



**November 2019**

**Physical:** 141 Lamp Road, Wadeville, Germiston

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

**Postal:** P 0 Box 7104, Albemarle, 1410

**E-mail:** [info@pandttechnology.co.za](mailto:info@pandttechnology.co.za)

**www.pandttechnology.co.za**

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

## **Instrumentation Mechanician gap closure training**

P and T Technology (Pty) Ltd Electrical Competency Training Institute is an accredited provider with the Energy SETA and the CHIETA.

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

Our CHIETA Gap Closure training program is to close gaps identified during the pre-trade test evaluation. The training is to be selected as per the report from the evaluation. The weeks of training are integrated training and all weekly programs work as an integrated assessment.

Based on the results of the Pre trade test evaluation report, select the training that is required.

Eg: If the candidate needs training on Hand and Workshop tools Power tools he will need 2 weeks training but if a candidate needs training on Instrument maintenance he will require an 1 week training.

### **Module A - Hand and workshop tools**

#### **2 Week training covering the following**

- Induction and applicable safety
- Drawings and sketches
- Materials
- Marking off
- Hand tools
- Workshop tools
- Hand skills
- Basic lifting techniques
- Theory applicable to activities

**Training costs per candidate per Module A are R 8 468.00 including 15% Vat**

### **Module B - Welding**

#### **1 Week training covering the following**

- Induction and applicable safety
- Ark welding
- Gas welding
- Gas cutting and heating
- Theory applicable to activities

**Training costs per candidate per Module B are R 4 234.00 including 15% Vat**

### **Module C – Basic Electronics**

#### **2 Week training covering the following**

- Induction and applicable safety
- Solder and de-solder
- Basic electronics
- Basic circuit construction
- Theory applicable to activities

**Training costs per candidate per Module C are R 8 468.00 including 15% Vat**

**Module D – Control loops**

**2 Week training covering the following**

- Induction and applicable safety
- Electronic Equipment
- Electrical, electronic and pneumatic loop design, construction and fault finding
- Sensors and transmitters
- Control valves and positioners
- Theory applicable to activities

**Training costs per candidate per Module D are R 8 468.00 including 15% Vat**

**Module E – Pneumatic Control loops**

**2 Week training covering the following**

- Induction and applicable safety
- Design, construct and fault find pneumatic instrument components and installations
- Control valves and positioners
- Theory applicable to activities

**Training costs per candidate per Module E are R 8 468.00 including 15% Vat**

**Module F – Micro processor and PLC based instrumentation**

**2 Week training covering the following**

- Induction and applicable safety
- Electrical and electronic test instruments
- Electronic Equipment
- Micro processors
- Theory applicable to activities

**Training costs per candidate per Module F are R 8 468.00 including 15% Vat**

**Module G – Instrument maintenance**

**1 Week training covering the following**

- Induction and applicable safety
- Theoretical training of maintenance on pressure, level, flow and temperature instrumentation

**Training costs per candidate per Module G are R 4 234.00 including 15% Vat**

**Module H – Pneumatics**

**1 Week training covering the following**

- Induction and applicable safety
- Design, construct and fault find on pneumatic applications
- Theoretical training of maintenance on pressure, level, flow and temperature instrumentation

**Training costs per candidate per Module H are R 4 234.00 including 15% Vat**

**Pre-requisites**

- CHIETA Pre Trade Test Evaluation

**Course duration:**

As determined by the pre trade test evaluation report

**Refreshments**

Meals excluded.

**NOTE:**

**This Training schedule is based on the current Trade Test and might change due to the implementation of the new Trade Test.**

## TERMS AND CONDITIONS

- Short course classes are limited to 8 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.

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## Instrumentation Mechanician Gap Closure Training 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)

### CHIETA GAP CLOSURE TRAINING

- Module A - Hand and Workshop Tools (2 Weeks Training) R 8 468.00 including 15% Vat
- Module B – Welding (1 Weeks Training) R 4 234.00 including 15% Vat
- Module C – Basic Electronics (2 Week Training) R 8 468.00 including 15% Vat
- Module D – Control loops (2 Weeks Training) R 8 468.00 including 15% Vat
- Module E – Pneumatic Control loops (2 Weeks Training) R 8 468.00 including 15% Vat
- Module F – Micro processor & PLC based instrumentation (2 Weeks Training) R 8 468.00 including 15% Vat
- Module G – Instrument maintenance (1 Weeks Training) R 4 234.00 including 15% Vat
- Module H – Pneumatics (1 Weeks Training) 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](mailto:janine@pandttechnology.co.za)  
Web: [www.pandttechnology.co.za](http://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**

<b>P AND T TECHNOLOGY(PTY) LTD PROCUREMENT - CUSTOMER INFORMATION</b>	
Please complete this document and return to P and T Technology (Pty) Ltd	
<b>Legal Status (e.g. (Pty) Ltd)</b>	
<b>Name of Business</b>	
<b>Company Registration Number</b>	
<b>VAT Registration Number</b>	
<b>Company Postal Address</b>	
<b>Contact Person</b>	
<b>Telephone Number/s</b>	
<b>Contact Person (Accounts)</b>	
<b>Telephone Number/s</b>	
<b>Fax Number</b>	
<b>Email Address</b>	
<b>Name of Bank</b>	
<b>Branch</b>	
<b>Branch Code</b>	
<b>Account Number</b>	
<b>Type of Account</b>	
<b>Account Holder's Name</b>	
<b>Please complete the details and forward to:</b>	
<b>Attention</b>	Finance
<b>Email</b>	<a href="mailto:liz@pandttechnology.co.za">liz@pandttechnology.co.za</a>