

Specification for Class of

EQUIPMENT MECHANIC 2

Abolished Initially Effective January 13, 2006

Abolished Final Effective February 10, 2006

Class Series Intent: Equipment Mechanics and Supervisors in this series supervises and/or performs preventative maintenance and repair on light and heavy wheeled and tracked vehicles, equipment and trailers, earth moving and construction wheeled and tracked vehicles and roadway and roadside maintenance vehicles and equipment in shop and/or field. This series is differentiated from the Automotive Mechanic and Supervisor series in that the majority of time is spent servicing, repairing or supervising the repair and servicing of heavy and industrial/commercial equipment and vehicles (such as: wheeled and tracked equipment, power generators, pumps, agricultural equipment and specialized marine equipment) rather than automobiles or light pickup trucks.

Definition: As the lead mechanic in an equipment and repair shop, leads other lower level staff, inspects, diagnoses and makes major and minor mechanical repairs of all types of heavy and/or industrial/commercial equipment (such as: wheeled and tracked equipment, power generators, pumps, agricultural equipment and specialized marine equipment); OR, within the Department of Transportation, is the only equipment mechanic in a satellite shop; OR, in Correctional Facilities within the Department of Natural Resources, leads an inmate crew in heavy or commercial/industrial equipment repair, and performs all duties normally assigned to Equipment Mechanic 1's.

Typical Work

Ensures that safe workplace requirements are met and acceptable housekeeping standards are maintained;

Maintains/updates computerized equipment records; operates a specially equipped mechanic's truck out of a division or district shop and makes standard mechanical repairs and adjustments or improvises emergency repairs, including welding, in the field to all types of highway equipment and mechanical plant facilities;

Leads, instructs, and participates in the inspection, diagnosis and making repairs to such mechanical equipment as passenger vehicles, power shovels, graders, dozers, heavy trucks and accessories, snow blowers, loaders, rollers, vac-all and all other

state-owned equipment used in highway maintenance and construction;

Answers emergency call backs 24 hours a day;

Operates computer test equipment such as lab scope and scanners to diagnose and repair computer controlled systems and on-board electronics;

Inspects and/or road tests vehicle after completion of repairs;

Provides oral input to Equipment Supervisors for the purpose of evaluating the work performance of shop personnel;

Handles storage and disposal of TEF generated hazardous waste;

Uses a computer to update and maintain shop records;

Performs other related mechanical work as required.

In an Area Shop:

Plans, schedules and directs operations, maintenance, and repair activities;

Keeps records of expenditures, codes invoices and forwards to either district or area office for payment; makes preliminary determination whether TEF, maintenance, or engineering are responsible for the payment of repair costs;

Takes the lead in maintenance and proper use of area plant facilities and TEF equipment, vehicles, tools, materials and supplies;

Assesses equipment accident damages, gathers repair estimates, and with approval, awards repair work to lowest qualifying bidder;

With concurrence of Equipment Superintendent, designs, modifies and fabricates accessories and attachments for new equipment;

Provides input to Equipment Superintendent to determine if vehicle should be repaired or replaced;

In a Regional Shop:

Coordinates equipment compliance, preparation, repair, and disposal;

Works as lead to ensure quality and expertise in equipment repair operations;

Performs equipment mechanic duties and also works as assistant to the Equipment Supervisor;

Assists in the initiation, preparation, and maintenance of equipment records;

Works as a liaison between parts and shop personnel;

Acts in the absence of the Equipment Supervisor;

Provides input to Equipment Supervisor to determine if vehicle should be repaired or replaced;

Knowledge and Abilities

Knowledge of: standard practices, methods, materials, tools and equipment of mechanic trade; principles of operation of internal combustion engines; preventative maintenance methods; record keeping; safety practices.

Ability to: supervise or lead a crew of equipment mechanics or inmates; estimate materials and personnel needed to complete job; repair, replace or fabricate parts and train inmates to repair, replace or fabricate parts for heavy and/or industrial commercial equipment.

Minimum Qualifications

Two years of experience as an Equipment Mechanic 1-

OR

High school graduation or possession of GED certificate and two years of experience as a journey-level mechanic repairing heavy duty or commercial/industrial equipment.

A valid driver's license is required.

NOTE: In the Department of Transportation, a Class A Commercial Driver's License (CDL) with endorsement "N" is required within the first six months of employment. Other agencies may require that a Commercial Driver's License (CDL) with appropriate endorsements be attained within the first six months of employment.

NOTE: Equipment Mechanic 1 -Transportation experience will substitute for the Equipment Mechanic 1 experience on a year for year basis.

Revised minimum qualifications: 2-7-72

Revised definition: 1-12-73

Highway Maintenance Class Study, code change (formerly 7247):
7-1-75

General revision: 7-78

Revised definition and minimum qualifications and title change
(formerly Equipment Mechanic 2, Highways): 2-9-79

Revised minimum qualifications: 10-13-89

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

Revised typical work: 5-14-99

Revise title (formerly Equipment Mechanic 2 - Transportation),
adds class series intent, revised definition, minimum
qualifications, general revision: 7-13-01