Home Water & Plumbing Risk Assessment Checklist

Evidence-based safe water & plumbing maintenance | Non-commercial educational printout

INTENDED AUDIENCE: Homeowners, Home Buyers, and Property Caretakers
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Document Overview & Purpose

A practical room-by-room physical inspection checklist to evaluate supply pipe materials, water pressure levels, water heater condition, and emergency shutoff accessibility.

Key Inspection Modules Included:

- Main water shutoff valve location and operational testing steps
- Supply pipe material identification (copper, PEX, galvanized steel, lead)
- Static water pressure gauge check (target: 40–80 PSI)
- Under-sink flexible supply line and angle stop valve audit
- Water heater visual inspection (corrosion, TPR discharge pipe, age assessment)

Checklist Preview & Inspection Checkpoints:

Main Water Supply & Emergency Controls

- [ ] Locate main interior water shutoff valve (basement, crawlspace, or meter pit).
- [ ] Verify valve operates smoothly without leaking or requiring excessive force.
- [ ] Test household static water pressure with a gauge (safe range: 45–75 PSI).
- [ ] Tag the main valve with a high-visibility waterproof identification label.

Supply Pipe Screening & Fixtures

- [ ] Perform scratch and magnet test on incoming grey service pipes to rule out lead.
- [ ] Inspect visible copper joints for greenish discoloration or crusty pinhole deposits.
- [ ] Verify stainless steel braided supply lines connect to toilets, sinks, and washers.

ACCESSIBILITY & PRINTABLE HTML VERSION NOTICE

An interactive, screen-reader accessible HTML edition with active form controls and instant browser print styling is available online at: https://motsdouarts.com/servicefind-plumbing/downloads/