



2KG TRAINING

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API 570 – Piping Inspector (preparation course)

API 570 Training

This course is designed for individuals who are interested in obtaining the API 570 certification or who want to expand their knowledge and skills in the field of piping systems

Who should attend this course?

- Inspection personnel who are responsible for conducting piping inspections and evaluations.
- Engineers who are involved in the design, construction, repair, alteration, and maintenance of piping.
- Managers and supervisors who oversee the operation and maintenance of piping.
- Regulators who are responsible for enforcing compliance with piping regulations and standards.
- Anyone who is interested in learning more about piping systems and the API 653 standard.



Course objectives

- Comprehensive coverage of the API 570 "Body of Knowledge," including ASME welding requirements for piping as outlined in Sections IX and B31.3 VIII
- Review of piping design per ASME B31.3, addressing weld sizes, pipe branch reinforcement, brittle fracture, weld efficiency, and post-weld heat treatment
- Assessment of corrosion, determining minimum thickness, and calculating remaining life
- Principles and applications of ASME Non-destructive testing as specified in Section V.
- Practices for piping inspection, repair and re-rating in line with API 570, covering inspection intervals, requirements, and connections to ASME codes
- Analysis of inspection and degradation mechanisms, including corrosion, cracking, erosion, common corrosive agents, hydrogen and H2S damage, and alloy degradation

Course content

The course covers the requirements as per the official API "Body of Knowledge".

The course content for each day is as per below:

DAY 1: ASME B31.3 & 16.5

- Scope and definitions
- Design and erection
- Inspections, examinations & testing
- Sizes, marking & dimensions of flanges

DAY 2: API 570 & API 574

- Scope and definitions
- Owner / User organization
- Inspection & testing practices
- Inspection intervals & extend of the inspection activities
- Inspection data evaluation, analysis & recording
- Inspection practices as per API 574

DAY 3 – ASME IX & API 577

- Purpose and organization of ASME IX
- PQR, WPS, WQT
- Destructive Testing (DT)
- Welding inspection and processes
- Metallurgy

DAY 4 – ASME V

- Code organization and general requirements
- Basics of RT, MT, PT and UT
- Overview of relevant repair practices as per ASME PCC-2

DAY 5: API 571, API 576 & API 578

- Relevant damage mechanisms
- Overview of material verification programs
- Inspection practices of PRD's

Disclaimer:

Enrolling in this course does not automatically enrol you for the examination. To register for the API exam, you must complete a separate registration process following the instructions on the API website. If you have not registered for the exam yet, you can obtain an application form from the API website.

You can buy the necessary codes and standards (exam packs) for your preparation from multiple online sources. The exam pack must contain the official API 570 Exam Administration – Publications Effectivity Sheet.



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Registration Form

Number of days: 5

CPD Points: 5

How to register for the course:

1. Complete this registration form and fax it to Phindi Chauke: Tel: 011 325 0686 Fax: 011 325 0488 Email: phindi@2kg.co.za
2. Acknowledgement will be emailed to you.
3. Final confirmation and details will be faxed or emailed to you approximately 7 days before the commencement of the seminar.

Cancellation Policy:

By signing and returning the registration form, the authorizing signatory on behalf of the stated company is subject to the following terms and conditions.

- All cancellations must be received in writing.
- Any cancellations received less than 7 working days before the date of the event, the full fee will be payable and the delegate can attend the next scheduled training course.
- In case of insufficient applications for the workshop 2KG reserves the right to cancel the seminar. Applicants will be informed, and all fees will be refunded immediately.

Delegate information:

Title: _____ Surname: _____ Name: _____
 Full Company name: _____ Job Title: _____
 Postal Address (to which invoice must be sent): _____

Code: _____ VAT number: _____
 Tel: () _____ fax: () _____
 Cell: _____ Email: _____

Contact/ Accounts information:

Title: _____ Surname: _____ Name: _____
 Tel: () _____ fax: () _____
 Cell: _____ Email: _____

Please tick the course that you would like to attend:

Conventional Classroom

8 - 12 June 2026 , (5 days)
Johannesburg ,R23 650.00 (excl VAT)

Live Virtual Classroom

Date to be advised , (5 days)
Johannesburg ,R19 020.00 (excl VAT)

I have read and agreed to all the conditions of registration as stipulated in this brochure.

Signature

Date

For more info and to register contact Phindi Chauke on tel: 011 325 0686 or cell: 071 125 6188 and email: phindi@2kg.co.za or visit www.2kg.co.za