                   |                              |
| <b>Date</b>                                           | <b>ESTC</b><br>16-19/03/2026                                                                                                                                         | <b>Rustenburg</b><br>27-30/07/2026<br>14-17/09/2026 | <b>Polokwane</b><br>08-11/06/2026 | <b>Unki</b><br>23-26/02/2026 |

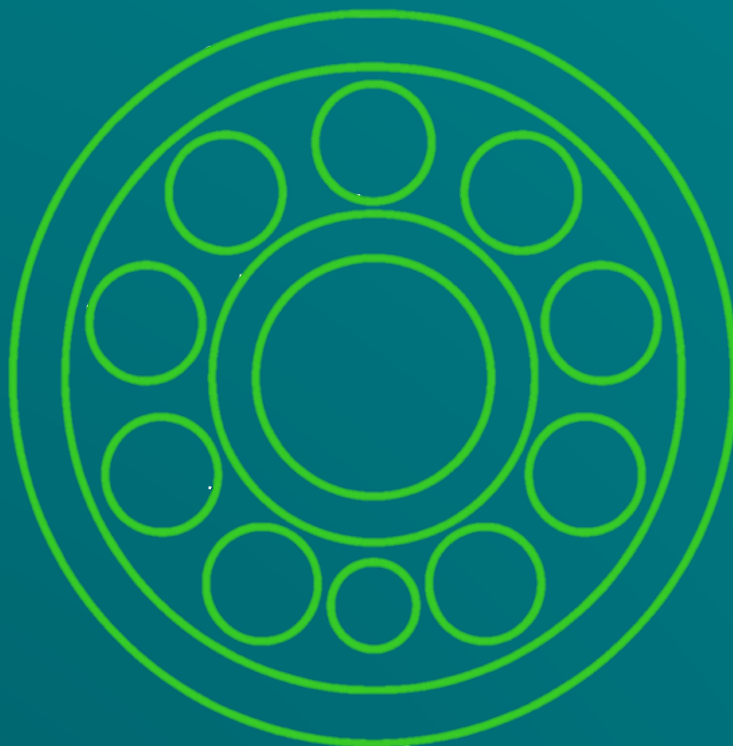


6

## Diesel mechanic short courses

|                                                       |                                                                                                                                                                                                              |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Air &amp; Hydraulic brake systems</b><br><b>Kgabo Makhabane - 066 361 6585</b>                                                                                                                            |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Basic pneumatics</li> <li>• Trade certificate</li> </ul>                                                                                                            |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> </ul>                                                                                                                              |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                    |
| <b>No of candidates</b>                               | <b>10</b>                                                                                                                                                                                                    |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• To equip artisans with air brake system knowledge and skills for repairing and servicing vehicles underground and on surface</li> </ul>                             |
| <b>Learning outcomes (critical content and tasks)</b> | The participant will be able to: <ul style="list-style-type: none"> <li>• Interpret and understand an air flow circuit</li> <li>• Construct a circuit</li> <li>• Identify faults in fault finding</li> </ul> |
| <b>Date</b>                                           | 23-27/03/2026<br>03-07/08/2026<br>02-06/11/2026                                                                                                                                                              |

|                                                       |                                                                                                                                                                                   |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Wheel Alignment</b><br><b>Kgabo Makhabane 066 361 6585</b>                                                                                                                     |
| <b>Minimum entry requirement</b>                      | Trade Certificate                                                                                                                                                                 |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> </ul>                                                                                                   |
| <b>Duration</b>                                       | Three days                                                                                                                                                                        |
| <b>No of candidates</b>                               | <b>10</b>                                                                                                                                                                         |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• To equip candidates with Principles of wheel alignment skills to: Do Calculations relating to wheel alignment and wheel speed</li> </ul> |
| <b>Learning outcomes (critical content and tasks)</b> | The participant will be able to: <ul style="list-style-type: none"> <li>• Conduct wheel alignment according to manufacturer's specifications</li> </ul>                           |
| <b>Date</b>                                           | 28-30/01/2026<br>24-26/06/2026<br>16-18/09/2026                                                                                                                                   |



# Fitting and turning short courses

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Roller bearings</b><br><b>Kgabo Makhabane 066 361 6585</b>                                                                                                                                                                                                                                                                                                                                                            |
| <b>Minimum entry requirement</b>                      | Trade Certificate                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                     |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• To equip artisans with roller bearing knowledge and skills.</li> </ul>                                                                                                                                                                                                                                                                                                          |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Identify all roller bearings</li> <li>• Understand the reason for selection of roller bearings vs other bearings</li> <li>• Understand the care, storage and correct installation procedures of roller bearings</li> <li>• Understand maintenance requirements</li> <li>• Identify examples and reasons for bearing failures</li> </ul> |
| <b>Date</b>                                           | 04- 06/02/2026<br>21 - 23/10/2026                                                                                                                                                                                                                                                                                                                                                                                        |

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|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Alignment refresher</b><br><b>Kgabo Makhabane-066 361 6585</b>                                                                                                                                                                                            |
| <b>Minimum entry requirement</b>                      | Trade Certificate                                                                                                                                                                                                                                            |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> </ul>                                                                                                                                                                              |
| <b>Duration</b>                                       | Four days                                                                                                                                                                                                                                                    |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                    |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans will be equipped with alignment knowledge and skills</li> </ul>                                                                                                                                            |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Align V-belt drives</li> <li>• Align chain drives</li> <li>• Align fluid drive couplings</li> <li>• Align tyre couplings</li> <li>• Align pin and bush couplings</li> </ul> |
| <b>Date</b>                                           | 17 - 20/03/2026<br>14- 17/ 07/ 2026                                                                                                                                                                                                                          |



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|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Basic hydraulics</b><br><b>Kgabo Makhabane-066 361 6585</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Minimum entry requirement</b>                      | Trade Certificate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans will be equipped with basic hydraulic knowledge and skills</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Understand the basic principles and theory of hydraulics including hydraulic safety</li> <li>• Identify hydraulic schematic symbols and understand their application</li> <li>• Understand hydraulic circuit operation</li> <li>• Understand planned maintenance associated with hydraulic components</li> <li>• Understand construction of industrial circuits</li> <li>• Practise circuit construction on training panels</li> </ul> <p>Practise circuit construction on training panels</p> |
| <b>Date</b>                                           | 26-30/01/2026<br>27-31/07/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Basic pneumatics</b><br><b>Kgabo Makhabane 066 361 6585</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Minimum entry requirement</b>                      | Trade Certificate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans will be equipped with basic pneumatic knowledge and skills</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Understand basic principles and theory of pneumatics</li> <li>• Overview and safety</li> <li>• Air treatment devices</li> <li>• Cylinder and valve operations</li> <li>• "Wet-screw" rotary-type compressors</li> <li>• Reciprocating compressors</li> <li>• Identify pneumatic symbols and understand their application</li> <li>• Understand pneumatic circuit operation</li> <li>• Understand construction of industrial circuits</li> <li>• Understand planned maintenance</li> <li>• Identify motion diagrams and design of a cascade circuit diagram</li> <li>• Fault finding different circuits</li> </ul> <p>Practise advanced circuit construction on training panels</p> |
| <b>Date</b>                                           | 09-13/03/2026<br>28/09 – 02/10/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

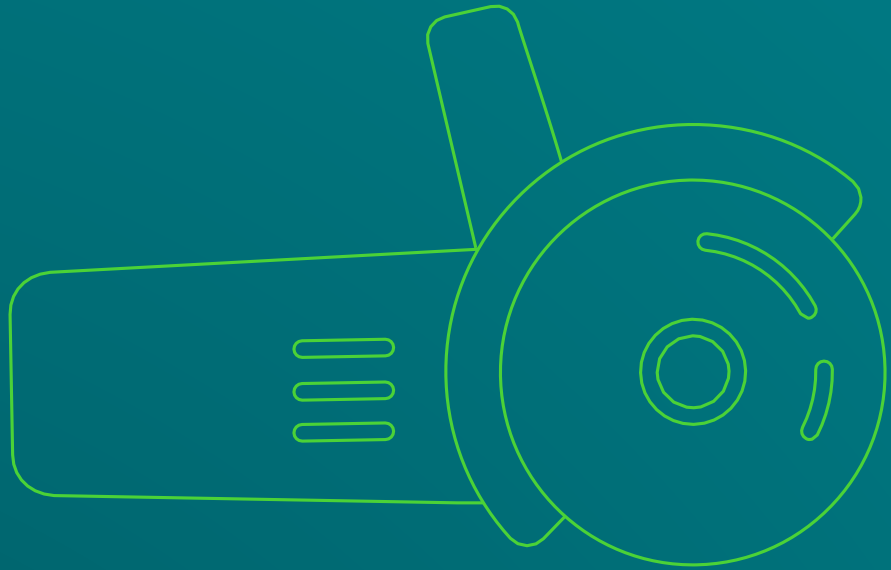
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|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Electro-pneumatics</b><br><b>Kgabo Makhabane-066 361 6585</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Basic pneumatic course</li> <li>• Basic electrical course</li> </ul> Trade Certificate                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>No of candidates</b>                               | <b>10</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans, foremen, trainee engineers, engineers and</li> <li>• Instrument Mechanician, and</li> <li>• Technicians will be equipped with electro-pneumatic knowledge and skills</li> </ul>                                                                                                                                                                                                                                                                                                                                  |
| <b>Learning outcomes (critical content and tasks)</b> | The participant will be able to: <ul style="list-style-type: none"> <li>• Understand electrical principles</li> <li>• Identify and understand electro-pneumatic symbols</li> <li>• Understand control methods (electro-pneumatics)</li> <li>• Understand fault finding procedures</li> <li>• Practice electrical and pneumatic elements (relays, valves) hands on</li> <li>• Understand electronic sensors and typical industrial circuits (hands on)</li> <li>• Coordinate sequence controls</li> </ul> Practical advanced circuit construction on training panels |
| <b>Date</b>                                           | 06-10/04/2026<br>26-30/10/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Fluid and Centrifugal Pumps</b><br><b>Kgabo Makhabane-066 361 6585</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Minimum entry requirement</b>                      | Trade Certificate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans will be equipped with fluid pump knowledge and skills.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Learning outcomes (critical content and tasks)</b> | The participant will be able to: <ul style="list-style-type: none"> <li>• Understand construction of slurry pumps</li> <li>• Maintain and install slurry pumps</li> <li>• Understand pump efficiency, monitoring and troubleshooting</li> <li>• Identify pump capacities</li> <li>• Differentiate between Hydroseal versus Centriseal</li> <li>• Understand adjustments on Centrifugal pumps.</li> <li>• Stripping and assembling of centrifugal pumps.</li> </ul> Fault finding on Centrifugal pumps. |
| <b>Date</b>                                           | 30/03 - 01/04/2026<br>12 -14/08/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Hydraulics systems trouble shooting</b><br><b>Kgabo Makhabane 066 361 6585</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Trade Certificate</li> <li>Basic hydraulics course</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans will be equipped with hydraulics systems troubleshooting knowledge and techniques</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Isolate a hydraulic system</li> <li>• Maintain a hydraulic system safely and correctly</li> <li>• Understand basic principles of cartridge valves</li> <li>• Understand cartridge valve functions and operation</li> <li>• Identify troubleshooting techniques</li> <li>• Isolate faults by systematically eliminating possibilities</li> <li>• Maintain control through good maintenance</li> <li>• Understand preventative maintenance routines</li> </ul> <p>Practical fault finding on training panels</p> |
| <b>Date</b>                                           | <p>23-27/02/2026</p> <p>24-28/08/2026</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Electro-hydraulics</b><br><b>Kgabo Makhabane-066 361 6585</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Basic hydraulic course</li> <li>• Basic electrical course</li> <li>• Trade Certificate</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>No of candidates</b>                               | <b>10</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans, foremen, trainee engineers and engineers</li> <li>• will be equipped with electro-hydraulic knowledge and skills</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Understand electrical principles</li> <li>• Identify and understand electro-hydraulic symbols</li> <li>• Identify and understand electrical symbols</li> <li>• Understand control methods (electro-hydraulics)</li> <li>• Understand fault finding procedures</li> <li>• Practice electrical and hydraulic elements (relays, valves) hands on</li> <li>• Understand electronic sensors and typical industrial circuits (hands on)</li> <li>• Coordinate sequence controls</li> </ul> <p>Practical advanced circuit construction on training panels</p> |
| <b>Date</b>                                           | <p>25-29/05/2026</p> <p>09-13/11/2026</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|
| <b>Training programme (name)</b>                      | <b>Electro-proportional hydraulics</b><br><b>Kgabo Makhabane 066 361 6585</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                           |  |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Basic hydraulic course</li> <li>• Basic electrical course</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Electro-hydraulic course</li> <li>• Trade Certificate</li> </ul> |  |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                           |  |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                           |  |
| <b>No of candidates</b>                               | <b>8</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                           |  |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• To equip artisans, foremen, trainee engineers and engineers</li> <li>• with electro-proportional hydraulic knowledge and skills</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                           |  |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Understand the principles of proportional hydraulics</li> <li>• Understand proportional valves, design and mode of operation</li> <li>• Understand characteristic curves and parameters</li> <li>• Understand the setting of amplifier and set point value specification</li> <li>• Understand switching examples using proportional valves: <ul style="list-style-type: none"> <li>• Speed control</li> <li>• Leakage prevention</li> <li>• Positioning</li> <li>• Energy saving</li> </ul> </li> <li>• Understand electronic sensors and electro-hydraulic symbols</li> <li>• Calculate motion sequence for a hydraulic cylinder drive</li> </ul> <p>Practical advanced circuit construction on training panels, using electrical and proportional elements (relays, sensors, valves) hands on</p> |                                                                                                           |  |
| <b>Date</b>                                           | 22-26/06/2026<br>16-20/11/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                           |  |



8

## Plater/boilermaker and welder short courses

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|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Advanced plating contour marking</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                                                                                                                                                                   |
| <b>Minimum entry requirement</b>                      | Boiler maker welder trade certificate                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> </ul>                                                                                                                                                                                                                                                                                                                                    |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• To measure, do calculations to fabricate pipes</li> </ul>                                                                                                                                                                                                                                                                                                                 |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Use a centre finder and a contour marker</li> <li>• Understand calculations of different types of pipes</li> <li>• Fabricate different types of pipes</li> <li>• Understand pipe cutting techniques</li> <li>• Understand how to obtain sizes for pipes to be fabricated</li> </ul> <p>Fabricate pipe offset, T-piece, Y-piece, sweep-T 90°, pipe lateral equal sizes</p> |
| <b>Date</b>                                           | 08- 12/06/2026                                                                                                                                                                                                                                                                                                                                                                                                     |

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|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Advanced plating developing</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                         |
| <b>Minimum entry requirement</b>                      | Basic development theory: boilermaker welder trade certificate                                                                                                                                                                                                      |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> </ul>                                                                                                                                                                                     |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                           |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                           |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• To use drawing equipment and drawing methods to draw and develop chutes and plating templates</li> </ul>                                                                                                                   |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Use drawing equipment effectively</li> <li>• Interpret drawings</li> <li>• Approach and apply the three drawing methods</li> <li>• Develop and fabricate chutes (hoppers)</li> <li>• Develop and make templates</li> </ul> |
| <b>Date</b>                                           | 18-22/05/2026                                                                                                                                                                                                                                                       |

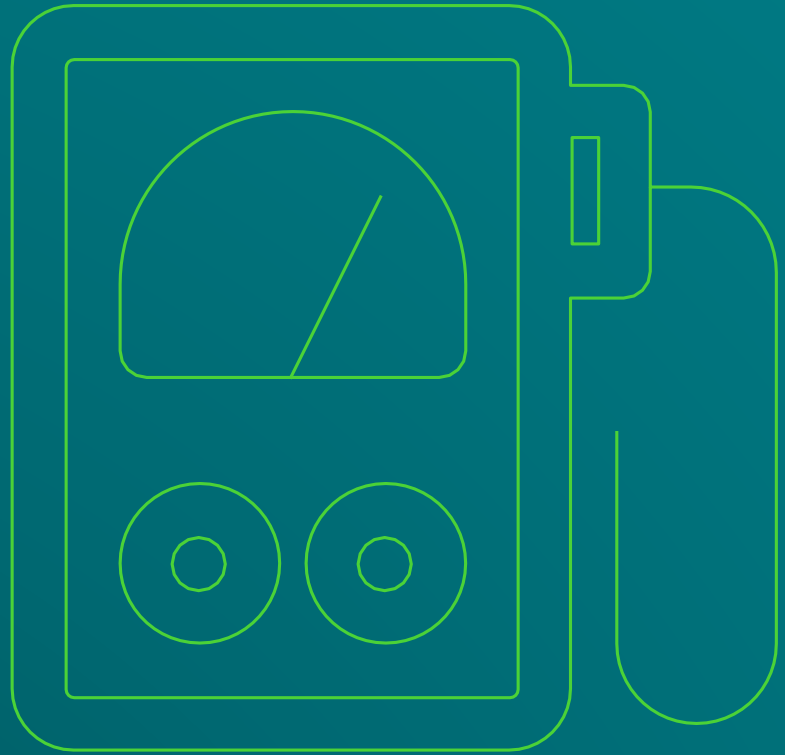
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|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Advanced Arc Welding</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                                                 |
| <b>Minimum entry requirement</b>                      | Boilermaker welder trade certificate                                                                                                                                                                                                                                                 |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> </ul>                                                                                                                                                                                                      |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                            |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                            |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• To perform various welding positions and joints</li> </ul>                                                                                                                                                                                  |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Use various welding techniques</li> <li>• Weld various fillet and groove weld positions or joints</li> <li>• Weld a vertical-up butt joint</li> <li>• Weld a overhead fillet joint</li> <li>• Weld 1G, 2G, 5G, 6G pipe positions</li> </ul> |
| <b>Date</b>                                           | 02-06/11/2026                                                                                                                                                                                                                                                                        |

|                                                       |                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>MIG and TIG welding</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                                                                              |
| <b>Minimum entry requirement</b>                      | Boilermaker welder trade certificate                                                                                                                                                                                                                                                                             |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> </ul>                                                                                                                                                                                                                                  |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                        |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                        |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• To perform MIG and TIG welding positions</li> </ul>                                                                                                                                                                                                                     |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Use metal inert gas (MIG) welding to weld different types of metals</li> <li>• Use metal inert gas welding (MIG) equipment to weld various welding positions</li> <li>• Set up tungsten inert gas (TIG) welder</li> <li>• Weld various TIG welding positions</li> </ul> |
| <b>Date</b>                                           | 23-27/03/2026<br>23-27/11/2026                                                                                                                                                                                                                                                                                   |

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|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Angle Grinder</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                                                                                                                  |
| <b>Minimum entry requirement</b>                      | Not applicable                                                                                                                                                                                                                                                                                                                                 |
| <b>Target population</b>                              | • All employees                                                                                                                                                                                                                                                                                                                                |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                                                     |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                                                      |
| <b>objectives</b>                                     | • To use an angle grinder safely and correctly                                                                                                                                                                                                                                                                                                 |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Identify the different machines</li> <li>• Identify defects in discs and different types of discs and their applications</li> <li>• Understand the operation of the grinder</li> <li>• Follow the correct procedure for disc replacement</li> <li>• Using the correct protective equipment</li> </ul> |
| <b>Date</b>                                           | On request and approval only                                                                                                                                                                                                                                                                                                                   |

|                                                       |                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Plating torch cutting and gas welding</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                                             |
| <b>Minimum entry requirement</b>                      | Basic oxy-acetylene and torch cutting                                                                                                                                                                                                                                                             |
| <b>Target population</b>                              | • Artisan aides                                                                                                                                                                                                                                                                                   |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                         |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                         |
| <b>objectives</b>                                     | • To assemble, cut and weld with oxy-acetylene equipment                                                                                                                                                                                                                                          |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Apply safety and care rules of oxy-acetylene equipment</li> <li>• Assemble equipment</li> <li>• Understand torch lighting procedures</li> <li>• Set different flames</li> <li>• Identify cutting techniques</li> <li>• Cut different profiles</li> </ul> |
| <b>Date</b>                                           | 11-15/05/2026<br>14-18/09/2026                                                                                                                                                                                                                                                                    |





9

# Electrical short courses

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |                                       |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------|
| <b>Training programme (name)</b>                      | <b>Integrated Medium Voltage Power Systems (Medium Voltage)</b><br><b>Lesego Tekula - 077 603 3164</b>                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |                                       |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Trade Certificate</li> <li>• PPE – Arc Flash Suit ATPV 12 – 140 CAL &amp; Safety Shoes</li> </ul>                                                                                                                                                                                                                                                                                                                                                                |                                                          |                                       |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                      |                                                          |                                       |
| <b>Duration</b>                                       | Seven days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |                                       |
| <b>No of candidates</b>                               | <b>28</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                       |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• To equip artisans with skills regarding MV reticulation, operation and maintenance</li> </ul>                                                                                                                                                                                                                                                                                                                                                                    |                                                          |                                       |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Apply and understand all safety procedures and standards</li> <li>• Correctly use MV testing equipment</li> <li>• Test an MV cable for possible defects</li> <li>• Read and interpret MV reticulation circuits</li> <li>• Perform switching procedures</li> <li>• Perform transformer examinations and maintenance</li> <li>• Understand the operation of a Buchholz relay</li> <li>• Maintain MV substations</li> </ul> |                                                          |                                       |
| <b>Date</b>                                           | 16 – 24/02/2026<br>13 - 21/04/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18 - 26/05/2026<br>29/06 - 07/07/2026<br>17 - 25/08/2026 | 05 - 13/10/2026<br>23/11 - 01/12/2026 |

|                                                       |                                                                                                                                                                                                                                                                                                                                  |                                                            |                 |
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| <b>Training programme (name)</b>                      | <b>HT Electrical Cable Jointing and Termination</b><br><b>Lesego Tekula-077 603 3164</b>                                                                                                                                                                                                                                         |                                                            |                 |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Electrical artisans</li> <li>• Foremen</li> <li>• Engineering learners</li> <li>• PPE: Safety shoes, overall and Insulated gloves</li> </ul>                                                                                                                                            |                                                            |                 |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                             |                                                            |                 |
| <b>Duration</b>                                       | Four days                                                                                                                                                                                                                                                                                                                        |                                                            |                 |
| <b>No of candidates</b>                               | <b>16</b>                                                                                                                                                                                                                                                                                                                        |                                                            |                 |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans will be equipped with skills and knowledge in jointing and terminating MV cables</li> </ul>                                                                                                                                                                                    |                                                            |                 |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Prepare and joint XLPE and PILC cables using mould and pressure joint</li> <li>• Prepare and terminate XLPE and PILC cables using cold-shrink methods</li> <li>• Test cables after jointing and terminating for fault free operation</li> </ul> |                                                            |                 |
| <b>Date</b>                                           | 03- 06/02/2026<br>10- 13 /03/2026<br>12 -15/05/2026                                                                                                                                                                                                                                                                              | 23 - 26 /06/2026<br>29/09 – 02/10/2026<br>20 – 23 /10/2026 | 03 – 06/11/2026 |

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|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--|
| <b>Training programme (name)</b>                      | <b>Electrical Protection</b><br><b>Lesego Tekula-077 603 3164</b>                                                                                                                                                                                                                                                                                                                                                                                                            |                 |  |
| <b>Minimum entry requirement</b>                      | Trade Certificate                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |  |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                         |                 |  |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |
| <b>No of candidates</b>                               | <b>28</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• To equip artisans with knowledge and skills in electrical protection systems on MV reticulation and substations</li> </ul>                                                                                                                                                                                                                                                                                                          |                 |  |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Calculate fault levels of electrical circuits</li> <li>• Identify protection relays</li> <li>• Identify electric shock</li> <li>• Understand medium-voltage (MV) protection</li> <li>• Understand safety aspect of electrical protection</li> <li>• Understand feeder protection</li> <li>• Understand rating of circuit breakers</li> <li>• Understand earth leakage principles</li> </ul> |                 |  |
| <b>Date</b>                                           | 09 -13/02/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 27 - 31/07/2026 |  |
|                                                       | 23– 27/03/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 14 – 18/09/2026 |  |
|                                                       | 08 – 12/06/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 09 – 13/11/2026 |  |

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| <b>Training programme (name)</b>                      | <b>Practical Medium Voltage Power Systems</b><br><b>Lesego Tekula-077 603 3164</b>                                                                                                                                                                                                                              |               |               |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Trade Certificate</li> <li>• Elec Protection Course</li> <li>• Integrated MV Course</li> <li>• Cable Jointing &amp; Termination</li> <li>• PPE – Arc Flash Suit ATPV 12 – 140 CAL &amp; Safety Shoes</li> </ul>                                                        |               |               |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Engineers-in-training</li> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                           |               |               |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                       |               |               |
| <b>No of candidates</b>                               | <b>18</b>                                                                                                                                                                                                                                                                                                       |               |               |
| <b>objectives</b>                                     | <p>Prepare candidates in:</p> <ul style="list-style-type: none"> <li>• Use and care of electrical test instruments</li> <li>• Testing of switchgears</li> <li>• The Operation of MV reticulation systems in line with the MV procedure and visual standards.</li> </ul>                                         |               |               |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Identify and test different test instruments to be used when working on MV circuits and reticulations</li> <li>• Maintain and service all the switchgears</li> <li>• Understand and know why phasing has to be done</li> </ul> |               |               |
| <b>Date</b>                                           | 02 - 06/03/2026                                                                                                                                                                                                                                                                                                 | 01-05/06/2026 | 26-30/10/2026 |
|                                                       | 16 – 20/03/2026                                                                                                                                                                                                                                                                                                 | 20-24/07/2026 | 16-20/11/2026 |
|                                                       | 04 – 08/05/2026                                                                                                                                                                                                                                                                                                 | 07-11/09/2026 |               |

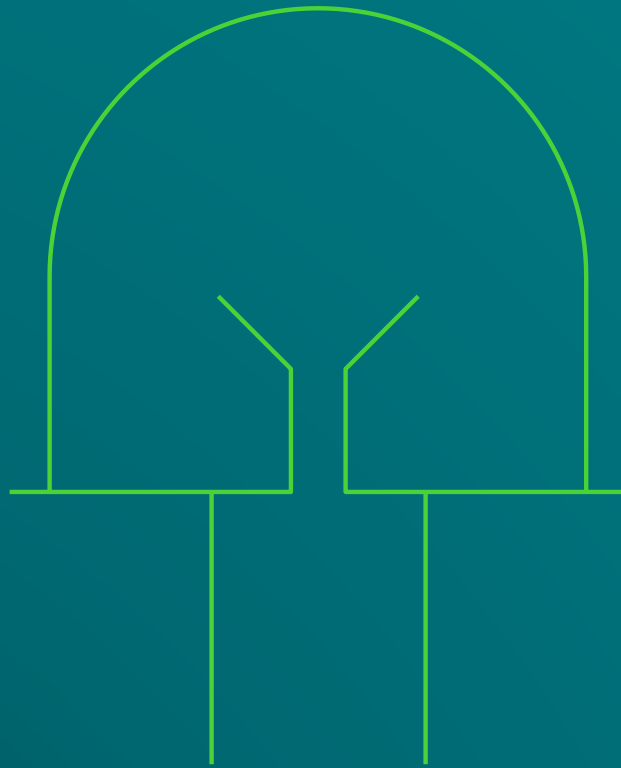
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|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Lilly controller</b><br><b>Lesego Tekula-077 603 3164</b>                                                                                                                                                                                                                                                                                        |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• All persons involved in the maintenance and operation of a winding plant</li> <li>Trade certificate</li> </ul>                                                                                                                                                                                             |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                                                          |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                                                                                           |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans will be equipped with knowledge and skills in safely maintaining and operating the Lilly</li> <li>controller unit as part of a safety device in a winder</li> </ul>                                                                                                                               |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Identify all component parts</li> <li>• Understand operation of all parts</li> <li>• Se up the controller</li> <li>• Understand man/rock changeover</li> <li>• Understand retardation graph development</li> <li>• Understand retardation cam profiling</li> </ul> |
| <b>Date</b>                                           | <p>22 – 24/04/2026</p> <p>27 – 29/05/2026</p> <p>26 – 28/08/2026</p> <p>14 – 16/10/2026</p>                                                                                                                                                                                                                                                         |

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|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Motor control</b><br><b>Lesego Tekula-077 603 3164</b>                                                                                                                                                                                                                                                                                                                                       |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Engineering maintenance personnel who require knowledge of motor controls</li> <li>• Trade certificate</li> <li>Engineering learners</li> </ul>                                                                                                                                                                                                        |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                            |
| <b>Duration</b>                                       | Four days                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>No of candidates</b>                               | <b>16</b>                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans will be equipped with knowledge Understand the principles of motor and control gear protection</li> </ul>                                                                                                                                                                                                                                     |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Interpret and understand critical functions and safety aspects of electric motor control</li> <li>• Understand the difference between manual and automatic control devices</li> <li>• Identify and understand the application of motors and starters</li> <li>• Identify multiple function products</li> </ul> |
| <b>Date</b>                                           | <p>23 – 26/06/2026</p> <p>20 – 23/10/2026</p>                                                                                                                                                                                                                                                                                                                                                   |

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| <b>Training programme (name)</b>                      | <b>Electrical Fault Finding</b><br><b>Lesego Tekula-077 603 3164</b>                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Electrical artisans</li> <li>• Foremen</li> <li>• Engineering learners</li> </ul> PPE: Safety shoes, overall                                                                                                                                                                                                                                                                                                   |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                                    |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>No of candidates</b>                               | <b>10</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans will be equipped with skills and knowledge of fault finding in electrical systems.</li> </ul>                                                                                                                                                                                                                                                                                                         |
| <b>Learning outcomes (critical content and tasks)</b> | The participant will be able to: <ul style="list-style-type: none"> <li>• Electrical Theory and Circuit</li> <li>• Safety Practices and Regulations</li> <li>• Identification of faults Types</li> <li>• Diagnostic Tool Proficiency</li> <li>• Systematic Fault-Finding Methodologist</li> <li>• Read Electrical Diagrams</li> <li>• Preventive Maintenance Knowledge</li> <li>• Documentation and Reporting</li> <li>• Root Cause Analysis</li> </ul> |
| <b>Date</b>                                           | 03 - 07/08/2026<br>31/08 - 04/09/2026                                                                                                                                                                                                                                                                                                                                                                                                                   |

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Variable Speed Drives -VSD</b><br><b>Lesego Tekula-077 603 3164</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• All persons involved in the maintenance and operation of a winding plant</li> <li>Trade certificate</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Electrical Artisans, -Foreman</li> <li>• Engineering Learners</li> <li>•</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Duration</b>                                       | Four days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans will be equipped with skills and knowledge on Variable Speed Drives.</li> <li>•</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Understand VSD Fundamentals</li> <li>• Understand VSD Safety and Compliance</li> <li>• Component Identification and Functions</li> <li>• Installation and Wiring</li> <li>• Programming and Configuration</li> <li>• Operation and Control</li> <li>• Troubleshooting and Diagnostic</li> <li>• Maintenance and Servicing</li> <li>• Energy Efficiency Practices</li> <li>• System Integration and Communication</li> <li>• Data Logging and Monitoring</li> </ul> |
| <b>Date</b>                                           | 07 – 10 /07/2026<br>11- 14 /08/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Solar Systems Part - A</b><br><b>Lesego Tekula-077 603 3164</b>                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Electrical artisans</li> <li>• Foremen</li> <li>• Engineering learners</li> <li>• PPE: Safety shoes, overall and Insulated gloves.</li> </ul>                                                                                                                                                                                                                                                      |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                                                                        |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>No of candidates</b>                               | <b>10</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans will be equipped with skills and knowledge of Solar PV Systems</li> </ul>                                                                                                                                                                                                                                                                                                                 |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Fundamentals</li> <li>• Safety and Compliance</li> <li>• Systems Design</li> <li>• Installation Techniques</li> <li>• Electrical Concepts and Connections</li> <li>• Troubleshooting and maintenance</li> <li>• Monitoring and Performance Optimisation</li> <li>• Financial and Environmental Benefits</li> <li>• Renewable Energy Legislation</li> </ul> |
| <b>Date</b>                                           | 13-17/07/2026<br>02- 06 /11/2026                                                                                                                                                                                                                                                                                                                                                                                                            |



10

# Electronics short courses

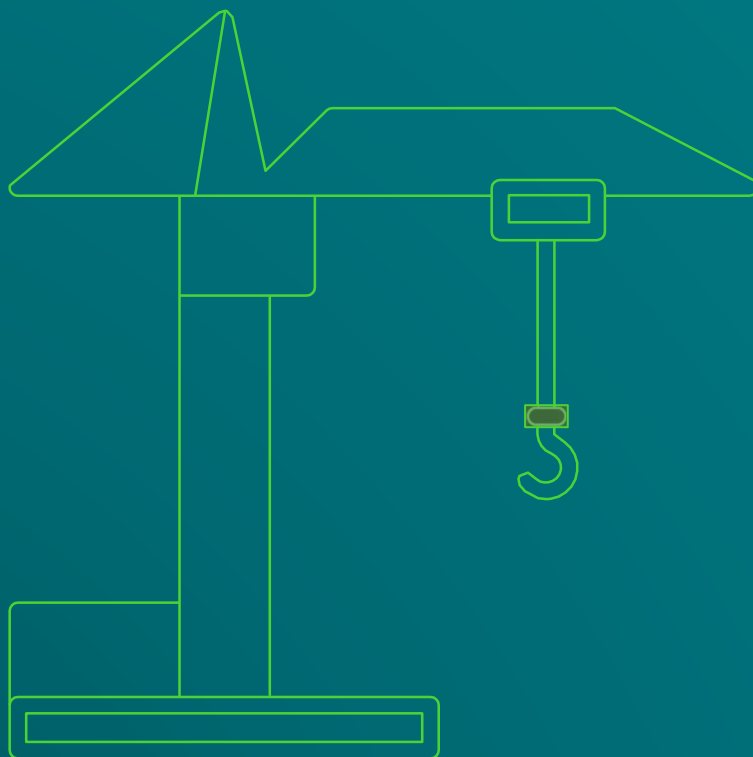
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|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Basic electronics module 1</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                                                       |
| <b>Minimum entry requirement</b>                      | Trade Certificate                                                                                                                                                                                                                                                                                |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                             |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                        |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                                        |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans, foremen, trainee engineers, engineers and</li> <li>• Instrument Mechanician and</li> <li>• Technicians will be equipped with electronic knowledge and skills</li> </ul>                                                                       |
| <b>Learning outcomes (critical content and tasks)</b> | The participant will be able to: <ul style="list-style-type: none"> <li>• Identify and use resistors</li> <li>• Identify and use capacitors</li> <li>• Identify and use inductors</li> <li>• Identify and use diodes</li> <li>• Use an oscilloscope</li> <li>• Rectification circuits</li> </ul> |
| <b>Date</b>                                           | 19 - 23/01/2026                                                                                                                                                                                                                                                                                  |

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|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Basic electronics module</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                                                                                                                       |
| <b>Minimum entry requirement</b>                      | Artisans (electrical, instrumentation, millwright and junior engineers)                                                                                                                                                                                                                                                                                        |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                           |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                      |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                                                                                                      |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans, foremen, trainee engineers and engineers</li> <li>• will be equipped with electronic systems knowledge and skills</li> </ul>                                                                                                                                                                                |
| <b>Learning outcomes (critical content and tasks)</b> | The participant will be able to: <ul style="list-style-type: none"> <li>• Identify Zener diodes</li> <li>• Use a voltage doubler</li> <li>• Identify transistor action</li> <li>• Identify transistor configuration</li> <li>• Regulate power supply</li> <li>• Test a thyristor</li> <li>• Do thyristor phase control</li> <li>• Solder components</li> </ul> |
| <b>Date</b>                                           | 11 -15/05/2026                                                                                                                                                                                                                                                                                                                                                 |



|                                                       |                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Advanced electronics</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                                                                                                                                                |
| <b>Minimum entry requirement</b>                      | Basic electronics 1 & 2                                                                                                                                                                                                                                                                                                                                                             |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                                |
| <b>Duration</b>                                       | Five days                                                                                                                                                                                                                                                                                                                                                                           |
| <b>No of candidates</b>                               | <b>12</b>                                                                                                                                                                                                                                                                                                                                                                           |
| <b>objectives</b>                                     | <ul style="list-style-type: none"> <li>• Artisans, foremen, trainee engineers and engineers will be equipped with electronic systems knowledge and skills</li> </ul>                                                                                                                                                                                                                |
| <b>Learning outcomes (critical content and tasks)</b> | <p>The participant will be able to:</p> <ul style="list-style-type: none"> <li>• Do fault finding on circuits</li> <li>• Test an amplifier</li> <li>• Use a transistor as a switch</li> <li>• Test multi-vibrators</li> <li>• Identify operational amplifiers</li> <li>• Test a field effect transistor</li> <li>• Test logic gates</li> </ul> <p>Construct a continuity tester</p> |
| <b>Date</b>                                           | 28/09 – 02 /10/2026                                                                                                                                                                                                                                                                                                                                                                 |

11



# Rigger ropeman short courses

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Inspection and maintenance of hoist ropes</b><br>Salthiel Mataboge 011 411 6742                                                                                                                                                                                                                                                                                                |
| <b>Minimum entry requirement</b>                      | <ul style="list-style-type: none"> <li>• Winder and hoist rope exposure</li> <li>• Candidates to come in full PPE (Safety shoes and Overalls)</li> </ul>                                                                                                                                                                                                                          |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                                              |
| <b>Duration</b>                                       | Two days                                                                                                                                                                                                                                                                                                                                                                          |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                                                                                         |
| <b>objectives</b>                                     | To obtain knowledge and understanding of using rigging equipment to lift and move loads                                                                                                                                                                                                                                                                                           |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Understand manufacturing of ropes</li> <li>• Identify various types of ropes</li> <li>• Identify faults in ropes</li> <li>• Inspect rope sheaves</li> <li>• Coil ropes correctly</li> <li>• Care and maintenance of ropes</li> <li>• Perform inspection on ropes</li> <li>• Lubricate ropes</li> <li>• Cut back ends of ropes</li> </ul> |
| <b>Date</b>                                           | 14-15/09/2026<br>26-27/10/2026                                                                                                                                                                                                                                                                                                                                                    |

|                                                       |                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Rigging skills</b><br>Salthiel Mataboge 011 411 6742                                                                                                                                                                                                                                                                                                    |
| <b>Minimum entry requirement</b>                      | ABET level 4                                                                                                                                                                                                                                                                                                                                               |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineering assistants</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                     |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                                                                 |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                                                                  |
| <b>objectives</b>                                     | To obtain knowledge and understanding of using rigging equipment to lift and move loads                                                                                                                                                                                                                                                                    |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Identify and inspect rigging equipment</li> <li>• Lift equipment safely using the correct slinging methods</li> <li>• Move equipment safely using various techniques</li> <li>• Handle equipment safely using various techniques</li> <li>• Understand rope charts, safe working loads, breaking loads</li> </ul> |
| <b>Date</b>                                           | 09-11/02/2026<br>03-04/03/2026<br>14-15/04/2026<br>19-20/05/2026 09-10/06/2026<br>18-19/08/2026<br>20-21/10/2026<br>24-25/11/2026                                                                                                                                                                                                                          |

|                                                       |                                                                                                                                                                                                                                                                                                            |                                 |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Training programme (name)</b>                      | <b>Advanced Rigging Skills</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                                                                    |                                 |
| <b>Minimum entry requirement</b>                      | Rigging skills                                                                                                                                                                                                                                                                                             |                                 |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineering assistants</li> <li>• Engineers</li> </ul>                                                                                                                                                                     |                                 |
| <b>Duration</b>                                       | Three days                                                                                                                                                                                                                                                                                                 |                                 |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                  |                                 |
| <b>objectives</b>                                     | To plan and calculate loads before lifting and moving them                                                                                                                                                                                                                                                 |                                 |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Identify the load material and construction</li> <li>• Calculate the mass of the load</li> <li>• Determine the lifting to lift the load</li> <li>• Determine the lifting equipment to lift the load</li> <li>• Plan the lifting and moving of the load</li> </ul> |                                 |
| <b>Date</b>                                           | 16-18/03/2026<br>25-27/05/2026<br>13-15/07/2026<br>19-21/10/2026                                                                                                                                                                                                                                           | 03 -05/08/2026<br>16-18/11/2026 |

|                                                       |                                                                                                                                                                                                                                                                                                                 |  |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Training programme (name)</b>                      | <b>Safety Detachment Hook</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                                                                          |  |
| <b>Minimum entry requirement</b>                      | Inspection and Maintenance of Hoist Ropes                                                                                                                                                                                                                                                                       |  |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                            |  |
| <b>Duration</b>                                       | One day                                                                                                                                                                                                                                                                                                         |  |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                       |  |
| <b>objectives</b>                                     | To create understanding of the types, inspections and operation of safety detachment hooks                                                                                                                                                                                                                      |  |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Identify the types of SDH</li> <li>• Identify and inspect components</li> <li>• Understand the operation and function of the SDH</li> <li>• Understand the various inspections on the SDH</li> <li>• Use an SDH according to the Mine Health and Safety Act</li> </ul> |  |
| <b>Date</b>                                           | On Request and Approval.                                                                                                                                                                                                                                                                                        |  |

|                                                       |                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Training programme (name)</b>                      | <b>Resin Capping</b><br><b>Salthiel Mataboge 011 411 6742</b>                                                                                                                                                                                                                                                                                                    |
| <b>Minimum entry requirement</b>                      | Inspection and maintenance of hoist ropes                                                                                                                                                                                                                                                                                                                        |
| <b>Target population</b>                              | <ul style="list-style-type: none"> <li>• Artisans</li> <li>• Foremen</li> <li>• Engineers</li> </ul>                                                                                                                                                                                                                                                             |
| <b>Duration</b>                                       | Two days                                                                                                                                                                                                                                                                                                                                                         |
| <b>No of candidates</b>                               | <b>15</b>                                                                                                                                                                                                                                                                                                                                                        |
| <b>objectives</b>                                     | To obtain knowledge and understanding regarding the installation of resin capping on a winder rope                                                                                                                                                                                                                                                               |
| <b>Learning outcomes (critical content and tasks)</b> | <ul style="list-style-type: none"> <li>• Understand CSIR evaluation for white metal and resin capping</li> <li>• Understand resin capping of steel wire ropes</li> <li>• Explain task procedure for resin capping</li> <li>• Understand health and safety data sheet for resin capping</li> <li>• Install resin into a winder rope socket – practical</li> </ul> |
| <b>Date</b>                                           | 29-30/04/2026<br>27-28/07/2026                                                                                                                                                                                                                                                                                                                                   |

## 12

# General terms and Conditions of service

The following outlines the general terms and conditions that govern the appointment of ESTC to deliver the above services:

1. ESTC will deliver the agreed services according to the specified requirements, standards and time frames, as mutually agreed and documented by ESTC and the client organisation.
2. Deviations from agreed quotations will be mutually discussed and agreed.
3. The client and ESTC will conform to the agreement to purchase, and terms and conditions of sale, as specified.
4. ESTC and the client will conform to mutual confidentiality, technology and copyright protection requirements.
5. The client and its employees may only use ESTC technology and learning materials within those internal areas agreed and licensed by ESTC.
6. ESTC must receive a signed quotation and purchase order number prior to commencement of rendering required services.
7. **A signed quotation and purchase order number implies that the service terms and conditions are accepted.**
8. **Candidates will be required to follow Anglo American Platinum Covid-19 protocols when attending training**

## 13

# General payment terms and conditions

1. The total cost excludes VAT.
2. Payment excludes air travel and car hire. The use of ESTC vehicles for car travel is charged at R4.20 per kilometre for the full distance.
3. Invoices will be generated for each training intervention on the date of commencement and payment must be received prior to the release of certificates.
4. **Payment terms are strictly 30 days from the presentation of invoices.**
5. Cancellation of scheduled training, in three (3) working days or less, will incur the full training service fee. Please notify the office in writing of the cancellation.
6. Postponement of scheduled training within three (3) working days will be invoiced in full, and an extension period to the next scheduled course will apply for the delivery of the training.
7. Withdrawal of a candidate from scheduled training after commencement will be invoiced in full and the extension period for the next scheduled course will apply for the delivery of the training.
8. Replacement of nominated candidates should be done in writing prior to commencement of training.

# Annexure A

## 2026 LEARNERSHIP TRAINING COSTS PHASE 4 & 6 LEGACY

| Legacy Phase 4 & 6                                 | Duration | Training cost per person per day | PPE       | Meals   | Accommodation Per Person per Day | Total Excluding VAT |
|----------------------------------------------------|----------|----------------------------------|-----------|---------|----------------------------------|---------------------|
| Automotive Electrician L4                          | 75       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R131,071.45         |
| Electrical L4                                      | 75       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Millwright L4                                      | 75       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Instrument Mechanician L4                          | 75       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Plater/Welder L3                                   | 75       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Fitting & Turning L3                               | 75       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Mechanical Fitter (Fitting Including Machining) L3 | 75       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Diesel Mechanic L3                                 | 75       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Rigger Ropesman L3                                 | 75       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Earth Moving Equipment Mechanics L3                | 75       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Electro Mechanic L2                                | 123      | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R147,248.12         |
| Engineering Fabrication L2                         | 75       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Artisan Aide L 2: Electrical                       | 87       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R147,248.12         |
| Artisan Aide L 2: Fitting,                         | 87       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Artisan Aide L 2: Plating,                         | 55       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Artisan Aide L 2: Rigging,                         | 78       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Artisan Aide L 2: Diesel Mechanic                  | 77       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R129,017.24         |
| Artisan Aide L 2: MC & I                           | 87       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R147,248.12         |
| ARPL Assessment                                    | 25       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R147,248.12         |
| Engineering Assistant Phase 1                      | 15       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R81,458.44          |
| Engineering Assistant Phase 2                      | 30       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R93,348.14          |
| Stope Service Man L 2                              | 88       | R792.65                          | R2,860.00 | R355.79 | R318.35                          | R147,248.12         |

# Annexure B

## 2026 LEARNERSHIP TRAINING COSTS OCCUPATIONAL QUALIFICATION

| Occupational Qualification Phase 1 & 3                                                | Duration<br>(6 months/<br>12 months) | Training cost<br>per person per<br>day | PPE       | Toolbox    | Meals   | Accommodation<br>Per Person per<br>Day | Total Excluding VAT          |                              |
|---------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------|-----------|------------|---------|----------------------------------------|------------------------------|------------------------------|
|                                                                                       |                                      |                                        |           |            |         |                                        | Phase 1 Cost<br>Incl Toolbox | Phase 3 Cost<br>Excl Toolbox |
| Occupational Certificate Transport Electrician                                        | 120                                  | R792.65                                | R2,860.00 | R31,702.00 | R355.79 | R318.35                                | R196,239.55                  | R164,537.55                  |
| Occupational Certificate Electrician                                                  | 120                                  | R792.65                                | R2,860.00 | R26,862.00 | R355.79 | R318.35                                | R193,602.53                  | R166,740.53                  |
| Occupational Certificate Millwright                                                   | 240                                  | R792.65                                | R2,860.00 | R31,453.95 | R355.79 | R318.35                                | R344,834.14                  | R313,380.19                  |
| Occupational Certificate Instrument Mechanician                                       | 120                                  | R792.65                                | R2,860.00 | R26,620.00 | R355.79 | R318.35                                | R193,360.53                  | R166,740.53                  |
| Occupational Certificate Boilermaker                                                  | 120                                  | R792.65                                | R2,860.00 | R13,310.00 | R355.79 | R318.35                                | R180,050.53                  | R166,740.53                  |
| Occupational Certificate Welder                                                       | 120                                  | R792.65                                | R2,860.00 | R13,310.00 | R355.79 | R318.35                                | R180,050.53                  | R166,740.53                  |
| Occupational Certificate Fitter & Turner                                              | 120                                  | R792.65                                | R2,860.00 | R16,844.67 | R355.79 | R318.35                                | R183,585.20                  | R166,740.53                  |
| Occupational Certificate Mechanical Fitter                                            | 120                                  | R792.65                                | R2,860.00 | R16,844.67 | R355.79 | R318.35                                | R183,585.20                  | R166,740.53                  |
| Occupational Certificate Diesel Mechanic                                              | 120                                  | R792.65                                | R2,860.00 | R35,766.39 | R355.79 | R318.35                                | R202,506.92                  | R166,740.53                  |
| Occupational Certificate Rigger Ropesman                                              | 120                                  | R792.65                                | R2,860.00 | R12,584.00 | R355.79 | R318.35                                | R179,324.53                  | R166,740.53                  |
| Occupational Certificate Heavy Equipment Mechanic L4                                  | 120                                  | R792.65                                | R2,860.00 | R35,766.39 | R355.79 | R318.35                                | R202,506.92                  | R166,740.53                  |
| Occupational Certificate Automotive Motor Mechanic L4                                 | 120                                  | R792.65                                | R2,860.00 | R35,766.39 | R355.79 | R318.35                                | R202,506.92                  | R166,740.53                  |
| Occupational Certificate External Integrated Summative Assessment (EISA) / Trade Test | 120                                  | R792.65                                | R2,860.00 |            | R355.79 | R318.35                                | R166,740.53                  | R166,740.53                  |



# Annexure c

## ESTC short courses costs for 2026

| 2026 Short & Specialized Short Courses     | Training cost per person per day | Duration (Days) | Meals per person per day | Accommodation per person per night | Total Training Costs Excl VAT | Price Per course |
|--------------------------------------------|----------------------------------|-----------------|--------------------------|------------------------------------|-------------------------------|------------------|
| <b>Electrical</b>                          |                                  |                 |                          |                                    |                               |                  |
| Integrated Medium Voltage Power Systems    | R3,421.73                        | 7               | R400.36                  | R672.84                            | R4,494.91                     | R31,464.35       |
| Medium Voltage (Onsite)                    | R4,078.67                        | 7               | R0.00                    | R0.00                              | R4,078.67                     | R28,550.68       |
| Practical Intro to Medium Voltage          | R3,421.73                        | 5               | R400.36                  | R672.84                            | R4,494.91                     | R22,474.53       |
| Practical Intro to Medium Voltage (Onsite) | R4,078.67                        | 5               | R0.00                    | R0.00                              | R4,078.67                     | R20,393.34       |
| Medium Voltage Assessment                  | R4,435.80                        | 1               | R400.36                  | R672.84                            | R5,508.98                     | R5,508.98        |
| RPL MQA Medium Voltage PoE                 | R4,435.80                        |                 | R0.00                    | R0.00                              | R4,435.80                     | R0.00            |
| Electrical Protection                      | R3,421.73                        | 5               | R400.36                  | R672.84                            | R4,494.91                     | R22,474.53       |
| Electrical Protection (Onsite)             | R4,078.67                        | 5               | R0.00                    | R0.00                              | R4,078.67                     | R20,393.34       |
| Cable Jointing & Terminating               | R4,430.80                        | 4               | R400.36                  | R672.84                            | R5,503.97                     | R22,015.90       |
| Cable Jointing & Terminating (Onsite)      | R4,838.90                        | 4               | R0.00                    | R0.00                              | R4,838.90                     | R19,355.60       |
| Lilly Controller                           | R3,421.73                        | 3               | R400.36                  | R672.84                            | R4,494.91                     | R13,484.72       |
| Motor Control                              | R3,421.73                        | 4               | R400.36                  | R672.84                            | R4,494.91                     | R17,979.63       |

| 2026 Short & Specialized Short Courses | Training cost per person per day | Duration (Days) | Meals per person per day | Accommodation per person per night | Total Training Costs Excl VAT | Price Per course |
|----------------------------------------|----------------------------------|-----------------|--------------------------|------------------------------------|-------------------------------|------------------|
|----------------------------------------|----------------------------------|-----------------|--------------------------|------------------------------------|-------------------------------|------------------|

### Diesel Mechanic

|                   |           |   |         |         |           |            |
|-------------------|-----------|---|---------|---------|-----------|------------|
| Air Brake Systems | R2,851.44 | 2 | R400.33 | R672.84 | R3,924.62 | R7,849.23  |
| Wheel Alignment   | R2,851.44 | 3 | R400.33 | R672.84 | R3,924.62 | R11,773.85 |

### Fitting

|                                                          |           |   |         |         |           |            |
|----------------------------------------------------------|-----------|---|---------|---------|-----------|------------|
| Roller Bearings                                          | R2,851.44 | 3 | R400.33 | R672.84 | R3,924.62 | R11,773.85 |
| Alignment Refresher                                      | R2,851.44 | 4 | R400.33 | R672.84 | R3,924.62 | R15,698.46 |
| Basic Hydraulics                                         | R2,851.44 | 5 | R400.33 | R672.84 | R3,924.62 | R19,623.08 |
| Basic Pneumatics                                         | R2,851.44 | 5 | R400.33 | R672.84 | R3,924.62 | R19,623.08 |
| Electro Pneumatics                                       | R2,851.44 | 5 | R400.33 | R672.84 | R3,924.62 | R19,623.08 |
| Conveyor Belt: Installation, Fault Finding & Maintenance | R2,851.44 | 2 | R400.33 | R672.84 | R3,924.62 | R7,849.23  |
| Fluid and Centrifugal Pumps                              | R2,851.44 | 3 | R400.33 | R672.84 | R3,924.62 | R11,773.85 |
| Hydraulics Systems Trouble Shooting                      | R2,851.44 | 5 | R400.33 | R672.84 | R3,924.62 | R19,623.08 |
| Electro Hydraulics                                       | R2,851.44 | 5 | R400.33 | R672.84 | R3,924.62 | R19,623.08 |
| Electro Proportional Hydraulics                          | R2,851.44 | 5 | R400.33 | R672.84 | R3,924.62 | R19,623.08 |

### Electronics

|                              |           |   |         |         |           |            |
|------------------------------|-----------|---|---------|---------|-----------|------------|
| Basic Electronics : Module 1 | R2,851.44 | 5 | R400.33 | R672.84 | R3,924.62 |            |
| Basic Electronics : Module 2 | R2,851.44 | 5 | R400.33 | R672.84 | R3,924.62 | R19,623.08 |
| Advanced Electronics         | R2,851.44 | 5 | R400.33 | R672.84 | R3,924.62 | R19,623.08 |

| 2026 Short & Specialized Short Courses | Training cost per person per day | Duration (Days) | Meals per person per day | Accommodation per person per night | Total Training Costs Excl VAT | Price Per course |
|----------------------------------------|----------------------------------|-----------------|--------------------------|------------------------------------|-------------------------------|------------------|
|----------------------------------------|----------------------------------|-----------------|--------------------------|------------------------------------|-------------------------------|------------------|

### Specialized Courses

|                                                     |           |   |         |         |           |            |
|-----------------------------------------------------|-----------|---|---------|---------|-----------|------------|
| Conveyor Belt Splicing/ Theory and Repair Technique | R4,051.03 | 3 | R400.36 | R672.84 | R5,124.21 | R15,372.63 |
| Gas Safety                                          | R3,944.52 | 5 | R400.36 | R672.84 | R5,017.69 | R25,088.47 |
| Legal Knowledge OHSA ( Coaching)                    | R4,219.84 | 3 | R400.36 | R672.84 | R5,293.01 | R15,879.03 |
| Legal Knowledge OHSA ( Revision)                    | R4,219.84 | 2 | R400.36 | R672.84 | R5,293.01 | R10,586.02 |
| Legal Knowledge MHSA Coaching Foreman (Part A)      | R4,219.84 | 4 | R400.36 | R672.84 | R5,293.01 | R21,172.04 |
| Engineering Standard Coaching Part B                | R4,219.84 | 4 | R400.36 | R672.84 | R5,293.01 | R21,172.04 |
| Full Time Revision Part A & B                       | R4,219.84 | 4 | R400.36 | R672.84 | R5,293.01 | R21,172.04 |
| Exam Part A (MHSA/OHSA)                             | R4,219.84 | 1 | R400.36 | R672.84 | R5,293.01 | R5,293.01  |
| Exam Part B Engineering Standard                    | R4,219.84 | 1 | R400.36 | R672.84 | R5,293.01 | R5,293.01  |
| Introduction to PLC Training                        | R4,957.24 | 3 | R400.36 | R672.84 | R6,030.41 | R18,091.24 |
| Lubrication & Filtration                            | R2,851.44 | 3 | R400.36 | R672.84 | R3,924.62 | R11,773.85 |
| PLC SERV1 Training                                  | R5,035.36 | 5 | R400.36 | R795.17 | R6,303.66 | R31,518.31 |
| PLC SERV2 Training                                  | R4,260.69 | 5 | R400.36 | R672.84 | R5,333.87 | R26,669.34 |
| PLC S7 Programming Part 1                           | R4,957.24 | 5 | R400.36 | R672.84 | R6,030.41 | R30,152.06 |
| PLC S7 Programming Part 2                           | R4,957.24 | 5 | R400.36 | R672.84 | R6,030.41 | R30,152.06 |
| Introduction to Ind Network                         | R5,035.36 | 3 | R400.36 | R795.17 | R6,303.66 | R18,910.98 |
| Ind Ethernet System                                 | R5,035.36 | 3 | R400.36 | R795.17 | R6,303.66 | R18,910.98 |
| PROFIBUS System                                     | R4,957.24 | 5 | R400.36 | R672.84 | R6,030.41 | R30,152.06 |
| SCADA Control System                                | R4,957.24 | 5 | R400.36 | R672.84 | R6,030.41 | R30,152.06 |
| Basic Winders                                       | R2,851.44 | 3 | R400.36 | R672.84 | R3,924.62 | R11,773.85 |
| AC Winders                                          | R2,851.44 | 3 | R400.36 | R672.84 | R3,924.62 | R11,773.85 |
| DC Winders                                          | R2,851.44 | 3 | R400.36 | R672.84 | R3,924.62 | R11,773.85 |
| Change and Adaptability                             | R4,957.24 | 4 | R400.36 | R672.84 | R6,030.41 | R24,121.65 |

|                                        |                                  |                 |                          |                                    |                               |                  |
|----------------------------------------|----------------------------------|-----------------|--------------------------|------------------------------------|-------------------------------|------------------|
| BCM                                    | R4,315.75                        | 4               | R400.36                  | R672.84                            | R5,388.93                     | R21,555.70       |
| Winder Brakes Hydraulics               | R4,484.66                        | 2               | R400.36                  | R672.84                            | R5,557.83                     | R11,115.66       |
| Gas Solutions                          | R2,851.44                        | 2               | R400.36                  | R672.84                            | R3,924.62                     | R7,849.23        |
| Driving Results                        | R4,315.75                        | 4               | R400.36                  | R672.84                            | R5,388.93                     | R21,555.70       |
| Water Treatment Technology             | R2,851.44                        | 1               | R400.36                  | R672.84                            | R3,924.62                     | R3,924.62        |
| Planned Maintenance                    | R1,631.47                        | 30              | R400.36                  | R672.84                            | R2,704.64                     | R81,139.26       |
| 2026 Short & Specialized Short Courses | Training cost per person per day | Duration (Days) | Meals per person per day | Accommodation per person per night | Total Training Costs Excl VAT | Price Per course |

### Plating

|                                       |           |   |         |         |           |            |
|---------------------------------------|-----------|---|---------|---------|-----------|------------|
| Advanced Plating Contour Marking      | R2,851.44 | 5 | R400.36 | R672.84 | R3,924.62 | R19,623.08 |
| Advanced Plating Developing           | R2,851.44 | 5 | R400.36 | R672.84 | R3,924.62 | R19,509.78 |
| Advanced Arc Welding                  | R2,851.44 | 5 | R400.36 | R672.84 | R3,924.62 | R19,623.08 |
| MIG & Tig Welding                     | R2,851.44 | 5 | R400.36 | R672.84 | R3,924.62 | R19,623.08 |
| Angle Grinder                         | R2,851.44 | 3 | R400.36 | R672.84 | R3,924.62 | R11,773.85 |
| Plating Torch Cutting and Gas Welding | R2,851.44 | 5 | R400.36 | R672.84 | R3,924.62 | R19,623.08 |

### Rigging

|                                                     |           |   |         |         |           |           |
|-----------------------------------------------------|-----------|---|---------|---------|-----------|-----------|
| Inspection & use of Overhead, Gantry and Jib Cranes | R2,851.44 | 1 | R400.36 | R672.84 | R3,924.62 | R3,924.62 |
| Inspection and Maintenance of Hoist Ropes           | R2,851.44 | 2 | R400.36 | R672.84 | R3,924.62 | R7,849.23 |
| Rigging Skills                                      | R2,851.44 | 2 | R400.36 | R672.84 | R3,924.62 | R7,849.23 |
| Advanced Rigging Skills                             | R2,851.44 | 2 | R400.36 | R672.84 | R3,924.62 | R7,849.23 |
| Safety Detachment Hook                              | R2,851.44 | 1 | R400.36 | R672.84 | R3,924.62 | R3,924.62 |
| Resin capping                                       | R2,851.44 | 2 | R400.36 | R672.84 | R3,924.62 | R7,849.23 |

### Winding Engine Courses

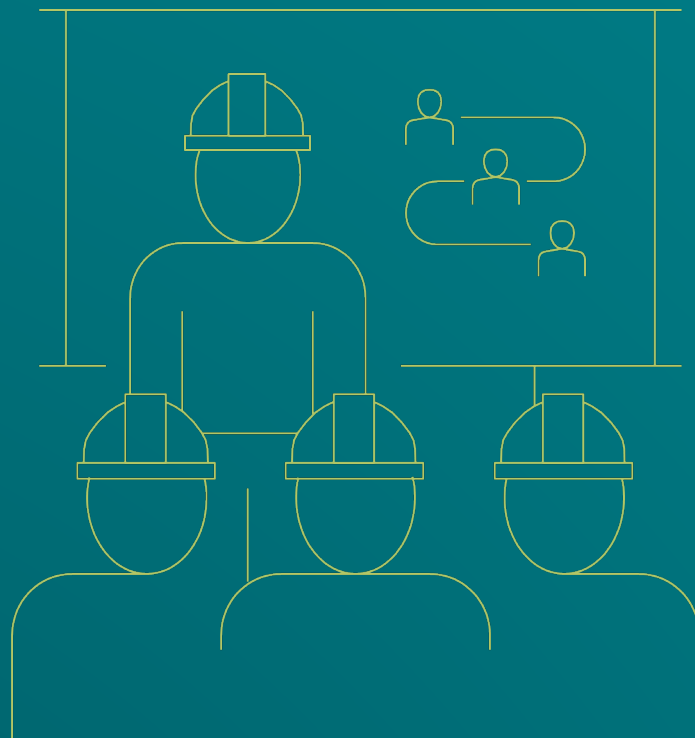
|                                        |           |   |  |  |           |           |
|----------------------------------------|-----------|---|--|--|-----------|-----------|
| Winding Engine Drivers Legal Refresher | R2,851.44 | 1 |  |  | R2,851.44 | R2,851.44 |
| Shaft Examination                      | R2,851.44 | 3 |  |  | R2,851.44 | R8,554.32 |

All costs are for a person per day.

| Item          | Cost    |
|---------------|---------|
| Accommodation | R672.84 |
| Meals         | R400.36 |
| Breakfast     | R121.04 |
| Lunch         | R139.66 |
| Dinner        | R139.66 |

**Note**

- Costs for specialised short courses provided for a single individual on daily basis.
- On-site training will be on request only and is subject to the availability of resources.



# Engineering Skills Training Centre (ESTC)

## Prospectus 2026

Tel: 011 411 6730

Website: [www.estc.co.za/prospectus](http://www.estc.co.za/prospectus)