Pressure Vessel Inspection Checklist

Maintenance

DATE	INSPECTOR	VESSEL ID / TAG NUMBER	SERVICE / CONTENTS	DESIGN PRESSURE
____ / ____ / _____				

EXTERNAL CONDITION

Shell — no visible corrosion or pitting ☐ OK ☐ Corrosion ☐ Pitting

No bulging, distortion, or dents ☐ OK ☐ Found

No cracks at welds or nozzles ☐ OK ☐ Suspect

No leaks at joints, flanges, or fittings ☐ OK ☐ Leak

Nameplate legible and attached ☐ OK ☐ Faded ☐ Missing

No signs of overheating or discolouration ☐ OK ☐ Found

PRESSURE GAUGES & INDICATORS

Pressure gauge readable and operational ☐ OK ☐ Issue

Operating pressure within design limits ☐ OK ☐ High

Current pressure reading _____ bar

Gauge glass / connections — no leaks ☐ OK ☐ Leak

Temperature indicator (if fitted) reading normal ☐ OK ☐ Issue ☐ N/A

SAFETY RELIEF DEVICES

Safety / relief valve present and accessible ☐ OK ☐ Blocked

Relief valve not leaking or weeping ☐ OK ☐ Leaking

Relief valve discharge piped to safe location ☐ OK ☐ Issue

Relief valve test date current ☐ Current ☐ Overdue

Rupture disc intact (if fitted) ☐ OK ☐ Replace ☐ N/A

FITTINGS & VALVES

	OK	STUCK
Isolation valves operational	○	○
Drain valves operational	○	○

Sight glass / level indicator working ☐ OK ☐ Issue ☐ N/A

All bolted connections tight ☐ OK ☐ Checked

SUPPORTS & INSULATION

Supports and saddles stable ☐ OK ☐ Shifted

Foundation / base in good condition ☐ OK ☐ Cracking

	OK	DAMAGED	N/A

Go digital with Miratag

Skip the paper — fill checklists faster on the Miratag mobile app. Add photos, videos, notes and signatures. Track compliance in real time. Start free at miratag.com

This template is a general-purpose resource, not tailored to any specific jurisdiction. Each organisation must validate compliance with local regulations.

Scan to use it free

Insulation intact (no missing or wet sections)	○	○	○
Weather protection / cladding intact	○	○	○

DOCUMENTATION

Statutory examination certificate current ☐ Current ☐ Expired

Next statutory examination due _____

Written scheme of examination on file ☐ Yes ☐ Missing

Previous inspection findings addressed ☐ Yes ☐ Outstanding

SIGN-OFF

Issues found

Inspector signature _____

Notes

Go digital with Miratag

Skip the paper — fill checklists faster on the Miratag mobile app. Add photos, videos, notes and signatures. Track compliance in real time. Start free at miratag.com

This template is a general-purpose resource, not tailored to any specific jurisdiction. Each organisation must validate compliance with local regulations.

Scan to use it free