

Effective Date: September 1970
Modified Effective: May 14, 2006
Modified Effective: June 28, 2015

STATE OF WISCONSIN
CLASSIFICATION SPECIFICATION
ELEVATOR CONSTRUCTOR

I. INTRODUCTION

A. Purpose of This Classification Specification

This classification specification is the basic authority under ER 2.04, Wis. Adm. Code, for making classification decisions relative to present and future skilled trade positions located within state government. This classification specification will not specifically identify every eventuality or combination of duties and responsibilities of positions that currently exist, or those that result from changing program emphasis in the future. Rather, it is designed to serve as a framework for classification decision-making in this occupational area.

Classification decisions must be based on the “best fit” of the duties within the existing classification structure. The “best fit” is determined by the majority (i.e., more than 50%) of the work assigned to and performed by the position when compared to the class concepts and definition of this specification or through other methods of position analysis. Position analysis defines the nature and character of the work through the use of any or all of the following: definition statements; listing of areas of specialization; representative examples of work performed; allocation patterns of representative positions; job evaluation guide charts, standards or factors; statements of inclusion and exclusion; licensure or certification requirements; and other such information necessary to facilitate the assignment of positions to the appropriate classification.

B. Inclusions

This classification is to be used exclusively for positions performing the full range of elevator construction work for a majority of the time and employees in this classification must be licensed as an elevator mechanic by the Department of Safety and Professional Services under SPS 305.992, Wis. Admin Code.

C. Exclusions

Excluded from this classification are the following types of positions:

1. Positions that meet the definition of confidential, professional or supervisor as defined in s. 111.81 (7) and (13) and (19) as administered and interpreted by the Wisconsin Employment Relations Commission.

2. Positions that perform semi-skilled trades work for a majority of the time such as Facilities Repair Worker or Facilities Mechanic. Semi-skilled trades work means the repair or replacement of existing equipment or building components with equipment or components of the same kind and does not alter or affect the performance of any building system, structure, exterior walls, roof or exits.
3. Positions performing elevator mechanic work for a majority of the time that are not licensed by DSPS under SPS 305.992, Wis. Admin. Code, or meet the indicated equivalencies.
4. All other positions that are more appropriately identified by other classification specifications.

D. Entrance Into This Classification

Employees enter positions within this classification through competition.

II. DEFINITIONS

ELEVATOR CONSTRUCTOR

This is journey level elevator constructor work. Employees assemble, install, repair or maintain electric or hydraulic freight or passenger elevators, escalators, or dumbwaiters. Employees in this classification perform elevator constructor work at the journey level of skill, normally on a full-time basis and under general supervision. Other related duties may also be assigned as necessary. In addition, positions in this classification may also direct and instruct apprentices, helpers and other assistants.

Positions are assigned any combination of the following duties:

- Adjust safety controls, counterweights, door mechanisms, and components such as valves, ratchets, seals and brake linings.
- Assemble electrically powered stairs, steel frameworks, and tracks, and install associated motors and electrical wiring.
- Assemble elevator cars, installing each car's platform, walls, and doors.
- Assemble, install, repair, and maintain elevators, escalators, moving sidewalks, and dumbwaiters, using hand and power tools, and testing devices such as test lamps, ammeters, and voltmeters.
- Attach guide shoes and rollers to minimize the lateral motion of cars as they travel through shafts.
- Bolt or weld steel rails to the walls of shafts to guide elevators, working from scaffolding or platforms.
- Check that safety regulations and building codes are met, and complete service reports verifying conformance to standards.
- Connect car frames to counterweights, using steel cables.
- Connect electrical wiring to control panels and electrical motors.
- Cut prefabricated sections of framework, rails and other components to specified dimensions.

- Set up and maintain inspection, cleaning and lubrication schedules.
- Repair or replace elevator motors, generators and controller parts, including worms, gears, thrusts, bearings, brake magnet coils, brake shoes, brushes, windings, commutators, rotating elements, coils, contacts, resistor magnet frames and other parts.
- Review guide shoe gibs and guide rollers.
- Adjust, repair, or replace signals, hall buttons safety edges, safety rays, door operators, interlocks, and hangers.
- Keep records and make reports.
- Direct and instruct apprentices, helpers and other assistants.
- Perform other duties as assigned.

III. QUALIFICATIONS

The qualifications required for these positions will be determined at the time of recruitment. Such determinations will be made based on an analysis of the goals and worker activities performed and by an identification of the education, training, work, or other life experience which would provide reasonable assurance that the knowledge and skills required upon appointment have been acquired.

Special Requirements for this Classification: Licensed as a licensed elevator mechanic as required by the Department of Safety and Professional Services SPS 305.992, Wis. Adm. Code, to erect, construct, alter, replace, maintain, repair, remove or dismantle conveyances. To obtain a license, the applicant must take and pass the elevator mechanic license examination or meet the equivalent training and experience requirements outlined in SPS 309.992, Wis. Admin. Code.

IV. ADMINISTRATIVE INFORMATION

These classifications were created in the 1970s and 1980s. The specification was modified effective May 14, 2006 and announced in Bulletin OSER-0093-MRS/SC to convert the specification to the format used in 2006, provide more specific work examples, reinforce the requirements of the skilled trades and better distinguish the work of the skilled trades from that of the semi-skilled trades (such as Facilities Repair Worker, Facilities Mechanic, etc.).

This classification was modified, effective June 28, 2015, and announced in bulletin OSER-396-CC/SC to update the change in the regulatory agency and update the qualifications section.

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