

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES  
CLASS SPECIFICATION

STEAMFITTER

POSITION CODE: 42800  
Effective: 11-16-70

DISTINGUISHING FEATURES OF WORK:

Under general supervision, performs skilled tasks at the journeyman level in installing, repairing, altering and maintaining steam, air, gas and liquid transmission systems; may supervise assigned helpers or institutional inmates.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Installs, repairs and maintains high and low pressure steam lines, traps, valves, pump connections, expansion joints, air and vacuum systems, gas and brine pipes and radiators.
2. Uses or operates pipe wrenches, chain tongs, chain falls, stocks and dies, power driven pipe cutting and threading machines and cutting and welding equipment.
3. Cleans and replaces defective pipe and fittings; packs points, valves and pumps; repairs leaky pipes and fittings; replaces piping and accessories to steam and hot water boilers.
4. May instruct and supervise unskilled workers.
5. Performs other duties as required or assigned which are reasonably within the scope of the duties enumerated above.

DESIRABLE REQUIREMENTS:

Education and Experience

Requires no formal education.

Knowledges, Skills and Abilities

Requires experience necessary to qualify as a journeyman steamfitter.

Requires working knowledge of the tools, materials, methods, practices and limitations of the trade.

Requires ability to train and supervise unskilled workers.

Requires ability to read, interpret and work from plans, simple drawings or sketches.

Requires skill in the use of tools and equipment used in the trade.

Requires skill in the application of the principles of the trade.