

ARE YOU IN COMPLIANCE?

API In-Service Equipment Integrity

API 510 (Pressure Vessels)

- ☐ Written inspection/repair/alteration program in place
- ☐ CMLs identified, thickness monitoring data current
- ☐ Corrosion rates & remaining life documented
- ☐ Relief devices (PRDs) inspected, tested & certified
- ☐ Repair/alteration packages approved by API-510 inspector
- ☐ Inspector certification (API-510) current

API 570 (Piping Systems)

- ☐ Circuits & CMLs defined, incl. dead legs & injection points
- ☐ Thickness/CUI monitoring records current & traceable
- ☐ NDE (UT, RT, MT/PT, PMI) performed & documented
- ☐ Repairs/re-rates signed off with complete documentation
- ☐ Inspector certification (API-570) current

API 653 (Aboveground Tanks)

- ☐ External inspections completed per interval requirements
- ☐ Internal inspections (floor, shell, roof, welds, appurtenances) documented
- ☐ Settlement & foundation evaluated & recorded
- ☐ Repairs per API 653 with inspector approval
- ☐ Inspector certification (API-653) current

Risk-Based Integrity Tools

- ☐ RBI program (API 580/581) documented, current, & intervals justified
- ☐ FFS assessments (API 579-1/ASME FFS-1) performed for flaws/damage

OSHA Compliance Programs

Process Safety Management (29 CFR 1910.119)

- ☐ Written MI program covering vessels, piping, PRDs, equipment
- ☐ Inspection/testing intervals documented using RAGAGEP
- ☐ QA/QC for replacement parts & repairs maintained
- ☐ Training records for MI personnel current
- ☐ Deficiency management system in place (tracking & corrections)

Lockout/Tagout (29 CFR 1910.147)

- ☐ Written program covering all hazardous energy sources
- ☐ Machine-specific LOTO procedures documented
- ☐ Annual audits completed & corrective actions tracked
- ☐ Employee training current

Confined Space (29 CFR 1910.146)

- ☐ Entry permits retained & available
 - ☐ Atmospheric monitoring records documented
 - ☐ Rescue plan in place, attendants trained
 - ☐ Rescue service evaluated & documented (internal or external)
 - ☐ Training logs up to date
- ### Fall Protection / Walking-Working Surfaces (29 CFR 1910 Subpart D)
- ☐ Ladders, platforms, guardrails inspected & documented
 - ☐ Personal fall protection equipment inspection records current
 - ☐ Employee training verified

Cranes & Lifting (29 CFR 1910.179)

- ☐ Frequent & periodic inspections recorded
- ☐ Deficiencies corrected & documented
- ☐ Operator daily checks documented

Powered Industrial Trucks (29 CFR 1910.178)

- ☐ Pre-use inspections (daily/shift) documented
- ☐ Operator training & certification current
- ☐ Deficiencies corrected promptly & documented

ASME Code Conformity

Pressure Vessels (BPVC Section VIII)

- ☐ Code stamp/nameplate legible
- ☐ U-1/U-1A data report retained & traceable
- ☐ MAWP/MDMT verified against design records
- ☐ Relief devices sized, set, & certified with test records

Process Piping (ASME B31.3)

- ☐ Fluid service classification documented
- ☐ Required NDE performed & records traceable to circuits
- ☐ Pressure test records (hydro/pneumatic) complete & traceable
- ☐ Materials traceability & weld maps available

Welding & NDE

- ☐ WPS/PQR current & approved (BPVC IX)
- ☐ Welder/operator qualifications current
- ☐ NDE procedures, personnel quals, & reports on file (BPVC V)

Repairs & Alterations

- ☐ Repairs documented per ASME PCC-2
- ☐ Bolted joint assembly documented per ASME PCC-1 (incl. gasket & bolting procedures)

Keep “Inspection-Ready” Files

- ☐ Latest inspection plans & reports (API 510/570/653)
- ☐ RBI & FFS documentation current
- ☐ Repair/alteration records, WPS/PQR, welder quals, NDE reports
- ☐ Relief device certifications & pressure-setting history
- ☐ OSHA compliance programs, audits & training logs

This checklist is a quick reference. Always verify against the latest edition of API, ASME, and OSHA standards, plus state/local jurisdictional requirements.



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