

Registration form for classroom training

11 to 15 May 2026**Pipe stress analysis using CAESAR II (Statics)**

What to expect when attending

The basic theoretical background to pipe flexibility analysis is covered, including compliance with piping codes. The course addresses Static Analysis only. A separate 5-day course is available that addresses Advanced Statics and Dynamic Analysis.

The presentation is based on hands-on solution of example problems to illustrate Pipe Stress Analysis using CAESAR software. No previous experience in the use of CAESAR is required, but some background in pipe stress analysis is desirable.

A discussion / question / answer format is also employed to maximize retention of course material and theoretical concepts.

Persons attending the training should expect to leave the course with a basic working knowledge of CAESAR II, and pipe flexibility analysis.

Chempute Software will provide training venue, computers, training license, printed training notes, teas/coffees, light breakfasts and lunches, course completion certificate.

Who should attend this course



Engineers in the piping design and analysis field, practicing piping engineers requiring background on Code compliance and trends in piping design, analysis and fabrication, New and prospective CAESAR users.

Meet our Presenter – Alan Stewart



Born in Zambia in 1957, Alan Stewart has been involved in Pipe Stress Analysis work for many years. He attended lectures in Finite Element Stress Analysis and General Stress/Strain theory at Wits University - 1984.

Later, he attended formal CAESAR training conducted by Rex Evans (co-founder of Coade), followed by training in FE/Pipe by Tony Paulin (co-founder of Coade and Paulin Research Group), and Advanced Caesar training by Dave Diehl (head of training at Coade). Alan has been presenting CAESAR training courses for Chempute Software for nearly 20 years, during which time he has presented around 50 training courses in both Basic and Advanced Topics, in South Africa, Nigeria, Kuwait, UAE, and Saudi Arabia.

He is a pipe stress consultant to Power Generation, Petro Chemical and other industries

What topics will be covered



- Introduction (interface, units creation, how CAESAR II works, etc.)
- Piping code basics, theory, and development (failure theories, code equations)
- Data input methods
- Load based piping design, supporting for deadweight.
- Expansion stresses and resolving system stress/flexibility issues; Equipment load compliance (incorporating System Re-Design, Structural Steel, Variable Spring Supports, Expansion Joints, Nozzle Flexibilities, Local Stresses,
- API 610 Pumps, Load Case Set-up)
- Deliverables including custom reports, output filters, isometric creation
- Combining models
- Modelling and analysis of a transmission line (incorporating buried pipe, fatigue, B31.8 code, load case manipulation)
- Modelling and analysis of jacketed riser (incorporating jacketed pipe and 'spider' supports, wave loading, wind loading, modelling using block lists)
- Modelling and analysis of FRP Piping System (incorporating FRP material set-up, creating new materials, theory of FRP analysis, static-seismic loads)
- Analysis documentation and workshop* (incorporating model generation, system evaluation and re-design in a 'do-it-yourself' session)

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.

T's & C's



If you find it necessary to cancel your online training session, please contact our office immediately at training@chempute.com / lkylander@chempute.com or +27 11 803 6559

- By signing and returning this quotation, you agree on the stipulated policy points for online training and will be liable for payment. Please ensure that you have proper authorisation to do this.
- Any cancellations received less than 3 working days before the date of the booked class, the full fee will be payable, and no refunds or credit notes will be given.
- If a registered attendee does not cancel and fails to attend the booked class, this will be treated as a cancellation and no refund or credit note will be issued.
- No refunds will be issued for missed or unused services.
- 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.

Sign to acknowledge Cancellation Terms: _____

Enrolment form to attend training

11 to 15 May 2026

Pipe stress analysis using CAESAR II (Statics)

Cost of course	R 19 450 per person excluding VAT (10% discount is granted for every 2nd, 3rd etc. registration from the same company)
Course Times	8:30 am (SAST) - 4:30 pm (SAST)
Duration	5 Days (5 CPD)
Location	33 Riley Road, Pinewood Office Park, Woodmead, 2195, UNIT G14

Attendee Information

Title ((Mr. /Mrs. /Ms. /Other)		Occupation	
Cell		First Name	
Office Number		Surname	
Email			
Special Dietary Requirements			

Billing Information

Full Company name	
VAT Registration number	
Full Address (To which invoice must be sent):	

Procurement Information

Title ((Mr./Mrs./Ms./Other)		Occupation	
Cell		First Name	
Office Number		Surname	
Email			

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

Signature

Date