

BRIDGE OPERATOR

NATURE OF WORK

Individuals in this class perform routine though responsible work in the operation and maintenance of electrically or manually controlled drawbridges over navigable waterways. Work assignments result from the passage of boats up and down the river and the necessity to keep the bridge in proper operating order. After learning general work processes, instructions are received only on special or unusual assignments. Work of individuals in this class is checked by a supervisor for efficiency of operation, adequacy of maintenance, and thoroughness of traffic counts.

ILLUSTRATIVE EXAMPLES OF WORK

Maintains a constant watch by eye and ear for signals from boats and ships; operates the bridge for passage of such boats.
Records names, size, direction, number of vessels, time of passing, weather condition, and the count of vehicles stopped at each bridge opening.
Records number, size, and type of vehicle crossing bridge for an eight-hour period as determined by a technical superior.
Keeps bridge roadway clean and removes debris from pilings.
Greases, oils, and cleans mechanism of draw periodically, and performs minor maintenance to insure proper operation of the draw.
Checks navigation and warning lights daily and replaces bulbs and fuses as necessary.
Performs related work as required.

KNOWLEDGES, SKILLS, AND ABILITIES:

Ability to use hand tools.
Ability to climb to all parts of bridge structure and footings.
Ability to make minor maintenance repairs and to replace fuses and bulbs in electrical system.
Ability to acquire a working knowledge of the operation and care of the machinery controlling an electrically or mechanically operated drawbridge.
Ability to coordinate the traffic of on-coming boats with the flow of vehicular traffic so as to pass boats through draw at a minimum inconvenience to the vehicular traffic.
Ability to keep legible records and make simple reports.
Mechanical aptitude.

ACCEPTABLE TRAINING AND EXPERIENCE:

Completion of grammar school.

PREPARED BY
NORTH CAROLINA STATE PERSONNEL DEPARTMENT

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