

# TECHNOSWITCH TRAINING COURSE INFORMATION

## GENERAL

1. It is essential to book training in advance.

Please contact the relevant branch to book your required training:

**JOHANNESBURG** +27 (0)11 794 9144

**CAPE TOWN** +27 (0)21 948 4575

**DURBAN** +27 (0)31 266 8843

2. Our training courses do not include instructions on certified installation methods (SANS 10139). We can however refer interested parties to the appropriate training organisations.
3. A minimum of 4 attendees is required for a training session to be conducted.
4. Technoswitch training certificates are valid for three (3) years.
5. Product information changes continually, therefore we strongly recommend that our clients do regular recap sessions during the three (3) year validity period.
6. Transportation & accommodation arrangements and costs related to the training, are the responsibility of the delegate.

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# TRAINING COURSE INFORMATION

## CONVENTIONAL Training (SAQCC Approved)

### SUPPLIER Training 1 (Days 1 & 2)

#### MODULE 1 – DAY 1

- Introduction to Fire
- Introduction to Technoswitch Conventional Equipment
- Connection of the following
  - Oryx202
  - Oryx204
  - SensoMAG, S65 & Orbis Detectors
  - Warning Devices
  - MCPs
  - Sense Windows

#### MODULE 2 – DAY 2

- Connection of the following
  - TEC04701
  - TEC247
  - TEC05701
  - TEC085A
  - Linear Heat Detection
  - Flame Detection

#### Duration

- 2 Days (09h00 to 16h00)

#### Training Code & Cost

- TRAINING-CON1
- R 1,300 excl VAT

#### Qualifying Requirements

- Delegates must bring their laptops to access the course material from the provided USB flash drives.
- Delegates must bring along a pair of side-cutters, as well as a small flat screwdriver.

#### Delegate is provided with

- Refreshments & lunch on both days.
- USB drive with full course material.
- Electronic Certificate of Competence, subject to passing exam.

## **INTELLIGENT** Training (SAQCC Approved)

### **Installation Course – Supplier Training 2 Basic (Day 1)**

- The fundamental features of intelligent fire panel
- The components of the intelligent fire system
- Configuration and wiring of the intelligent fire detection system
- The system setup and basic programming via on-board menu structure

#### **Duration**

- 1 Day (09h00 to 16h00)

#### **Training Code & Cost**

- TRAINING-INT1
- R 950 excl VAT

#### **Qualifying Requirements**

- Laptops are essential to access the course material on the USB drive provided. Each delegate must have one for the duration of the course.
- Basic computer knowledge is essential.
- Delegates must bring along a pair of side-cutters, a star screwdriver, and a small flat screwdriver.

#### **Delegate is provided with**

- Refreshments & lunch.
- USB drive with full course material.
- Electronic Certificate of Competence, subject to passing exam.

## **INTELLIGENT** Training (SAQCC Approved)

### **Commissioning Course – Supplier Training 3 Advanced (Days 2 & 3)**

- The advanced features of an intelligent fire panel
- The advanced logic mapping of the intelligent fire system
- Networking of intelligent panels
- Software programming
- System testing commissioning and fault finding

#### **Duration**

- 2 Days (09h00 to 16h00)

#### **Training Code & Cost**

- TRAINING-INT2
- R 1,800 excl VAT

#### **Qualifying Requirements**

- Laptops are essential - all attending delegates to bring them for the duration of the course.
- For the laptop, if you don't have a serial input, you will need a serial to USB converter.
- Basic Windows operating skills are essential.

#### **Delegate is provided with**

- Refreshments & lunch on both days.
- USB drive with full course material.
- Electronic Certificate of Competence, subject to passing exam.

## VESDA Aspiration Training

### Design Course (Day 1)

- How VESDA works with Animation
- VESDA Technology Information
- Current Generation Product Overview
- Peripheral Items (Modules, Sub racks, Sample points, Inline filters etc.)
- New Generation Product Overview
- Practical Design Exercises
- Design and Commissioning Tools (VSC and Aspire)

#### Duration

- 1 Day (09h00 to 16h00)

#### Training Code & Cost

- TRAINING-ASD2
- R 950 excl VAT

#### Qualifying Requirements

- Laptops are essential - all attending delegates to bring them for the duration of the course.
- Basic Windows operating skills are essential.

#### Delegate is provided with

- Refreshments & lunch on both days.
- USB drive with full course material.
- Electronic Certificate of Competence, subject to passing exam.

## **VESDA Aspiration Training**

### **Installation and Commissioning Course (Day 2)**

- The fundamental features and operation of VESDA
- Product Matrix
- Termination Card Overview
- Networking Basics
- Networking Examples
- Wiring of devices
- Commissioning of Devices – VSC Module
- Performance and Functional Testing
- Troubleshooting and Maintenance

#### **Duration**

- 1 Day (09h00 to 16h00)

#### **Training Code & Cost**

- TRAINING-ASD1
- R 950 excl VAT

#### **Qualifying Requirements**

- Laptops are essential - all attending delegates to bring them for the duration of the course.
- For the laptop, if you don't have a serial input, you will need a serial to USB converter.
- Basic Windows operating skills are essential.
- 1x HLI per company attending.

#### **Delegate is provided with**

- Refreshments & lunch on both days.
- USB drive with full course material.
- Electronic Certificate of Competence, subject to passing exam.

# STAT-X Aerosol Fire Suppression Training

## Course Outline

- Introduction to Stat-X
- How Stat-X works
- Features
- Installation & Application Overview with the Following Products:
  - TEC247 Combination Panel
  - TEC04701 Extinguishing Panel
  - TEC601 19" Rack Extinguishing Control Panel
  - TEC047RY Multiple Gas Area Interface Board
  - TC3001 Combination Panel
  - TEC05701 Externally Powered Extinguishing Release Interface

## Duration

- Half Day (09h00 to 13h00)

## Training Code & Cost

- TRAINING-EXT1
- R 750 excl VAT

## Qualifying Requirements

- Delegates must bring their laptops to access the course material from the provided USB flash drives.

## Delegate is provided with

- Refreshments.
- USB drive with full course material.
- Electronic Certificate of Competence, subject to passing exam.

# **BEAM Detection Training**

## **MODULE 1 – THE FIRE BEAM**

- Theory Introduction and Applications
- Practical Installation, Commissioning and Maintenance

## **MODULE 2 – OSID**

- Theory Introduction and Applications
- Practical Installation, Commissioning and Maintenance

### **Duration**

- Half Day (09h00 to 13h00)

### **Training Code & Cost**

- TRAINING-BMD1
- R 750 excl VAT

### **Qualifying Requirements**

- Delegates must bring their laptops to access the course material from the provided USB flash drives.
- A laptop is essential to configure the OSID beams.

### **Delegate is provided with**

- Refreshments.
- USB drive with full course material.
- Electronic Certificate of Competence, subject to passing exam.



# RE-CERTIFICATION TRAINING

1. Technoswitch re-certification training certificates are valid for three (3) years.
2. Re-certification training can only be attended if the candidate has full certification that has not expired for more than a year.
3. Re-Certification training can only be attended once.
4. If the re-certification has expired, the candidate will need to complete the full course to obtain certification.
5. If a candidate fails to pass re-certification training, the candidate will need to complete the full course to obtain certification.
6. A minimum of four candidates are required to conduct re-certification training.

## CONVENTIONAL Re-Certification Training

### Course Outline

- Practical Workshop
- Practical Exam

### Duration

- Half Day (09h00 to 12h00)

### Training Code & Cost

- TRAINING-CON1-RC
- R 550 excl VAT

### Qualifying Requirements

- Delegates must bring their laptops to access the course material from the provided USB flash drives.
- Delegates must bring along a pair of side-cutters, and a small flat screwdriver.
- Delegate must hold an original Certificate of Competence, not older than four years from date of issue.

### Delegate is provided with

- USB drive with full course material.
- A one-time, three (3) year extension of the holder's original Certificate of Competence (i.e. the delegate's Certificate of Competence can be renewed once by attending and passing the re-certification training).

## **INTELLIGENT** Re-Certification Training

### Installation Course – Supplier Training 2 Basic

- Practical Workshop
- Practical Exam

#### **Duration**

- Half Day (09h00 to 12h00)

#### **Training Code & Cost**

- TRAINING-INT1-RC
- R 550 excl VAT

#### **Qualifying Requirements**

- Laptops are essential to access the course material on the USB drive provided. Each delegate must have one for the duration of the course.
- Basic computer knowledge is essential.
- Delegates must bring along a pair of side-cutters, a star screwdriver and a small flat screwdriver.
- Delegate must hold an original Certificate of Competence, not older than four years from date of issue.

#### **Delegate is provided with**

- USB drive with full course material.
- A one-time, three (3) year extension of the holder's original Certificate of Competence (i.e. the delegate's Certificate of Competence can be renewed once by attending and passing the re-certification training).

### Commissioning Course – Supplier Training 3 Advanced

- Practical Workshop
- Practical Exam

#### **Duration**

- Half Day (13h00 to 16h00)

#### **Training Code & Cost**

- TRAINING-INT2-RC
- R 550 excl VAT

#### **Qualifying Requirements**

- Laptops are essential - all attending delegates to bring them for the duration of the course.
- Basic Windows operating skills are essential.
- For the laptop, if you don't have a serial input, you will need a serial to USB converter.
- Delegate must hold an original Certificate of Competence, not older than four years from date of issue.

#### **Delegate is provided with**

- USB drive with full course material.
- A one-time, three (3) year extension of the holder's original Certificate of Competence (i.e. the delegate's Certificate of Competence can be renewed once by attending and passing the re-certification training).

## **VESDA Aspiration** Re-Certification Training

### Installation and Commissioning Course

- Practical Workshop
- Practical Exam

#### **Duration**

- Half Day (13h00 to 16h00)

#### **Training Code & Cost**

- TRAINING-ASD1-RC
- R 550 excl VAT

#### **Qualifying Requirements**

- Laptops are essential - all attending delegates to bring them for the duration of the course.
- Basic Windows operating skills are essential.
- For the laptop, if you don't have a serial input, you will need a serial to USB converter.
- Delegate must hold an original Certificate of Competence, not older than four years from date of issue.

#### **Delegate is provided with**

- USB drive with full course material.
- A one-time, three (3) year extension of the holder's original Certificate of Competence (i.e. the delegate's Certificate of Competence can be renewed once by attending and passing the re-certification training).