



University System of Maryland Job Class Specification

TITLE: ELEVATOR TECHNICIAN II
FLSA: NONEXEMPT
EEO6: H60
IPEDS-SOC: 47-4021

JOB CODE: N16EL2
JOB TYPE: SYSTEMWIDE
JOB FAMILY/SERIES: PHP MNT

APPROVED BY: Chancellor's Designee:
Joann Goedert, Associate Vice Chancellor

EFFECTIVE DATE: 9/9/2013

JOB SUMMARY

Under minimal supervision, specializes in fine-tuning all equipment by making adjustments, modifications, or updates to new and existing elevators and related equipment. Ensures equipment is working to specifications. Troubleshoots malfunctions, performs preventive and corrective maintenance on campus elevators.

PRIMARY DUTIES

1. Provides technical direction and assistance to elevator personnel in adjusting, and troubleshooting malfunctions of complex elevator control systems.
2. Identifies and corrects malfunctions, analyzes and develops solutions to problems with complex mechanical, electrical, and electronic circuits on various types of elevator equipment.
3. Installs, upgrades, rewires, modifies and/or replaces parts and equipment according to specifications. Inspects, tests, and adjusts newly installed equipment using various computer based elevator manufacturers tools and equipment.
4. Reads and interprets blueprints, diagrams, sketches, electronic, hydraulic, pneumatic and electrical schematics and job specifications.
5. Performs scheduled preventive maintenance on elevators.
6. Prepares estimates of time, labor, and materials and other reports.
7. Operates and maintains tools and equipment of the trade including specialized diagnostic equipment and software.
8. Responds to elevator emergencies and may assist in rescue efforts.
9. May lead special projects.
10. Guides and trains maintenance personnel.
11. May serve in a lead capacity to cover scheduling and assignment of work.

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Note: The intent of this list of primary duties is to provide a representative summary of the major duties and responsibilities of this job. Incumbents perform other related duties assigned. Specific duties and responsibilities may vary based upon departmental needs.

MINIMUM QUALIFICATIONS

EDUCATION: High School Diploma

EXPERIENCE: Six years recent, active and progressively responsible experience in the elevator industry, in construction, maintenance, and service or repair of elevators as an elevator technician/mechanic.

OTHER: Employees in an Elevator Technician position must be licensed as an elevator mechanic by the Maryland Department of Labor, Licensing and Regulations. Certification by a nationally recognized training program (such as NAEC, etc.) as an Elevator Technician preferred and participation in mandated continuing education program to keep licensure and/or certification current.

REQUIRED KNOWLEDGE/SKILLS/ABILITIES

Expert knowledge, skills and experience in maintaining and upgrading elevators. Experience adjusting, troubleshooting and repairing complex single and multiphase AC and DC variable speed motor drives and controls, various types of elevator relay logic or solid state control systems using conventional diagnostic equipment along with specialized computer based manufacturers diagnostic tools. Comprehensive knowledge of OSHA and other applicable regulations and codes related to the elevator trade. Ability to read, interpret, and work from blueprints, drawings, electronic and electrical schematics, and specifications, prepare summaries and reports, draw schematics to document modifications. Ability to work in, around, over and under fixed machinery and equipment; to work from ladders and scaffolding; to manipulate heavy equipment, tools and/or exert force up to 70 lbs.; to concurrently manipulate multiple controls on machinery and equipment; to work in hazardous and irritating environments, confined spaces, elevator shafts and pits; to wear and work with personal protective equipment.

OTHER: Except for qualifications established by law, additional related experience and formal education in which one has gained the knowledge, skills, and abilities required for full performance of the work of the job class may be substituted for the education or experience requirement on a year-for-year basis with 30 college credits being equivalent to one year of experience.

CONDITIONS OF EMPLOYMENT

None