

CHEMPUTE SOFTWARE

Personal Computer Software for the Engineering Industry

22-24 July 2019

Pressure Vessel and Heat Exchanger Design Course
using PV Elite

Registration form

General Scope

The basic theoretical background to pressure vessel design and vessel component analysis is covered, including compliance with mechanical codes.

Training makes use of PV Elite, Codecalc and NozzlePro Software. A discussion/ question/answer format is also employed in order to maximize retention of course material and theoretical concepts.

Some of the specific topics covered are outlined below.

Chempute Software will provide training venue, computers, training dongles, printed training notes, teas, lunches, course certificate.

3 CPD points are awarded according to the ECSA Continuing Professional Development program.

NB: Please bring a calculator to the course.

Audience

Design Engineers working in the fields of boiler, pressure vessel and heat exchanger design and analysis; practicing vessel engineers requiring background on Code compliance and trends in vessel design.

Existing and prospective PV Elite users.

Course Content

- Toolbars, configuration, units, design parameters, model building basics
- Material database
- Simple Component Design
- Tall Tower and Horizontal vessel to ASME VIII Division 1
- Code comparisons (ASME VIII, PD 5500 and EN 13445)
- Designing an EN 13445 vessel
- Converting models from ASME VIII to EN
- Fatigue
- Legs and Lugs and other component designs
Fitness of Purpose (API 579)
- Vessel Design – other general capabilities
- Heat exchanger designs
(Fixed, Submerged Floating Head and U Tube)

The logo for PVE PV Elite software. It features a teal square with a white curved line on the left side, followed by the text "PVE" in white on a teal background and "PV Elite" in black on a white background.

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How to enroll

Complete the registration form and e-mail through to:



training@chempute.com or lkylander@chempute.com.

Acknowledgement will be e-mailed back to you.

- Final confirmation of your booking and all details of the course will be e-mailed to you only on receipt of full payment for the course.
- To finalize your booking, please provide an approved purchase order document or proof of payment.

Conditions of registration

- By signing and returning this form, you will be registered on the course and will be liable for payment. Please ensure that you have proper authorisation to do this.
- Cancellations are accepted in writing and without penalty up to 14 days prior to the start of the training.
- Delegates cancelling in writing between 7 and 14 days prior to the start of the training will be liable for 25% of the training cost.
- Delegates cancelling in writing less than 7 days prior to the start of the training will be liable for 50% of the training cost.
- Full Payment needs to be received by Chempute Software prior to the training.
- In case of insufficient delegates for the training, Chempute Software may cancel this course.
- In this case, registered delegates will be notified and any payments will be refunded

Meet our Presenter - Hans Ruff

Hans Ruff is of Swiss Nationality, and has spent the last 45 years in the fields of mechanical design/draughting, welding, design of road tankers, boilers, pressure vessels, storage tanks, and heat exchangers, and also the inspection of pressurized equipment.

He currently runs a consulting business in Johannesburg called SC&A Projects, and uses PV ELite software program on a regular basis.



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Registration form

Course Name:

Pressure Vessel and Heat Exchanger Design Course using PV Elite

Dates:

22-24 July 2019

Course Time:

8:00 am - 4:30p.m

Duration

3 Days (3 CPD)

Location:

Chempute Software / Unit G14
Pinewood Office Park, Pinewood Square,
33 Riley road,
Woodmead, Sandton

Delegates Information:

Title	Mr		Mrs		Ms		Other	
First Name				Surname				
Occupation				Company				
Cell				Tel				
Email								
Special Dietary Requirements:								

Billing Information:

Full Company Name								
VAT Registration Number								
Full Address (To which invoice must be sent):								

Procurement / Accounts Contact Information:

First Name				Surname				
Cell				Tel				
Email								

PV Elite Course (3 CPD):

1st Delegate
2nd / Additional Delegates from same Company Less 10 %

Cost of Course:

R 10 500 Excl. VAT

I have read and agreed to all the conditions of enrolment and payment as stipulated in this registration form:

Signature:

Date:



Direction to the Venue

33 Riley road, Woodmead, Sandton, Pinewood Square, Pinewood Office Park, Chempute Software, Unit G14

Directions from Pretoria to 33 Riley Road, Woodmead, Sandton

Continue on Ben Schoeman Fwy/Pretoria Main Rd to Rivonia, Sandton. Take exit 100-Sandton from N1 Western Bypass

- ⤴ Merge onto Ben Schoeman Fwy/Pretoria Main Rd/N14
- ➡ Keep right to continue on Ben Schoeman Fwy/Pretoria Main Rd
- ↑ Continue onto Ben Schoeman Fwy/Pretoria Main Rd/N1
- ↘ At the interchange 104-Buccleuch, keep left and follow signs for N3 toward Germiston/Durban
- ↗ Keep right at the fork follow signs for Roodepoort/Bloemfontein/N1
- ↑ Continue onto N1 Western Bypass
- ↘ Use the left 2 lanes to take exit 100-Sandton toward M9 N

Take Witkoppen Rd to Riley Rd in Woodmead

- ⤴ Use the right lane to merge onto Rivonia Rd/M9
- ➡ Use the right 2 lanes to turn right onto Witkoppen Rd
- ➡ Turn right onto Bowling Ave
- ↙ Turn left at the 1st cross street onto Riley Rd

Directions from Northern Side to 33 Riley Road, Woodmead, Sandton

Take Witkoppen Rd and Riley Rd in Woodmead

- ⤴ Use the right lane to merge onto Rivonia Rd/M9
- ➡ Use the right 2 lanes to turn right onto Witkoppen Rd
- ➡ Turn right onto Bowling Ave
- ↙ Turn left at the 1st cross street onto Riley Rd