

PRESSURE VESSEL INSPECTION CHECKLIST

GENERAL INFORMATION

Name: _____

Date: _____

Location: _____

Exterior Condition

- Yes No — Vessel exterior free from dents, cracks, or deformation
- Yes No — Insulation and coatings are intact and undamaged
- Yes No — Supports and mounts are stable and corrosion-free
- Yes No — Nameplates and identification tags are legible

Internal Condition (Where Applicable)

- Yes No — No internal corrosion, pitting, or scaling observed
- Yes No — Interior welds show no cracking or fatigue
- Yes No — Baffles, trays, or internals are structurally sound
- Yes No — Cleanliness meets operational requirements

Pressure & Safety Systems

- Yes No — Pressure gauges calibrated and accurate
- Yes No — Pressure relief valves functional and tested
- Yes No — Pressure readings within acceptable operating limits
- Yes No — Alarms and shutdown systems verified

Leak Detection

- Yes No — No visible leaks or seepage around joints and fittings
- Yes No — Gaskets and seals are intact and functional
- Yes No — Leak testing performed and documented
- Yes No — Venting systems operate correctly

Temperature Control & Monitoring

- Yes No — Temperature indicators calibrated and operational
- Yes No — Heat tracing systems functional
- Yes No — No overheating or cold spot anomalies detected
- Yes No — Monitoring logs up to date

Structural & Compliance Verification

- Yes No — Vessel meets code and regulatory requirements
- Yes No — Thickness measurements within acceptable tolerances
- Yes No — NDT results (UT/MPI) reviewed and acceptable
- Yes No — Hydrostatic or pneumatic testing completed

Documentation & Maintenance Records

- Yes No — Inspection history is complete and current
- Yes No — Repairs and modifications documented
- Yes No — Compliance certifications available
- Yes No — Maintenance schedules adhered to

FINAL NOTES

Inspector Comments:

Inspector Name: _____

Inspector Email: _____

Inspection Date: _____

I confirm this inspection was completed accurately

Powered by:  FIELD EAGLE www.fieldeagle.com