

CRANE OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: An employee in this class operates a crane for bridge and highway repair, construction and maintenance projects and other public works activities. This class differs from that of a Heavy Equipment Operator due to the more complex nature of equipment operated requiring greater skill and knowledge along with increased responsibility for safety of others. Additionally, incumbents are required to be eligible for a special license to operate and service equipment operated. The work is performed under general supervision with leeway allowed for exercise of independent judgment in carrying out the details of the work. Supervision may be exercised over the work of Laborers, Motor Equipment Operators, Heavy Equipment Operators and/or Bridge Construction Mechanics depending on the project. Does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative Only) Operates a crane as required by the department to unload or load materials; construct bridges, buildings, drainage structures; Responsible for accurately estimating and/or determining weights of picks; Reads load charts and determines safe loads and reach; Responsible for understanding the bearing capacity of soils to ensure safe support for the crane and loads to be lifted; Responsible for ensuring loads picked meet rigging procedures; Responsible for overseeing the safe rigging of loads; May perform general maintenance and repair work on assigned equipment, such as minor welding, oil changes, and periodic replacement of parts; Performs daily inspection of crane; Compiles written inspection reports; Responsible for crane maintenance including lubrication, fluid levels, tightening of bolts and fittings as required; Performs other Bridge Maintenance Mechanic or manual work assigned within departmental operations when not engaged in crane operation.

FULL PERFORMANCE, KNOWLEDGE, SKILLS, ABILITIES, AND PERSONAL CHARACTERISTICS: Thorough knowledge of crane operation; Thorough knowledge of crane maintenance; Thorough knowledge of safe crane operation and load rigging; ability to read and understand assigned equipment operational and servicing information; mechanical aptitude; willingness to respond to emergencies and work under adverse weather conditions; good hand and eye coordination; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Heavy Equipment Operator or Bridge Maintenance Mechanic with six (6) months experience operating cranes.

SPECIAL REQUIREMENTS: Crane Operators Certificate

Adopted 4/14/04
Non-competitive
pending classification