

Washington State Department of Personnel
Class Specification

MAINTENANCE LEAD TECHNICIAN, SUSPENSION BRIDGE

597L

Abolished: Adopted 08/13/2009, Effective 08/14/2009

Definition:

Leads and participates in maintenance and repair work performed by crews on the Tacoma Narrows Bridge and other steel bridges.

Distinguishing Characteristics:

This class is distinguished from the Maintenance Specialist, Suspension Bridge by responsibility for leading, instructing, and participating in the projects of assigned crew, determining daily duty assignments for individuals, allocating equipment and tools, planning work schedules, and inspecting completed tasks to ensure satisfactory work.

Typical Work:

Directs and participates in assembling staging, rigging and scaffolding; sandblasting, priming and painting of steel bridge components; cutting, welding, fabrication and replacement of steel bridge components; service and repair of motorized, hydraulic and electrical equipment;

Develops daily work schedules and assigns work to crew; determines and secures materials, supplies, tools, and equipment necessary to complete scheduled work; trains Suspension Bridge Maintenance Specialists and inspects work to ensure a safe operation with adequate production;

Provides traffic control;

Assists Supervisor in preparing of monthly and quarterly work plans and accomplishment reports:

Operates, services and repairs vehicle equipment and tools; inventories tools and supplies;

Prepares and submits time and equipment reports;

Directs and participates in structural, masonry, mechanical and roadway maintenance and repair on movable span bridges;



Inspects work performed by contractors and reports findings;

Directs the work of temporary personnel assigned to bridge crew; coordinates work activities of bridge crew, contractors and other Department crews working on bridges simultaneously;

Assists Supervisor in interviewing, selection, evaluation and counseling of Bridge Maintenance and Bridge tending personnel;

Performs other work as required.

Knowledge and Abilities:

Knowledge of: Department practices and procedures for preparation and painting of steel; welding, cutting and fabrication of steel; electrical, hydraulic and mechanical repair; traffic control; safety and first aid; use and maintenance of vehicles, tools and equipment; basic supervisory and record keeping.

Ability to: plan and direct work of crew; read and interpret engineering drawings, sketches and specifications; assemble rigging, staging and scaffolding; sandblast, prime and paint; weld, cut and fabricate; service and repair electrical, mechanical and hydraulic equipment; work from suspending rigging or confined spaces.

Legal Requirement(s):

A valid driver's license is required.

There may be instances where individual positions must have additional licenses or certification. It is the employer's responsibility to ensure the appropriate licenses/certifications are obtained for each position.

Desirable Qualifications:

High school graduation or possession of a GED certificate.

AND

One year as a Maintenance Specialist, Suspension Bridge or two years as a Maintenance Lead Technician, Bridge or five years of experience in bridge painting, rigging, or in the erection or maintenance of structural steel on high bridges, buildings, towers or dams.

Equivalent education/experience.

Notes:

- Must be capable of working at heights exceeding 300 feet.
- A Commercial Driver's License (CDL) Class B and without air brakes restriction must be attained within the first six months of employment. Some positions may require the H endorsement.

Class Specification History:

New class: 9-13-83

Title change (formerly Bridge Lead Technician, Suspension): 12-9-83

Revised minimum qualifications: 10-13-89

Revised definition, distinguishing characteristics, and minimum qualifications: 9-10-93

Revised class code: (formerly 71470) effective July 1, 2007