



API 1104 (22nd Edition) Welding of Pipelines Training Program

02-03 October 2026 | Mode: Online

Key Objective

The key objective of this program is to develop participants understanding of API 1104 (22nd Edition) and its requirements for the welding of pipelines. The training aims to help participants effectively apply the code requirements in their professional work through case studies, real-world examples, and insights based on industry experience. The course is delivered primarily at the “knowledge” level and includes case studies and comparisons between API 1104 22nd Edition and previous editions of the code.

Why this matters now?

The 22nd Edition tightens requirements around mechanized welding, in-service welding, welder requalification, and NDT acceptance criteria for high-strength line pipe (X70/X80). Missing these updates can mean non-compliant WPS/PQRs, rejected girth welds, or costly rework.

Who should attend?

This course is tailored for professionals employed as “engineers and technicians” with 5–10 years of experience in the oil & gas/energy sector, particularly in pipeline construction, inspection, or QA/QC. Participants are bilingual, with English as a second language, and require the knowledge to apply API 1104 confidently on live projects.

What you will gain?

- The 22nd Edition tightens requirements around mechanized welding, in-service welding, welder requalification, and NDT acceptance criteria for high-strength line pipe (X70/X80). Missing these updates can mean non-compliant WPS/PQRs, rejected girth welds, or costly rework. Decode the structure and intent of API 1104 (22nd Ed.)
- Apply essential variables correctly for WPS/PQR qualification (process, filler, base metal, thermal, joint design)
- Interpret NDT acceptance criteria (RT/UT/MT/PT/AUT) and the code's density-based area calculation for rounded indications – a key differentiator from ASME/ISO.
- Learn from real case studies on girth welds, in-service welding, and mechanized processes with filler metal
- See 22nd vs. 21st Edition changes that impact your daily decisions (Charpy testing, repair welding qualification, filler-metal restrictions, titanium scope).

Program at a Glance

- API 1104 (22nd Ed.) overview & code navigation
- Qualification of procedures & welders (essential variables, PQR evidence)
- Joint design & preparation for pipeline girth welds
- Inspection & NDE: RT/UT/MT/PT/AUT acceptance rule
- Mechanized welding with filler metal
- Girth welds & in-service welding (including repair procedures)

Course Fee: ₹21,240/-

Inclusive of GST 18%

Note:

1. ASNT Re-certification points will be provided for the attendees
2. Attendees will also receive PDH and Attendance Certificate issued by AWS

REGISTER NOW

For More Information:

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