

DESCRIPTION: Under limited supervision, performs technical work in the inspection of passenger and freight elevators, escalators, moving walks, and amusement rides and devices to investigate accidents and to ensure compliance with state safety laws and regulations. Performs related work as required.

DISTINGUISHING CHARACTERISTICS: (A position is assigned to this class based on the scope and level of work performed as outlined below.)

Not applicable.

EXAMPLES OF WORK: (A position may not be assigned all the duties listed, nor do the listed examples include all the duties that may be assigned.)

Schedules inspections and inspects passenger and freight elevators annually and on request in order to ensure public safety and to monitor compliance with State elevator inspection laws.

Inspects elevators and escalators for a variety of factors including, but not limited to, proper electrical installation, brake operation, motor device operation, safe hoistway construction, interlock installation and operation, door closing pressure, and cable installation and maintenance to detect safety hazards, improper maintenance, and unsafe cables.

Inspects plans, procedures, and blueprints of proposed elevator/escalator/moving walk installation, repair, or replacement to ensure proper installation, replacement or repair.

Inspects the condition of amusement/carnival rides and attractions and their safety devices and controls to detect safety/health hazards, improper maintenance, and deteriorated or unsafe component parts and to determine compliance with the State Amusement Ride Act and related regulations.

Reviews current amusement ride maintenance and inspection records, insurance documents, operator and operation permits, and accident reports to ensure proper coverage exists and valid authority to operate has been granted and to conduct an investigation.

Reviews the method of amusement ride operation, design, and installation of new, modified, or altered amusement rides and attractions prior to giving approval to operate to ensure all safety features and procedures have been incorporated.

Examines amusement rides, elevators/escalators, and other equipment involved in accident/incident to determine whether mechanical, operational, or maintenance failure was the cause.

Interviews witnesses, owner/operators, and maintenance workers about amusement ride accidents and about elevator, escalator, moving walk, or lift mishaps as soon as possible after their occurrence to collect information relevant to the cause.

Issues orders to shut down amusement rides and attractions with discovery of serious safety hazards or dangerous violations of the Nebraska Amusement Ride Act and related regulations to prevent an accident or mishap from occurring.

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Collects fees to help cover the costs of administering the Nebraska Amusement Ride Act.

Writes correspondence and reports about inspections, complaints, and accidents to detail violations of safety statutes and regulations and findings of complaint and accident investigations and to share information on matters of compliance.

Compiles information to support legal action and/or testifies at judicial hearings or administrative conferences about inspections and investigations to provide evidence, information, and interpretations.

Conducts pre-inspection and post inspection conferences with owner/operators, or management representatives to discuss standard safety practices and equipment and to advise on possible violations and measures to correct deficiencies in equipment and their operation or maintenance.

Confers with owners/operators, insurance representatives, and government officials about safety code/inspection statutes, regulations, and standards to acquaint them with the laws and its interpretations and to resolve enforcement problems.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED: (These are needed to perform the work assigned.)

Knowledge of: the capacities and specifications regarding construction, modification, and repair of equipment and machinery inspected pertinent to state safety compliance regulations; the procedures of installation, repair and maintenance of elevators, escalators, and moving walks; national codes, and local ordinances governing the safe operation and maintenance of the equipment inspected; the types and location of amusement rides and other equipment assigned for inspection; the relationship between the amusement ride and other safety inspection programs of the agency; agency safety inspection and accident investigation requirements, methods, documentation and reporting; mechanical engineering principles and techniques as applied to work place safety and accident prevention; the operation, repair, and maintenance of amusement rides and related devices; the general operation, repair, and maintenance of industrial and construction machinery and equipment; possible safety hazards associated with the operation and maintenance of industrial and construction machinery and equipment; general business practices and standards related to work place safety; industrial/commercial source material and guidelines for resolving safety problems not covered by law or established standards.

Ability to: interact with owners/operators, representatives and employers and business concerns, architects, engineers, government officials, and the public; present concise and coherent explanations at administrative or legal hearings; maintain statistics, reports, and other records to document inspections and investigations; interpret regulations, directives, statutes, and codes and standards pertinent to safety inspections; inspect and conduct safety tests of amusement ride and other equipment; detect actual or potential, conditions and procedures hazardous to public safety; determine causes of accidents or malfunctions in equipment operations and maintenance; develop and recommend necessary actions to correct unsafe conditions or procedures; interact with superiors, peers, and other agency employees to ensure effective working relationships; communicate verbally and in writing to exchange ideas and information and explain safety requirements; summarize data, findings, and conclusions about inspections and investigations into technical, factual reports; interpret blueprints, plans, specifications, and schematic diagrams; organize assigned inspection work, schedule field work, and develop time efficient work methods.

MINIMUM QUALIFICATIONS: (Applicants will be screened for possession of these qualifications. Applicants who need assistance in the selection process should request this in advance.)

Incumbents shall be qualified by (a) not less than five years' experience in the installation, maintenance, and repair of elevators as determined by the State Fire Marshal, (b) certification as a qualified elevator inspector by an association accredited by the American Society of Mechanical Engineers, or (c) not less than five years' journeyman experience in elevator installation, maintenance, and inspection as determined by the State Fire Marshal and shall be familiar with the inspection process and rules and regulations adopted and promulgated under the Conveyance Safety Act.

LEGAL REQUIREMENTS: (These qualifications are mandated by federal/state laws, statutes, and/or regulations.)

In accordance with the Conveyance Safety Act 48-2512.01, incumbents shall be qualified by (a) not less than five years' experience in the installation, maintenance, and repair of elevators as determined by the State Fire Marshal, (b) certification as a qualified elevator inspector by an association accredited by the American Society of Mechanical Engineers, or (c) not less than five years' journeyman experience in elevator installation, maintenance, and inspection as determined by the State Fire Marshal and shall be familiar with the inspection process and rules and regulations adopted and promulgated under the Conveyance Safety Act.

SPECIAL NOTES:

State agencies are responsible to evaluate each of their positions to determine their individual overtime eligibility status as required by the Fair Labor Standards Act (FLSA).