

STATE OF OHIO (DAS)CLASSIFICATION
SPECIFICATION**CLASSIFICATION SERIES:**

Plumbing Inspection

SERIES NO.:

2416

MAJOR AGENCIES:

Commerce Only

EFFECTIVE DATE:

4/1/2018

SERIES PURPOSE:

The purpose of the plumbing inspection occupation is to conduct inspections of new construction sites, alterations & additions to existing buildings & changes in occupancy of existing structures to ensure safety & in compliance with state building codes & standards to report any violations deemed necessary.

At the developmental level, incumbents perform inspections of plumbing & drainage installations of public & commercial buildings under supervision as non-certified inspectors.

At the full performance level, incumbents perform inspections of new construction sites, alterations & additions to existing buildings & changes in occupancy of existing structures as a certified Plumbing Inspector (e.g. plan review, backflow).

At the supervisory level, incumbents provide supervision, train & assist Plumbing Inspectors statewide & assist with large, non-routine plumbing projects; performs plan review and ensures enforcement of state plumbing codes.

JOB TITLE

Plumbing Inspector 1

JOB CODE

24161

EFFECTIVE

4/1/2018

PAY GRADE

28

CLASS CONCEPT:

The developmental level class works under close supervision & requires considerable knowledge of plumbing systems, government regulations & business office software in order to receive training & assist in conducting full range of plumbing & drainage inspections as non-certified Plumbing Inspector.

JOB TITLE

Plumbing Inspector 2

JOB CODE

24162

EFFECTIVE

4/1/2018

PAY GRADE

31

CLASS CONCEPT:

The full performance level class works under direction & requires considerable knowledge of plumbing system guidelines, government regulations & business office software in order to ensure compliance during building construction by conducting full range of plumbing & drainage inspections as certified Plumbing Inspector.

JOB TITLE

Plumbing Inspection Supervisor

JOB CODE

24165

EFFECTIVE

4/1/2018

PAY GRADE

13

CLASS CONCEPT:

The supervisory level class works under general direction & requires thorough knowledge of plumbing systems guidelines, government regulations, plumbing trade, practices & procedures, computer software & supervisory principles/techniques in order to supervise lower-level plumbing inspectors on a statewide basis. Conducts Plan review for plumbing & medical gas systems, backflow; certification plumbing inspectors for County Boards of Health.

<u>JOB TITLE</u>	<u>JOB CODE</u>	<u>B. U.</u>	<u>EFFECTIVE</u>	<u>PAY GRADE</u>
Plumbing Inspector 1	24161	07	4/1/2018	28

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.)

Receives training by assisting in field inspections of plumbing & drainage installations in public & commercial buildings to ensure compliance with approved plans; coordinates inspections with building & plumbing inspectors during course of building construction when needed; provides consultative services to local health officials concerning code requirements & safety practices; informs owner &/or contractor of violations of plumbing codes & standards on their structures or approved plans; recommends options to meet requirements & offers assistance to alleviate problems as non-certified Plumbing Inspector.

Learns to review construction documents approved by the Bureau for new construction, alterations or changes of occupancy to existing facilities; ensures construction documents comply with plumbing codes & all phases of construction follow approved specifications & plans.

Consults periodically with building owners, architects, contractors & local officials concerning violations found at construction sites or at existing buildings.

Completes inspection reports electronically (e.g. monthly, expense, activity, vehicle); maintain files of records & information related to plumbing inspections (e.g. annual inspection; licensing & certification); operates motor vehicle to travel throughout the state to learn to inspect buildings.

MAJOR WORKER CHARACTERISTICS:

Knowledge of State and Federal guidelines & government regulations, plumbing inspection practices & procedures, Ohio building codes & plumbing codes- statutes concerning new construction, alterations, additions & changes in occupancy of existing structures*; techniques, tools & principles involved in production of construction documents; customer service standards. Skill in plumbing installation & inspection; operation of tablet using business office software; operation of motor vehicle. Ability to understand system of mechanical procedures; define problems, collect technical data & determine violations of plumbing codes & recommend corrective action; gather, collate & classify information about data, people or things; read & interpret building plans, plumbing specifications & trade manuals; handle sensitive contacts & inquiries with public & government officials; prepare inspection reports & maintain accurate records; bend, stretch, twist or reach with body, arms & legs; lift, push, pull or carry objects up to 20 pounds.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

7 yrs. Practical plumbing exp. to include skill & training in matters relating to sanitary regulations concerning plumbing work per section 3703.04 of revised code; valid driver's license

Please note: an agility assessment will be conducted to ensure capability to endure hazardous elements of this position

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

Must successfully pass examination for Plumbing and Medical Gas Inspector certificate within 12 mos. of hire date.

UNUSUAL WORKING CONDITIONS:

Requires travel; climbs ladder to conduct inspections; exposure to high voltage, inclement weather, loud noises, dust & various elements & hazards normally associated with construction sites.

<u>JOB TITLE</u>	<u>JOB CODE</u>	<u>B. U.</u>	<u>EFFECTIVE</u>	<u>PAY GRADE</u>
Plumbing Inspector 2	24162	07	4/1/2018	31

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.)

As certified Plumbing Inspector, performs more complex statewide inspections of public & commercial buildings including new construction, alterations, additions & changes of occupancy to existing structures; reviews construction documents approved by the Bureau for new construction, alterations or changes of occupancy to existing facilities; ensures construction documents comply with plumbing & building codes & regulations governing plumbing backflow prevention & drainage phases of construction follow approved specifications & plans; performs plumbing inspections & investigations statewide to enforce backflow & cross connection prevention program; takes plumbing inspection calls, establishes routes, prepares travel orders.

Consults periodically with building owners, architects, contractors & local officials concerning violations found at construction sites or at existing buildings.

Completes inspection reports electronically (e.g., monthly, expense, activity, vehicle); maintain files of records & information related to plumbing inspections (e.g., annual inspection; licensing & certification); operates motor vehicle to travel throughout the state to inspect buildings.

MAJOR WORKER CHARACTERISTICS:

Knowledge of government regulations & rules regarding plumbing and drainage installations, plumbing installation practices & procedures, Ohio building codes, plumbing code & statutes concerning new construction, alterations, additions & changes in occupancy of existing structures*; techniques, tools & principles involved in production of construction documents; customer service standards. Skill in plumbing installation & inspection; operation of tablet using business office software; operation of motor vehicle. Ability to understand system of mechanical procedures, define problems, collect technical data & determine violations of plumbing codes & recommend corrective action; gather, collate & classify information about data, people or things; read & interpret building plans, plumbing specifications & trade manuals; handle sensitive contacts & inquiries with public & government officials; prepare inspection reports & maintain accurate records; bend stretch, twist or reach with body, arms & legs; lift, push, pull or carry objects up to 20 pounds.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

Certified as Plumbing & Medical Gas Inspector; 6 mos. exp. in inspection of plumbing installation & drainage in accordance with state regulations; 6 mos. training or 6 mos. exp. in public relations; valid driver's license.

-or equivalent of minimum class qualifications for employment noted above may be substituted for the experience requirements other than those required by the revised code.

Please note: an agility assessment will be conducted to ensure capability to endure hazardous elements of this position

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

Must maintain status as a Certified Plumbing & Medical Gas Inspector to include fulfilling the requirements for Continuing Education within the specified time period of their most recent certification. Such continuing education should be balanced between building code knowledge and training, general construction industry information, technology advancements in construction materials and techniques, and computer utilization using associated applications.

UNUSUAL WORKING CONDITIONS:

Requires travel; climbs ladder to conduct inspections; exposure to high voltage, inclement weather, loud noises, dust & various elements & hazards normally associated with construction sites.

<u>JOB TITLE</u>	<u>JOB CODE</u>	<u>B. U.</u>	<u>EFFECTIVE</u>	<u>PAY GRADE</u>
Plumbing Inspection Supervisor	24165	EX	4/1/2018	13

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.)

Supervises & trains all Plumbing Inspectors within assigned district in performance of inspection of plumbing drainage and medical gas systems to ensure compliance with the state plumbing codes; accompanies inspectors on rotating basis & observes performance to ensure inspectors carry out duties in accordance with codes & standards set by Division of Industrial Compliance (e.g., monitors inspection procedures, reading of construction documents, public relations & handling consultations with architects, contractors & owners); assists other government agencies as directed by the CBO on inspections of fires or explosions; provides technical assistance to field inspectors in their preparations of reports, interpretation of codes & other related areas; conducts written & oral reviews of inspectors & offers suggestions for their improving performance & acts as mediator to coordinate activities between inspector & public when conflict arises on construction sites involving code interpretation; assist plumbing inspectors with large, non-routine, plumbing projects; advises plumbing inspectors of code changes; conducts inspections & mediates disputes over code interpretations.

Conducts field inspections of construction sites on a random basis to ensure inspectors adhere to the provisions of the Ohio building & plumbing codes (e.g., follow Bureau procedures, inspects projects during all phases of construction to assure compliance with approved construction documents); consults with architects, contractors & owners concerning violations; recommends corrective measures & prepares required records & reports for inspections conducted; conducts training and certifications as directed by the Chief Building Official for the state plumbing and medical gas programs.

MAJOR WORKER CHARACTERISTICS:

Knowledge of supervisory principles/techniques*; regarding plumbing & drainage installations guidelines & government regulations, plumbing inspection practices & procedures, Ohio building & plumbing codes & statutes concerning new construction, alterations, additions & changes in occupancy of existing structures*; techniques, tools & principles involved in production of construction documents; customer service standards. Skill in plumbing installation & inspection, plans drawings and blueprint reading; operation of tablet using business office software; operation of motor vehicle. Ability to understand system of mechanical procedures, define problems, collect technical data & determine violations of plumbing codes & recommend corrective action; gather, collate & classify information about data, people or things; read & interpret building plans, plumbing specifications & trade manuals; handle sensitive contacts & inquiries with public & government officials; prepare inspection reports & maintain accurate records; bend stretch, twist or reach with body, arms & legs; to lift, push, pull or carry objects up to 20 pounds.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

Certified as Plumbing & Medical Gas Inspector; 12 mos. exp. in inspection of plumbing installation & drainage in accordance with state regulations; 6 mos. training or 6 mos. exp. in public relations; valid driver's license.

-or 6 mos. exp. as a Plumbing Inspector 2, 24162, valid driver's license.

-or equivalent of minimum class qualifications for employment noted above may be substituted for the experience requirements other than those required by the revised code.

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

Must maintain status as a Certified Plumbing & Medical Gas Inspector to include fulfilling the requirements for Continuing Education within the specified time period of their most recent certification; plans examiner for plumbing certification. Such continuing education should be balanced between building code knowledge and training, general construction industry information technology advancements in construction materials and techniques, and computer utilization using associated applications.

UNUSUAL WORKING CONDITIONS:

Requires travel; climbs ladder to conduct inspections; exposure to high voltage, inclement weather, loud noises, dust & various elements & hazards normally associated with construction sites.