

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES ▼
HUMAN RESOURCES ENTERPRISE

ELEVATOR/AMUSEMENT RIDE INSPECTOR

DEFINITION

Performs technical work in the inspection of elevators, amusement rides, escalators, moving walks, lifts, dumbwaiters and related equipment to insure compliance with state safety laws and regulations; performs related work as required.

The Work Examples and Competencies listed are for illustrative purposes only and not intended to be the primary basis for position classification decisions.

WORK EXAMPLES

Performs inspections of elevators, amusement rides, escalators, moving walks, lifts, dumbwaiters and related equipment to ensure the safety of the general public and monitor compliance with the Code of Iowa (Chapters 88A and 89A and 875 Iowa Administrative Code 61, 62 and 71 to 77).

Interviews witnesses, operators, and maintenance personnel, inspects equipment and maintenance logs, and conducts investigations of other factors relative to elevator, amusement ride, escalator, moving walk, lift, or dumbwaiter accidents as soon as possible after their occurrence to determine the cause.

Prepares written reports regarding all inspections and/or accidents and their causes; files reports with the supervisor.

Inspects plans, procedures, blueprints, equipment, and materials to be used in the installation, repair, or replacement of elevators, escalators, moving walks or lifts prior to their construction to ensure proper installation or repair.

Testifies at hearings concerning results of elevator inspections and/or accidents.

COMPETENCIES REQUIRED

Knowledge of the American National Standards Institute Standards for elevators, amusement rides, escalators, moving walks, lifts, and dumbwaiters.

Knowledge of amusement ride safety standards.

Knowledge of the practices, techniques, and methods of installation, repair, and maintenance of elevators, amusement rides, escalators, moving walks, lifts, and dumbwaiters.

Knowledge of equipment capacities and specifications regarding construction, modification and/or repair.

Knowledge of wire rope and/or wire cables as used in elevators, amusement rides, escalators, moving walks, lifts, and dumbwaiters.

Ability to inspect and recognize causes of malfunctioning in elevators, amusement rides, escalators, moving walks, lifts or dumbwaiters.

Ability to read and understand blueprints.

Ability to communicate effectively orally and in writing.

Ability to complete required inspection and/or accident reports.

Ability to relate technical information to contractors, architects, engineers, amusement operators, equipment manufacturers, building owners and the public regarding the results of inspections.

Displays high standards of ethical conduct. Exhibits honesty and integrity. Refrains from theft-related, dishonest or unethical behavior.

Works and communicates with internal and external clients and customers to meet their needs in a polite, courteous, and cooperative manner. Committed to quality service.

Displays a high level of initiative, effort and commitment towards completing assignments efficiently. Works with minimal supervision. Demonstrates responsible behavior and attention to detail.

Responds appropriately to supervision. Follows policy and cooperates with supervisors.

Aligns behavior with the needs, priorities and goals of the organization.

Encourages and facilitates cooperation, pride, trust, and group identity. Fosters commitment and team spirit.

Expresses information to individuals or groups effectively, taking into account the audience and nature of the information. Listens to others and responds appropriately.

EDUCATION, EXPERIENCE, AND SPECIAL REQUIREMENTS

Graduation from high school or G.E.D. and experience equal to four years' work as a journey level mechanic in construction, installation, repair, or inspection of elevators (passenger and/or freight), amusement rides, escalators, moving walks, lifts, and/or dumbwaiters;

OR

graduation from an accredited two-year junior college with an associate's degree in engineering or industrial technology and two years' experience in construction, installation, repair, or inspection of elevators (passenger and/or freight), amusement rides, escalators, moving walks, lifts, and/or dumbwaiters;

OR

graduation from an accredited four-year college or university with a bachelor's degree in engineering or industrial technology and one year experience in elevator/amusement ride safety;

OR

one year of experience performing the duties of an elevator/ride inspector in a jurisdiction with substantially equivalent safety inspection rules, regulations and experience requirements.

NECESSARY SPECIAL REQUIREMENTS

All appointees to this classification must successfully complete a QEI certification examination offered by the National Association of Elevator Safety Authorities or similar organizations within twelve months of employment. Appointee must also obtain National Association of Amusement Ride Safety Officials (NAARSO) Inspector Level 1 certification within one year; and Level 2 certification within five years of employment. Similar certification offered by the Amusement Industry Manufacturers and Suppliers (AIMS International) organization will be considered in place of like levels of NAARSO certification.

NOTE:

Employees must be bondable. Extensive travel overnight is required. Employees must arrange transportation to and from assigned work areas

Effective Date: 8/07 CH