## Tracer Wires for Plastic Underground Pipe

Issue Date:	April 20, 2009; Revised June 11, 2025
Code/Section:	Arizona Revised Statutes (A.R.S.) Title 40, Section 360.22.G and J
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Revised By:	Plumbing/Mechanical Review Team
References:	IFGC 404.17.3, IPC 306.2.4, IPC 609.2.1

## ARIZONA REVISED STATUES (A.R.S.), SECTION 40-360.22.J AS A SUPPLEMENT TO THE CITY OF PHOENIX PLUMBING CODE

The Rule will be applied as follows:

- 1. Plastic underground sewer piping shall have a continuous 14 gauge [or larger] copper tracer wire installed with or attached to the plastic sewer piping material at 8'-0" O.C. This wire shall extend from the sewer pipe connection at the property or right-of-way line to the connection at the building drain. This tracer wire shall terminate (in a visible location) 12" above ground at the sewer/building drain connection.
- 2. Plastic underground water piping shall have a continuous 14 gauge [or larger] copper tracer wire installed with or attached to the plastic water piping material at 8'-0" O.C. This wire shall extend from the service connection at the meter box to the riser that supplies the building served. This tracer wire shall terminate (in a visible location) 12" above ground at the water service riser. Landscape irrigation water systems are not regulated by the Phoenix Plumbing Code downstream of the backflow prevention device.
- 3. Gas piping (non-metallic) shall have a tracer wire as specified in 2024 IFGC 404.17.3.

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