



Pipeline Corrosion Integrity Management (PCIM) Course and Exam Preparation

DURATION

5 days

CONTACT HOURS

30

LEVEL

Intermediate

FEE PER DELEGATE

US\$1,500

Managing pipeline corrosion as a programme: the mechanisms, the controls, the monitoring and the evidence.

A pipeline fails where it was not being watched. Corrosion management is therefore less about any single technique than about covering the whole asset with a defensible combination of them, and being able to show that the combination is working. This week moves through the mechanisms a pipeline actually suffers, internal and external, then through the controls: coatings, cathodic protection, inhibitors, cleaning and dewatering. It closes on monitoring and assessment, because a programme that cannot demonstrate its own effectiveness tends to be cut in the next budget round whether or not it was working.

Available as classroom, live online, in house.

Who it is for

Pipeline integrity and corrosion engineers, cathodic protection technicians, maintenance and operations engineers on transmission or gathering systems, and integrity managers.

What you will be able to do

- Identify the corrosion mechanisms credible on a given pipeline.
- Specify and verify external coating and cathodic protection.
- Design an internal corrosion control programme for the fluid actually carried.
- Interpret inline inspection data and act on it in priority order.
- Evidence the programme well enough to defend it to a regulator.

The outline

DAY 1

Mechanisms

External corrosion and coating disbondment · Internal corrosion: sweet, sour, under deposit and microbiological · Stress corrosion cracking · Where each mechanism concentrates along a line

DAY 2

External control

Coating types, selection and failure · Cathodic protection principles · Criteria, surveys and interference · Close interval and coating surveys

DAY 3

Internal control

Fluid analysis and corrosivity prediction · Inhibitor selection, injection and verification · Cleaning pigs, dewatering and biocide · Coupons, probes and sampling

DAY 4

Inspection and assessment

Inline inspection tools, and what each detects · Interpreting anomaly data and tool tolerance · Assessing metal loss and setting dig priorities · Direct assessment where a line cannot be pigged

DAY 5

The programme

Threat based planning and review cycles · Records, trending, and proving effectiveness · Examination preparation, and the question styles to expect

What you leave with

- A corrosion threat assessment for one line.
- A monitoring plan with locations, methods and frequencies justified.
- A dig and repair prioritisation drawn from inspection data.

Published dates

DATES	WHERE	FEE
23 to 27 November 2026	Cairo, Egypt	US\$1,500
30 November 2026 to 4 December 2026	Nairobi, Kenya	US\$1,500
7 to 11 December 2026	Kampala, Uganda	US\$1,500
14 to 18 December 2026	Dubai, United Arab Emirates	US\$1,500

Fees are per delegate and cover all course materials. Registration is arranged by the delegate. Reg

Register or ask a question

globalaxistraining.co.za/courses/pipeline-corrosion-integrity-management-pcim-course-and-exam-preparation

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