



Physical: 141 Lamp Road, Wadeville, Germiston

Tel: (011) 827 4113/6. Fax: (011) 827 4118

Postal: P O Box 7104, Albemarle, 1410

E-mail: info@pandttechnology.co.za

www.pandttechnology.co.za

Directors: NC Du Plessis (managing), ED Du Plessis

ELECTRICAL GAP CLOSURE TRAINING (THREE PHASE) FOR CONSTRUCTION SETA

P & T Technology (Pty) Ltd Competency Training Institute is an accredited provider with the Construction SETA.

The training and development centre is situated at the 141 Lamp Road, Wadeville, Germiston.

Our Gap Closure training (three phase) program is used to close gaps identified during your assessment, against the curricular for a three phase electrician. The GAP training will be identified from the assessment evaluation report. The training modules are integrated into linked activities and will be assessed integrated assessment at the end of the program.

Based on the results of the evaluation assessment report, the assessor will indicate the gaps that would need to be closed, in order to participate in the final assessment as required for a three phase electrician

Module A – Motor and Starters

- Single phase motor test
- Three phase motor test
- Connect Single phase motor
- Connect Three phase motor
- Forward /Reverse capacitor start with contactors
- Forward/ Reverse Rotary Switch
- Dual speed motor
- Three phase Direct On Line Starter
- Three phase Forward/Reverse Starter
- Three phase Oscillating Starters
- Star/Delta Starter
- Sequence Starter
- Design different Sequences
- Resistance starter
- Relays

Module B – Wireways

- PVC Conduit
- PVC Trunking
- Flexible Conduit
- Testing cable
- Cable Tray
- Terminate cable
- Gland PVC Cable End
- Joining armoured cable

Module C –Installation Wiring

- KWH Meters & Load Balancing
- Distribution Board
- Socket Outlets
- 2 Way Switching
- Intermediate Switching
- Geyser circuits
- Stove circuits
- Installation Testing

Module D – Installing transformers

- Connect primary
- Connect secondary
- Auto Transformers 380 – 220V
- Current transformer and Potential Transformers

Target audience

- Electricians working in single and three phase installations.
- Electricians wanting to upgrade their knowledge on single phase installations, motors and starters.
- Electricians requiring assessment for trade test.

Pre-requisites

- CETA Pre trade test evaluation report from a CETA registered provider
- A minimum of 5 years proven workplace experience in single phase electrical industry. (a letter/s from employer/s giving full scope of experience)
- Personal Protective Equipment (PPE) - overalls and safety shoes are required. No person will be permitted in the assessment centre or to work without this PPE.
- Own tools and test equipment.

Course duration:

As determined by the assessor in the pre evaluation

Refreshments

Meals excluded.

Training duration and costs per candidate

| | | |
|--------------------------------------|---------|-------------------------------|
| Module A – Motor and Starters | 3 Weeks | R 12 702.00 including 15% Vat |
| Module B – Wireways | 1 Week | R 4 234.00 including 15% Vat |
| Module C – Installation Wiring | 1 Week | R 4 234.00 including 15% Vat |
| Module D – Installation transformers | 1 Week | R 4 234.00 including 15% Vat |

NOTE: This Training schedule is based on the current Trade Test and could change due to the implementation of the new Trade Test

TERMS AND CONDITIONS

- Short course classes are limited to 6 per class.
- Before booking and paying for a program please confirm if a program is fully booked or not.
- Application to be made by means of completing and returning enrolment form via web page, email or fax.
- We will communicate with you in five working days, if we have not communicated with you in this time please contact our office.
- Once your application is received, an invoice is generated and the payment will be due.
- On DIRECT TRANSFERS or DEPOSITS please quote invoice number.
- Fax or email proof of payment to 011 827 4118 or liz@pandttechnology.co.za.
- Bookings will only be confirmed when the payment is confirmed.
- You will only be permitted to attend the course if the payment has been made.
- Payments need to be received 7 working days prior to any course attendance.
- Cancellations of a course within 7 working days of the course will be charged in full.
- Cancellations of assessments for whatever reason will be charged in full
- The assessment is treated as a NATIONAL EXAM where applicable and cannot be cancelled.
- All re-assessments and cancelled assessments will be levied at a cost of 45% of the course fee and no negotiations will be entered into.
- Any other Code of practice not mentioned must be purchased separately.
- P and T Technology (Pty) Ltd reserves the right to cancel any program should there be less than 8 persons
- By forwarding the request for training or/and assessment you declare that you have read and understand the course /assessment criteria
- PLEASE NOTE: Should legislation, regulations or criteria change out of our control, our courses and assessment process and cost will change accordingly
- NB: It is your responsibility to ensure that you meet the registration criteria to be registered by the Chief Inspector as an Electrical tester for Single phase, Installation Electrician or Master Installation Electrician as defined in the Electrical Installation regulation.
- P and T Technology (Pty) Ltd cannot be held responsible for any criteria as required by SETA or by any other body for registration, accreditation or the like. You need to ensure you meet the relevant criteria.
- Safety criteria and conditions are to be adhered to at all times and you must ensure you have the relevant PPE and tools where required.
- P and T Technology (Pty) Ltd does not do accommodation bookings and cannot be liable for any issues relating to accommodation.

November 2019



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CETA Gap Training (Three phase) Enrolment Form

RETURN PROGRAM ENROLMENT FORM AND PROOF OF PAYMENT TO:

P and T Technology (Pty) Ltd Fax :- 011 827 4118 attention: Admin

Invoice Company:- _____

P. O. Box _____ Code:- _____

First Name _____ Surname _____

Title _____ ID Number _____

Tel:- (____) _____ Fax:- (____) _____

Cell No:- _____ email:- _____

Occupation _____ Company VAT NO. _____ (NB)

CONSTRUCTION SETA GAP CLOSURE TRAINING

- | | | |
|--|---------|-------------------------------|
| <input type="checkbox"/> A - Motor and Starters | 3 Weeks | R 12 702.00 including 15% Vat |
| <input type="checkbox"/> B – Wireways | 1 Week | R 4 234.00 including 15% Vat |
| <input type="checkbox"/> C –Installation Wiring | 1 Week | R 4 234.00 including 15% Vat |
| <input type="checkbox"/> D – Installing Transformers | 1 Week | R 4 234.00 Including 15% Vat |

I, _____ have read and accept the
Name and Surname

terms and conditions

Signature of delegate

Payment method

Cheque payable to P and T Technology (Pty) Ltd deposited into the account number below

Deposit / EFT deposit

Account details: Account holder: P and T Technology (Pty) Ltd

Bank: ABSA

Branch code: 631 – 142

Account Number: 4056618661

Tel (011) 827 4113/6

Fax (011) 827 4118

e-mail: janine@pandttechnology.co.za

Web: www.pandttechnology.co.za



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If the course is being paid by your company, please complete the form below and forward it **with** your **enrolment form**

| P AND T TECHNOLOGY (PTY) LTD PROCUREMENT - CUSTOMER INFORMATION | |
|--|--|
| Please complete this document and return to P and T Technology (Pty) Ltd | |
| Legal Status (e.g. (Pty) Ltd) | |
| Name of Business | |
| Company Registration Number | |
| VAT Registration Number | |
| Company Postal Address | |
| Contact Person | |
| Telephone Number/s | |
| Contact Person (Accounts) | |
| Telephone Number/s | |
| Fax Number | |
| Email Address | |
| | |
| Name of Bank | |
| Branch | |
| Branch Code | |
| Account Number | |
| | |
| Please complete the details and forward to: | |
| Attention | Admin |
| Email | liz@pandttechnology.co.za |