

MICHIGAN CIVIL SERVICE COMMISSION
JOB SPECIFICATION
STEEPLEJACK

JOB DESCRIPTION

Employees in this job install, erect, maintain, repair, dismantle, and inspect unusually high structures such as bridges, radio towers, and water towers.

Position Code Title - Steeplejack-E

Steeplejack 7

This is the entry level. The employee performs a range of Steeplejack assignments while learning the methods of the work.

Steeplejack 8

This is the intermediate level. The employee performs an expanding range of Steeplejack assignments in a developing capacity.

Steeplejack E9

This is the experienced level. The employee performs a full range of Steeplejack assignments and uses independent judgment to make decisions in specific work situations.

Position Code Title - Steeplejack-A

Steeplejack 10

This is the advanced level. The employee functions as a crew leader, overseeing the work of lower-level Steeplejacks and/or others and performing experienced-level Steeplejack assignments; or as a senior worker performing duties which have been recognized by Civil Service as having greater complexity than those assigned at the experienced level.

NOTE: Employees can progress to the experienced level based on satisfactory performance and possessing required experience.

JOB DUTIES

NOTE: Listed job duties are typical examples of work of positions in this classification. Not all duties assigned to every position are included, nor will all positions be assigned every duty. The general description of job duties does not authorize performance contrary to any state or federal licensing or certification requirements.

Prepares surfaces and paints towers, bridges, tower communication shelters, transmitter houses, and related structures.

Installs and maintains radio and water towers and their associated antennas and transmission lines. Towers may range in height from 40 to 500 feet.

Installs, maintains, and repairs remote control lines, circuits, guy lines, romax lines, antenna, and co-axial transmission lines.

Installs and repairs electrical wiring and fixtures on towers and other structures.

Inspects, replaces, and repairs concrete around foundations of towers, bridges, and other structures.

Inspects, maintains, and repairs tower site equipment including fire alarms, heating, ventilation, air conditioning, generator, transfer switches, and fuel tanks.

Studies blueprints, work orders, and job specifications to determine materials and equipment.

Operates and maintains hand and power tools such as sand blasters, torches, soldering irons, air hammers, air compressors, and skill saws.

Operates tower and related equipment such as antenna sweep FDR (Frequency Domain Reflectometer), tension meter, ground resistance megger meter, and voltmeter.

Operates heavy equipment such as dump trucks, cranes, front-end loaders, trucks, tractors, and backhoes.

Performs grounds maintenance work around tower and bridge sites as needed.

Requisitions supplies and materials.

Assists in training others in work techniques.

Performs related work and other tasks as assigned.

Additional Job Duties

Steeplejack 10 (Crew Leader)

Inspects and completes various bridge maintenance jobs such as main cable band tightening, painting, and repairing cables and electrical wiring.

Assigns work to crew members.

Instructs and trains in proper work methods and processes.

Reviews job performance by observing and critiquing work techniques and completed assignments.

Prepares and maintains records and reports related to the work.

Regularly performs the most complex and difficult assignments in the work area.

Erects traffic control devices on bridges.

JOB QUALIFICATIONS

Knowledge, Skills, and Abilities

NOTE: Some knowledge is required at the entry level, developing knowledge is required at the intermediate level, considerable knowledge is required at the experienced level, and thorough knowledge is required at the advanced level.

Knowledge of the standard practices, materials, tools, and equipment used in the steeplejack trade.

Knowledge of occupational hazards and safety precautions applicable to the work.

Knowledge of electricity and electrical wiring.

Ability to read and work from specifications and blueprints.

Ability to rig scaffolds, platforms, ladders, and equipment.

Ability to operate hand and power tools and equipment used in the steeplejack trade.

Ability to climb high structures and work at unusual heights (40' to 500').

Additional Knowledge, Skills, and Abilities

Steeplejack 10 (Crew Leader)

Ability to train and oversee the work of others.

Ability to prioritize, organize, and coordinate the work of the unit.

Ability to prepare reports and maintain records related to the work.

Working Conditions

Some jobs require an employee to work on high structures at unusual heights (40' to 500').

Some jobs require an employee to be exposed to inclement weather conditions.

Some jobs require an employee to work where there is a significant chance of injury.

Physical Requirements

The job duties require an employee to climb high structures and work at unusual heights (40' to 500').

The job duties require an employee to climb ladders.

The job duties require an employee to lift and/or move heavy objects.

The job duties may require an employee to traverse rough terrain.

Education

Education typically acquired through completion of high school.

Experience

Steeplejack 7

No specific type or amount is required.

Steeplejack 8

Two years of experience assisting skilled trades workers in the Steeplejack trade.

Steeplejack E9

Four years of experience in the installation, erection, maintenance, repair, painting, dismantling, and inspection of unusually high structures (such as bridges and radio towers), including two years of experience equivalent to a Steeplejack 8.

Steeplejack 10

Five years of experience in the installation, erection, maintenance, repair, painting, dismantling, and inspection of unusually high structures (such as bridges and radio towers), including one year equivalent to a Steeplejack E9.

NOTE: Civil Service can individually evaluate equivalent combinations of education and experience providing required knowledge, skills, and abilities to qualify.

Special Requirements, Licenses, and Certifications

See individual position descriptions.

JOB CODE, POSITION TITLES AND CODES, AND COMPENSATION INFORMATION

Job Code

STEEPLEJCK

Job Code Description

STEEPLEJACK

Position Title

Steeplejack-A

Steeplejack-E

Position Code

STPLJCKA

STPLJCKE

Pay Schedule

A31-012

A31-029

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03/17/2024