



# GOODYEAR FIRE DEPARTMENT

## Fire, Building & Life Safety Section

☐ Fire Safety  
☒ Building Safety

196 N. 145<sup>th</sup> Ave. • 623-932-3004 • Fax: 623-932-3027  
[www.goodyearaz.gov](http://www.goodyearaz.gov)



**Goodyear** ARIZONA

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| <b>REQUIREMENT / PROCEDURE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      | <b>09-RP-001</b>                                           |  |
| <b>Subject:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Residential Water Heater Replacement |                                                            |  |
| <b>Effective Date:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4/1/2009                             | <b>Revised Date:</b>                                       |  |
| <p><b><u>PERMITS</u></b></p> <p>Water heater replacement permits may be obtained by completing an application and submitting it, along with the permit issuance fee and the unit fee, to the Community Development Department located at 195 N. 145<sup>th</sup> Ave. Building D Goodyear, Arizona 85338, (623) 932-3004. The application shall be completed in full and shall be legible.</p> <p><b><u>WATER HEATER INSTALLATION SPECIFICATIONS</u></b></p> <p>Determine the maximum Btu/hr rating for the appliance. The manufacturer's label will contain this information. Measure the distance between the gas source and the appliance and add 2 to 3 inches, this will give you the connector (flex line) length. Select the connector (flex line) length, from the appropriate length capacity chart, that has a capacity equal to or greater than the appliance input rate.</p> <p>The connectors (flex lines) must be replaced upon the installation of a new water heater. They can not be reused per the manufacturer and must have the warning label still intact. Have the old flex line that has been removed and is being replaced available at the inspection.</p> <p>Since the gas system was subjected to a pressure test (min 10 psi) at the time the home had it's final inspection, additional tests, other than the flex line at installation (for tightness) are not required.</p> <p>As long as the water heater is located on the garage floor or on a platform in the garage and not in an attic or a concealed/enclosed space, while a drain pan with a drain is suggested by manufacturer's installation instructions, it is not required by the 1994 Uniform Plumbing Code. This applies to the drip leg/sediment trap as well.</p> |                                      |                                                            |  |
| Prepared By:<br><b>Autumn Hartsoe</b><br>Building Inspection Supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      | Approved By:<br><b>Ed Kulik</b><br>Chief Building Official |  |