Pressure Equipment Regulations (PER) and SANS 347 ED 3.1 (2024)

Categorisation, Conformity Assessment, Importing and Procurement, Inspection, Repairs and Records

FORMAT	DATE	CPD POINTS	
Live Online	17 November 2026	2 CPD Points	R 5 999 per delegate

Overview

Pressure equipment is regulated in South Africa under the Pressure Equipment Regulations, 2009 (PER), made in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993). The PER require all pressure equipment to be categorised and to undergo the conformity assessments set out in SANS 347, and they place specific duties on manufacturers, importers, suppliers and users.

This one-day programme is built around the questions compliance teams actually face: What category is this vessel? What documents must come with it? Does an imported, ASME-stamped or CE-marked item still need verification? When must an approved inspection authority be involved? What must be inspected, how often, and what must be on file?

Categorisation → Conformity Assessment → Importing and Procurement → Inspection, Repairs and Records

The course is aligned to SANS 347:2024 (Edition 3.01) and the Guidance Notes to the PER (Revision 2, 2017). Delegates work through realistic document-review scenarios and leave with a compliance review checklist they can apply immediately.

Who Should Attend

- Plant, Mechanical and Project Engineers
- Engineering and Maintenance Managers
- Occupational Health and Safety Practitioners
- Quality Assurance, Inspection and Testing Personnel
- Pressure Equipment Users and Responsible Persons
- Manufacturers, Importers and Suppliers
- Procurement and Technical Purchasing Professionals
- Installation and Maintenance Contractors

Learning Outcomes

By the end of the programme, delegates should be able to:

- ✓ Identify which parts of the PER, SANS 347 and the Guidance Notes apply to a given item of pressure equipment, including legacy equipment.
- ✓ Categorise a pressure vessel or piping item (SEP, I, II, III or IV) from the equipment type, fluid state, fluid group and design data.
- ✓ Match a hazard category to the conformity assessment expected and the documents that should result.
- ✓ Review an imported equipment file and identify missing or inconsistent documentation.
- ✓ State the duties of manufacturers, importers, suppliers and users under the PER.
- ✓ Determine inspection and test requirements for in-service equipment, and when an approved inspection authority is required.
- ✓ Identify when a repair or modification requires a certificate, re-rating or re-certification.
- ✓ Assemble a compliance file and recognise when to refer a matter to an approved inspection authority or other qualified professional.

One-Day Programme: From Regulatory Framework to Practical Compliance

Modules 1 to 6

1 The Regulatory Framework

How the OHS Act, the PER and incorporated standards fit together; incorporation of standards by notice.

- Standards incorporated into the PER, including SANS 347 and SANS 10227, and the status of the Guidance Notes (Revision 2, 2017).
- Scope: the design pressure threshold, listed exclusions, and the treatment of equipment in use or on order before the PER took effect.
- Legacy equipment: what pre-PER and pre-1992 equipment does and does not require.
- Offences and penalties; the role of the chief inspector, including dispute referral.
- Regulatory horizon: the 2021 draft PER and how to monitor changes. Using current editions only.

2 Hazard Categorisation under SANS 347

The categorisation inputs: equipment type, fluid state (gas or liquid), fluid group (1 or 2), design pressure, and volume or nominal diameter.

- Reading the categorisation figures to arrive at SEP, Category I, II, III or IV.
- Equipment types covered: pressure vessels, steam generators, piping, pressure accessories and safety accessories.
- Assemblies and how component categories affect the assembly.
- Where the hazard category appears: data plates and certificates.
- Worked categorisation exercises and the most common errors.

3 Conformity Assessment and the Role of the AIA

Purpose of conformity assessment and how categories drive the choice of modules.

- Manufacturer duties: final inspection, pressure test, certificate of manufacture, latent defect reporting.
- Modules for manufacturers with and without a certified quality system; single and serial production.
- Approved inspection authorities: SANAS accreditation, SANS 10227, approval by the chief inspector.
- Certificate of manufacture, certificate of conformity and declaration of conformity: what each means and when each is expected.
- Manufacturing records and retention.

4 Importers, Suppliers and Imported Equipment

- Importer liability: the importer assumes the manufacturer's liability. Who counts as the importer, including entities managing procurement for a user.
- The conformity assessment review the importer must perform and when an approved inspection authority must verify it.
- Acceptance routes by marking: ASME and API, CE (PED), Pi, DoT, and Rho/UKCA.
- The ASME deemed-compliance provision compared with SANS 347 importer verification.
- Foreign inspection and certification bodies and the accreditation they must hold.
- Documentation checks: certificates, traceability, instructions for the user, and global conformity assessment for assemblies.
- Procurement and equipment-acceptance red flags.

5 Users: Registration, Inspection, Repairs and Records

User duties under the PER, including certificates before commissioning.

- Steam generator registration with the provincial director.
- Safety accessories and pressure measurement requirements.
- Initial inspection and test after installation; what Category I equipment allows the user to do.
- In-service intervals: 36-month inspection and hydraulic test of vessels and steam generators, 12-month external inspection of fire-tube steam generators, piping requirements, and the conditions for extended intervals.
- Risk-based inspection as an alternative, and the verification it requires.
- Repairs, modifications, re-rating and re-certification: certificates, data plates and AIA involvement; reinstatement of conformity.
- Building and maintaining the compliance file.
- Orientation only: gas systems, transportable gas containers and fire extinguishers (Regulations 17 to 19) sit outside the scope of this course.

6 Guided Scenarios and Knowledge Assessment

Delegates work in groups through four compliance scenarios, then complete a short assessment.

- An imported ASME-stamped air receiver arrives with partial documentation.
- A CE-marked skid assembly: is the assembly categorised and verified correctly?
- A steam generator with lapsed inspections and a locally repaired pressure part.
- A vessel installed before the PER took effect, now proposed for re-rating.
- Facilitator-led review of findings and referral decisions.
- Short knowledge assessment.

Registration Form

Pressure Equipment Regulations (PER) and SANS 347 ED 3.1 (2024) | 17 November 2026 | Live Online

R 5 999
per delegate

BOOKING CONTACT (APPROVING OFFICIAL)

FULL NAME (MR / MRS / MS)

POSITION

COMPANY NAME

VAT NUMBER

TELEPHONE

EMAIL

ADDRESS

SIGNATURE

DATE

FINANCE AND PAYMENT

PERSON RESPONSIBLE FOR FINANCE

DIRECT TEL NO.

DATE OF PAYMENT

PURCHASE ORDER / REFERENCE NO.

ACCOUNT HOLDER	BANK	BRANCH	ACCOUNT NO.
Independent Training Management (Pty) Ltd	FNB South Africa	Randburg (251650)	62685879276

DELEGATES ATTENDING THIS WORKSHOP

#	FULL NAME	POSITION	EMAIL
1			
2			
3			
4			
5			

Course Deliverables

- 2 CPD Points
- Compliance review checklist to apply immediately
- Realistic document-review scenarios
- Short knowledge assessment

TERMS AND CONDITIONS

1. **Fees** are current at time of print; Independent Training reserves the right to change them.
2. **Additional delegate rates** apply for bookings made at the same time, on the same course.
3. **Confirmation**: on receipt of this form and payment/PO, you will receive email confirmation with venue details, map and start times.
4. **Attendance**: no learner may attend without proof of payment or an order number.
5. **Substitution**: delegate substitutes may be made at any time at no penalty, provided we are notified in writing.
6. **Payment** is due 5 working days before the course by cheque or EFT, quoting the invoice reference and organisation name. Cancellations must be emailed to Independent Training; please notify us immediately of any reschedule or cancellation.

CANCELLATION CHARGES

11 to 30 days before course	10%
6 to 10 days before course	20%
4 to 6 days before course	30%
1 to 3 days before course	50%