

3 Day Course

in

PLS CADD & PLS Pole

Date/Venue:

8 – 10 April 2014 (Jhb)

24 – 26 June 2014 (Cape Town)

4 – 6 November 2014 (Jhb)

Hosted and Conducted by



**Authorised Technical Support
and Sales agents for**

POWER LINE[®]
S Y S T E M S · I N C ·

Overview

This 3 day course is aimed at taking a new user through all the steps required to define and analyse a pole structure in PLS Pole, and to produce a simple but concise line profile in PLS Cadd.

In Day 1 Pole structures are designed analysed, and optimized. In Day 2, a basic line profile is compiled. The course covers all steps from creating survey data, structure seed files, stringing conductor, performing design checks and finally creating profile sheets. On the final day, many of the more useful and advanced features of PLS Cadd are covered.

Course Curriculum

DAY 1 - PLS POLE

- Design of Wood / Steel and Concrete Poles
- Defining component libraries
- Defining pole geometries
- Defining loads
- Model checking and analysis
- Optimising elements

DAY 2 - PLS CADD I

- Overview of PLS Modeling Process
- Creating and Understanding Survey Points
- Defining Weather Load Cases
- Setting up conductor swing, templating, and mechanical criteria

- Creating and editing Method 1 Structures
- Manual Templating
- Automatic Spotting
- Generating .pfl profiles
- Setting up of profile sheets, drafting & annotation

DAY 3 - PLS CADD II

This module will enable the user to maximize the capabilities of PLS Cadd.

- Use of PLS Cadd / Lite & link to PLS Pole / PLS Tower
- Using Method 4 Structures (Finite Element Modelling)
- Overview of line optimisation process
- Optimum Spotting
- Management of preferences, backups and user defined libraries
- Advanced Display Options
- Inspect Design Check Reports
- Importation of digitised drawings
- Importation of data & data filtering
- Generating 3D .xyz profiles and TIN model functionality
- Guy and leg extension reports
- Investigating conductor swing
- Generation of 3D mpegs and Images (Virtual Line inspection)
- Generation of Stringing Charts
- Generation of Staking Tables
- Exporting & Viewing the line in Google Earth



REGISTRATION INFORMATION

Date: 8 – 10 April 2014
4 – 6 November 2014

Location: TAP Office, 400 16th Road,
Central Park, Block Q, Midrand (Map will
be supplied upon registration)

Date: 24 – 26 June 2014

Location: TAP Office, 163 Uys Krige Drive,
Tygerberg Office Park, Uitzicht Building,
Platteklouf (Map will be supplied upon
registration)

Registrants are responsible for their own travel
and accommodation arrangements. The names
of nearby hotels will be provided upon
registration.

Registration materials will be available at 08:00
on the first day of the course. The programme
will begin at 08:30 and end at approximately
16:30 every day.

Registration Fee Schedule:

All Delegates requires a laptop to attend
the training

R7 500 (excluding VAT)

**YOU MUST HAVE ADMINISTRATION RIGHTS
ON YOUR LAPTOP TO ENABLE US TO LOAD
THE SOFTWARE FOR THE TRAINING**

Enrolment for each course is limited to 15
people, and advance registration is required.
Registration will be accepted on a first come,
first served basis. The registration fee covers
the three-day course, course materials, and
refreshments during all course breaks.

To register, please complete the attached form
and send it with registration fees to:

Trans-Africa Projects
P.O. Box 6583
Midrand
1685
South Africa

Attn: Ms Mara Venter

Tel: +27 11 205 9430

Cell: +27 82 887 8307

Fax: +27 (0)86 529 4021

E-mail: mara@taprojects.co.za

Cheques to be made out to Trans-Africa
Projects.

Note:

**Attendance will only be confirmed once
the registration form and payment has
been received.**

Cancellation and Withdrawal Policy

If a course is cancelled, we will contact the
participants and provide a full refund. Liability
is limited to the return of the course
registration fee. If a registrant chooses to
withdraw up to fifteen days prior to the start of
the course, the fees will be refunded in full.
However, if a refund is required within fifteen
days of the start of a course, a R250
administration charge will be deducted.
Registration may be transferred to another
person.

REGISTRATION FORM PLS CADD & PLS POLE TRAINING COURSE

(Please provide names of all registrants)

Title: _____ First Name: _____

Surname: _____

Organisation: _____

Telephone: _____ Cell: _____

E-mail: _____

(Please provide Accounts Department Details)

Company Name: _____

Address: _____

Address: _____

Address: _____

City: _____

Postal / Zip Code: _____

Country: _____

Telephone: _____

Fax: _____

VAT Registration No: _____

Company Registration No: _____

Special Dietary Requirements (Specify):

Purchase Order No: _____

Managers Signature: _____

Managers Telephone No: _____