

**January 2020**



**Reg. 1998/010169/07**

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

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

**Postal:** P O Box 7104, Albermarle, 1410

**Email:** info@pandttechnology.co.za

**Web:** [www.pandttechnology.co.za](http://www.pandttechnology.co.za)

<https://www.facebook.com/pandttech/>

**VAT reg.** 4290205808

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

## **Unit standards for Master Installation Electrician (Hazardous/specialised areas)**

### **Test, inspect and complete a certificate of compliance for an electrical installation in a hazardous area**

- Test and inspect an electrical installation in a hazardous area (Unit Standard No. 13821)
- Issue certificate of compliance for an electrical installation in a hazardous area (Unit Standard No. 13684)

**Next training course dates:** Refer to course calendar on the web page [www.pandttechnology.co.za](http://www.pandttechnology.co.za)

To check if you meet the criteria please refer to the Department of labour document on our webpage: <https://pandttechnology.co.za/courses/> under the heading Supporting documents to become a registered person

The training program is at our training centre at 141 Lamp Road, Wadeville, Germiston where relevant tools, processes and criteria will be demonstrated and provided.

Our programs are developed in such a way as to allow you to meet the requirements of the Department of Labour, in terms of accreditation application as well as to provide you with the necessary tools and expertise to confidently go out and inspect and test electrical installations using the knowledge and recourses available to you. After successful completion of the assessment you will receive documentary proof of successful completed unit standards of inspection, testing and certification of the relevant assessment from the Energy Sector Education and Training Authority (ESETA).

Registration for a Master Electrician is determined by the Department of labour. P and T Technology (Pty) Ltd is required to ensure competence for assessment of the above unit standards. Documentary proof of your process and documents used by you to inspect, test and certify any of the above type of electrical installation is a prerequisite for assessment process

The assessment for competence as required will be conducted after you have collected all evidence. The assessment process will include

- Evaluation of previous coached or self-inspection and testing tests conducted by you.
- A knowledge evaluation of applicable codes or standards.
- An onsite assessment to establish competence in inspection and testing and evidence recording.
- The completion of the supporting documentation of on site assessment.
- Completion of a Certificate of Compliance.
- Feedback and certification and ESETA communication.

### **Target audience**

- Electricians working in hazardous/specialised installations
- Maintenance electricians
- Electricians who issue Certificates of Compliance (CoC) on hazardous/specialised installations
- Electricians requiring assessments for Department of Labour accreditation application
- Electricians wanting to upgrade their knowledge of inspection and testing in hazardous/specialised electrical installations.

### **Pre-requisites**

Knowledge of relevant codes of practice linked to hazardous/specialised installations would be an advantage as this course applies the codes and practices.

### **Purpose of program**

To equip delegates with knowledge, skills and information to interpret codes, standards and legislation and thereby enabling them to conduct and record valid detail during hazardous/specialised electrical installations inspections and tests.

## Contents

- Applicable Occupational Health and Safety Act 85.1993 legislation
- Identification and assessment of area to be inspected.
- Hazardous/specialised area identification and zoning
- Recording of results and inspection report
- Tests to be conducted and interpreting readings
- Client reports and final inspections.
- Assessment preparation for delegates requiring competence assessment
- Practical application for inspecting and testing

## Training methodology used during course

- Interactive participative presentation
- Practical use of documentation and instruments will be done during course
- Programs are limited to a maximum of 15 delegates in order to allow delegate participation

## Course documentation provide

- Training manual
- Support material

Course duration:- 5 days (8:30 to 16:15)

## Refreshments

Tea/coffee and lunches provided for the course days only

## Certificates

All delegates assessed competent will receive a certificate and an ESETA statement of results

## Assessment criteria

The assessment for competence as required will be conducted after you have collected all evidence. The assessment process will include:-

- Evaluation of previous coached or self-inspection and testing tests conducted by you.
- A knowledge evaluation of applicable codes or standards.
- An onsite assessment to establish competence in inspection and testing and evidence recording. (This date will be allocated to the delegate during the duration of the course and **cannot be changed**)
- 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.
- An onsite assessment to establish competence in inspection and testing and evidence recording.
- The completion of the supporting documentation of on site assessment.
- Completion of a Certificate of Compliance.
- Feedback and certification and ESETA communication.

## TO BRING WITH TO THE COURSE

You will be required to bring your codes of practice relevant to inspecting, testing and certifying hazardous/specialised installations

The following codes need to be brought with to the Masters course.

**SANS 60079 – 10-1:** Explosive atmospheres Part 10-1 Classification of areas Explosive gas atmospheres

**SANS 10108 :** The classification of hazardous locations and the selection of apparatus for use in such locations (used with ARP 0108)

**ARP 108:** Regulatory requirements for explosion protected apparatus (if available from SABS. Previously they indicated that they will be discontinuing the printing of it. If this is the case then you will need to leave it )

The codes can be bought from SABS in Pretoria or via their webpage <http://www.store.sabs.co.za/> where they will send you a PDF version of the code.

## TERMS AND CONDITIONS

Before booking and paying for a program please ensure you are familiar with P & T Technology's terms and conditions, these can be found on our web page [www.pandttechnology.co.za](http://www.pandttechnology.co.za) or a copy can be requested from our administration office.

**Course cost - Training and assessment R 11 324.00 including 15% VAT**



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## Masters / Hazardous Unit Standard Program 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)**

### Unit standards for Master Installation Electrician (Hazardous/specialised areas)

Training program and assessment R 11 324.00 (inclusive of 15%VAT)

Date of selected program: \_\_\_\_\_

**The following codes need to be brought with to the Masters course.**

**SANS 60079 – 10-1:** Explosive atmospheres Part 10-1 Classification of areas Explosive gas atmospheres

**SANS 10108 :** The classification of hazardous locations and the selection of apparatus for use in such locations (used with ARP 0108)

**ARP 108:** Regulatory requirements for explosion protected apparatus (if available from SABS)

I, \_\_\_\_\_ **have read and accept the**  
**Name and Surname**

### TERMS AND CONDITIONS AS PER COURSE CRITERIA

\_\_\_\_\_  
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

To check if you meet the criteria please refer to the Department of labour document on the following link:  
<http://pandttechnology.co.za/wp-content/uploads/2011/03/Information-brochure-for-application-of-registered-persons-March-2014.pdf>



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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>Attention</b>	Finance
<b>Email</b>	<a href="mailto:liz@pandttechnology.co.za">liz@pandttechnology.co.za</a>