

CHRIS SPANNAGEL

Licensed Master Plumber • Expert Witness • Trade & Compliance Consultant

30+ Years, Arizona & Colorado | AZ ROC #301690 — CR-77 Dual, Plumbing Including Solar

(928) 301-1423 • chrisspannagel@yahoo.com • Phoenix, AZ

Master plumber with more than three decades of hands-on experience across residential and commercial plumbing in Arizona and Colorado. Founded my first Arizona plumbing company in 2007 and acquired Dewey's Plumbing in 2015, operating under Arizona ROC license #301690 (CR-77 Dual — plumbing including solar, residential and commercial). I now bring that field-tested expertise to attorneys, insurers, contractors, and property owners who need authoritative plumbing judgment — without the guesswork.

EXPERT WITNESS & FORENSIC CONSULTING

Litigation support and independent analysis for plaintiff and defense, insurers, and public adjusters:

- **Standard-of-care analysis** — was the work performed to code and industry practice?
- **Construction-defect & failure analysis** — leaks, pipe failures, water heaters, repipes, gas lines, sewer/drain.
- **Water-damage & causation review** — determining what failed, why, and who is responsible.
- **Code-compliance review** — permits, inspections, and Arizona plumbing code interpretation.
- **Written reports & testimony** — clear findings suitable for deposition and trial.

QUALIFYING PARTY (QP) SERVICES

For plumbing businesses that need a licensed qualifying party to hold or obtain an Arizona ROC license:

- **Serve as ROC qualifying party** — CR-77 scope, residential and commercial plumbing including solar.
- **Licensing oversight** — compliance guidance, permit and code sign-off, quality review.
- **Structured, compliant arrangement** — documented and consistent with ROC “regularly employed” requirements.

TRADE & BUSINESS CONSULTING

- **Project & installation review** — second-opinion assessment on scope, methods, and estimates.
- **Homeowner & buyer advisory** — pre-purchase plumbing evaluation and repair-cost sanity checks.
- **Contractor mentoring** — diagnostics, code, and field best practices from 30+ years in the trade.
- **Training & instructional content** — on-camera trade instruction and diagnostic tool development.

AREAS OF EXPERTISE

Water heating & solar water heating • Boilers & hot water (hydronic) heating • Whole-home repipes • Gas lines • Sewer & drain • Service & repair • New construction • Remodels

Available for engagements statewide in Arizona. Contact Chris Spannagel — (928) 301-1423 • chrisspannagel@yahoo.com