



**Classification:** Tower and Antenna Engineer II

**Title Code:**

**Pay Range:** \$125 per month

**POSITION SUMMARY:** This position is responsible for installation, maintenance, and repair of communication towers utilized by the Patrol. This position will be designated primary climber and will assist the Tower and Antenna Engineer I on tasks requiring two climbers on site. This employee serves as a team leader on tower and antenna related jobs.

The Tower and Antenna Engineer is not a stand-alone position. The assignment includes duties and responsibilities which are in addition to those of the current or primary assignment. If the assigned employee cannot or will not perform the required duties, he/she will revert to his/her normally assigned position with a reduction in salary to the range and rank authorized for that position.

If the employee assigned the duties of Tower and Antenna Engineer is from a troop operations section, scheduling for all work performed in this capacity must be coordinated between the Technical Section Chief and the Troop's Operations Chief.

**DESCRIPTION OF DUTIES PERFORMED:** (Any one position may not include all of the duties listed nor do the listed examples include all tasks which may be found in positions of this class.)

Installs, maintains, and repairs antennas and coaxial lines on the various towers utilized by the Patrol around the state.

Installs, maintains, and repairs lighting and other equipment associated with our tower/antenna sites.

Coordinates all tower and antenna maintenance statewide.

Responsible for the acquisition of all parts, tools, and accessories associated with the maintenance of the tower and antenna systems.

Advises the Technical Section Chief in matters concerning antenna orientation, location, and coverage patterns.

Assists other Tower and Antenna Engineers on all assignments requiring two climbers on the scene.

Performs other related work as assigned.

**REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:** Working knowledge of the antenna systems utilized by the Patrol's telecommunications system.

Must be capable of climbing towers and performing the various duties with preoccupation of height.

Knowledge of the construction and repair of the various antennas and coaxial and transmission lines used by the Patrol, as well as structural design and condition of free-standing and guyed towers.

Ability to work in extreme weather conditions, such as heat, cold, etc.

Ability to operate basic office equipment as detailed in the description of duties.

Ability to handle restricted and confidential information in a professional manner and maintain the information as such.

Ability to communicate in English clearly and concisely, both orally and in writing.

Ability to establish and maintain harmonious working relations with others.

Ability to work with material that may be of a sexual nature relating to criminal activity (e.g., written material, photographs, and/or verbal language, etc.).

Ability to work hours as assigned.

**MINIMUM EXPERIENCE AND EDUCATION REQUIRED:** (The following represents the minimum qualifications used to accept applicants, provided that equivalent substitution will be permitted in case of deficiencies in either experience or education.)

Must possess a General Class Radiotelephone license issued by the Federal Communications Commission, or a certificate of technician competency issued after examination by a communications industry association recognized and endorsed by the FCC, such as PCIA/NABER, ISCET, APCO, or NARTE.

Must currently hold the minimum rank of Communications Operator/Technician II and meet the qualifications outlined in Section 43.060 RSMo.

**NECESSARY SPECIAL REQUIREMENTS:** Must be a resident of Missouri throughout employment.

Must be of good character and never been convicted of a felony or any crime involving moral turpitude.

**PROMOTIONAL ELIGIBILITY:** When Communications Division personnel transfer into a Communications Division specialist position, and are otherwise eligible for promotion, the transferring employee must serve at least six months in the new position before consideration for promotion.

**FLSA STATUS:** Non-Exempt

**WORK SCHEDULE:** An employee in this position works an eight-hour shift as directed; however, working hours are subject to change at the discretion of the commanding authority.