

STATE OF OHIO (DAS)
CLASSIFICATION
SPECIFICATION

CLASSIFICATION SERIES:
Plumber

SERIES NO.:
5226

MAJOR AGENCIES:
All Agencies

EFFECTIVE DATE

SERIES PURPOSE:

The purpose of the plumber occupation is to install, modify & repair utility, supply & disposal systems, fixtures, fittings & equipment such as sewage, water, gas & oil lines, compressed air, vacuum & acid systems, water closets, water heaters, hydrants, valves & pumps.

At the lower level, incumbents assist in &/or perform minor repairs & installations of plumbing fixtures, sewage lines, toilets, valves, sinks & radiators. The middle level performs the full range of journey level plumbing duties involving the installation of new plumbing, the repair of plumbing equipment & the maintenance of building facilities & equipment. At the higher level, incumbents serve as lead workers (e.g., provide work direction, training of others) over skilled plumbers, trades workers &/or inmates & perform the full range of highly skilled plumbing duties.

Note: This series may be used within agency/institution &/or in community setting.

CLASS TITLE:

Assistant Plumber

CLASS NUMBER:

52260

EFFECTIVE DATE:

04/21/1991

CLASS CONCEPT:

The entry level class works under immediate supervision & requires some knowledge of safety practices & skill in use of power hand tools in order to assist in &/or perform minor repairs & installations of plumbing fixtures, sewage lines, toilets, valves, sinks & radiators.

CLASS TITLE:

Plumber 1

CLASS NUMBER:

52261

EFFECTIVE DATE:

04/21/1991

CLASS CONCEPT:

The full performance level class works under general supervision & requires considerable knowledge of & skill in plumbing trade in order to install new plumbing, repair plumbing equipment & maintain building facilities & equipment.

CLASS TITLE:

Plumber 2

CLASS NUMBER:

52262

EFFECTIVE DATE:

04/04/1993

CLASS CONCEPT:

The advanced level class works under direction & requires thorough knowledge of & skill in the plumbing trade in order to lead work of lower-level plumbers &/or inmates & install new plumbing, repair plumbing equipment & maintain facilities & equipment.

CLASS TITLE Assistant Plumber	CLASS NUMBER: 52260	BARGAINING UNIT: 06
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EFFECTIVE DATE

04/21/1991

JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Performs minor repair & installation of plumbing fixtures, sewer lines, toilets, valves, sinks & radiators, cuts, solders & threads pipe, unclogs drains & toilets, greases motors, turns on water & drills or chisels holes in walls.

Assists higher-level plumbers in performance of plumbing tasks; keeps plumbing shop and work areas clean.

MAJOR WORKER CHARACTERISTICS:

Knowledge of addition, subtraction, multiplication & division; safety practices*; plumbing trade*. Skill in use of hand power tools*. Ability to carry out instructions in written, oral or picture form; read, copy & record figures; read short sentences with concrete vocabulary; stand, walk & bend continuously; lift up to 75 lbs. repeatedly; move limbs/fingers easily to perform manual functions repeatedly; move whole body in continuous or heavy labor.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

Formal education in arithmetic that includes addition, subtraction, multiplication & division & in reading & writing common English vocabulary.

-Or equivalent of Minimum Class Qualifications For Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:

Not applicable.

UNUSUAL WORKING CONDITIONS:

Exposed to dirt, temperatures exceeding 90 degrees F: or colder than 40 degrees F.; loud noise, tight or confined areas & human or animal waste or infectious toxic substances; may work on scaffolding or extension ladder.

CLASS TITLE Plumber 1	CLASS NUMBER: 52261	BARGAINING UNIT: 06
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EFFECTIVE DATE:

04/21/1991

JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Installs, modifies & repairs new & existing plumbing (e.g., unclogs commodes, sinks & sewage lines, replaces traps, valves & thermostats, installs water, steam & gas lines; hooks up laundry, laboratory & kitchen equipment) & maintains building facilities & equipment (e.g., checks pipes, plumbing & fixtures for signs of corrosion &/or checks & lubricates pumps & valves & changes filters).

Performs support duties (e.g., maintains supply inventory, completes logs & miscellaneous reports, digs ditches for pipe installation & keeps plumbing shop & work areas neat).

Assists other trade workers &/or performs semiskilled duties in other trade areas in plumbing installation & repair activities; makes minor repairs on steamlines, as assigned.

MAJOR WORKER CHARACTERISTICS:

Knowledge of plumbing trade; safety practices; fractions & percentages. Skill in plumbing trade; use of plumbing tools & associated equipment. Ability to apply principles to solve practical, everyday problems; read technical manuals, work instructions & blueprints; stand, walk, bend continuously; lift up to 100 lbs. repeatedly; move limbs/fingers easily to perform manual functions repeatedly; move whole body in continuous or heavy labor.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

12 mos. trg. or 12 mos. exp. in plumbing under supervision of journey level plumber; formal education in arithmetic that includes fractions & percentages & in reading & writing common English vocabulary.

-Or equivalent of Minimum Class Qualifications For Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:

Not applicable.

UNUSUAL WORKING CONDITIONS:

Exposed to dirt, dust, grease, unpleasant weather, loud noises, excrement & hot & confined work areas; may work on scaffolding or extension ladders.

CLASS TITLE Plumber 2	CLASS NUMBER: 52262	BARGAINING UNIT: 06
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EFFECTIVE DATE:

04/04/1993

JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Serves as lead worker (e.g., provides work direction & training) over plumbers or trades workers &/or inmates engaged in plumbing work.

Installs, modifies & repairs new & existing plumbing (e.g., unclogs commodes, sinks & sewage lines, replaces traps, valves & thermostats; installs water, steam & gas lines & hooks up laundry, laboratory & kitchen equipment) & maintains building facilities & equipment (e.g., checks pipes, plumbing & fixtures for signs of corrosion &/or checks & lubricates pumps & valves & changes filters; makes minor repairs on steamlines).

Performs support duties related to plumbing (e.g., orders supplies, materials & equipment, reads blueprints, prepares job estimates, maintains job records & prepares reports).

MAJOR WORKER CHARACTERISTICS:

Knowledge of plumbing trade; safety practices; employee training & development*; fractions & percentages. Skill in plumbing trade; use of plumbing tools & associated equipment. Ability to apply principles to solve practical, everyday problems; read technical manuals, work instructions & blueprints; stand, walk & bend continuously; lift up to 100 lbs repeatedly; move limbs/fingers easily to perform manual functions repeatedly; move whole body in continuous or heavy labor.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

6 mos. exp. as a journey plumber.

-Or 6 mos. exp. as Plumber 1, 52261.

-Or equivalent of Minimum Class Qualifications For Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:

Not applicable.

UNUSUAL WORKING CONDITIONS:

Exposed to dirt, dust, grease, unpleasant weather, loud noises, excrement, hot & confined work areas; may work on scaffolding or extension ladders; may require travel to community site under contract with Department of Mental Health.