

Plumber, Pipefitter and Steamfitter

PANHANDLE

Average Wage
\$16.69

*Average Annual
Job Openings*
20

<i>Employment in</i>	
<i>2004</i>	<i>2014</i>
500	600

TEXAS

Average Wage
\$18.22

*Average Annual
Job Openings*
1,295

<i>Employment in</i>	
<i>2004</i>	<i>2014</i>
28,650	35,000

UNITED STATES

Employment in
2006
435,960

Female 1%
Minority 34%

EMPLOYMENT CODES

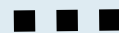
OES 87502

O*NET 47-2152.00

*Plumbers, Pipefitters,
And Steamfitters*

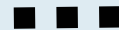
JOB DESCRIPTION

Assemble, install, alter, and repair pipe systems (metal, plastic, ceramic, or composition) that carry water, steam, air, or other liquids or gases. Also install plumbing fixtures, appliances, heating, and waste disposal systems.



SKILLS AND APTITUDES NEEDED

- ◆ Basic knowledge in mathematics, drafting, blueprint reading, computers, and physics
- ◆ Good physical condition



Plumbers install and repair the water, waste disposal, drainage, and gas systems in homes and commercial and industrial buildings. They also install plumbing fixtures—bathtubs, showers, sinks, and toilets—and appliances such as dishwashers and water heaters.

Pipefitters install and repair both high and low-pressure pipe systems used in manufacturing, in the generation of electricity, and in heating and cooling buildings. They also install automatic controls that are increasingly being used to regulate these systems.

Residential water systems use copper, steel, and plastic pipe that can be handled and installed by one or two workers. Municipal sewerage systems are made of large cast iron pipes so installation normally requires crews of pipefitters. Because plumbers and pipefitters frequently must lift heavy pipes, stand for long periods, and sometimes work in uncomfortable or cramped positions, they need physical strength as well as stamina. They may have to work outdoors in inclement weather and they are subject to possible falls from ladders, cuts from sharp tools, and burns from hot pipes or soldering equipment.

PANHANDLE AREA PUBLIC TRAINING PROVIDERS

Training Provider	Direct Training	Related Training	Education Offering
Amarillo College Amarillo, Dumas, Hereford		√	A.A.S (Associate in Applied Science Degree), Industrial Maintenance Technology Major
		√	Certificate of Completion (Industrial Maintenance Technology)
Associated Plumbing, Heating, & Cooling Contractors (APHCC), Texas Panhandle Chapter Amarillo	√		Apprenticeship Program
Frank Phillips College Borger, Perryton		√	Certification of Completion (Air Conditioning/Heating)
Plumbers & Steam Fitters Local No. 196 Amarillo	√		Apprenticeship Program

For information on public training providers outside of the Panhandle Area, please refer to the Resource Index.

LICENSE/CERTIFICATION

Required: Journeyman's License

HIGHEST EMPLOYMENT LEVELS BY INDUSTRY

Building Equipment Contractors	44%	Nonresidential Building Construction	5%
Fabricated Metal Product Manufacturing	13%	Utility System Construction	4%
Self-employed/Unpaid Family Workers	10%	Mining Support Activities	3%
Local Government	6%	Specialty Trade Contractors	2%

FOR MORE INFORMATION

Associated Plumbing, Heating, & Cooling Contractors, Texas Panhandle Chapter, 87 N. Fannin, Amarillo, TX 79106, (806) 376-9797

Associated Plumbing-Heating-Cooling Contractors of Texas, 505 E. Huntland Dr., Suite 170, Austin, TX 78752, (800) 831-9313, <http://www.phcc-tx.org>

Plumbing-Heating-Cooling Contractors Association, 180 S. Washington St., P.O. Box 6808, Falls Church, VA 22040, (800) 533-7694, <http://www.phccweb.org>

United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the U.S. and Canada, United Association Bldg, 901 Massachusetts Ave. NW, Washington, DC 20001-4397, (202) 628-5823, <http://www.ua.org> —Plumbers & Pipefitters Local #196, 1505 W. 7th St., Amarillo, TX 79101, (806) 374-2895

For additional website sources, please refer to the Resource Index.

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