

METRO
Classification Description

Title:	Maintenance Worker 3	Bargaining Unit:	LIUNA 483
Job Code:	0447/4447	Established:	9/94
Pay Range:	360/470	Revised:	9/2009
FLSA Status:	Non-Exempt	EEO Category:	Skilled/Craft

CLASSIFICATION DESCRIPTION

Perform, design, fabricate, and coordinate maintenance, construction, and operator responsibilities required for complex, multi-specialty, multi-trade functions such as the Zoo Railroad with overall responsibility for machinist, mechanic, electrical, welding, painting, carpentry, concrete and other trades required for diesel and steam engines as well as coaches, control systems, shops, tracks, narrations, tours, and emergency services.

DISTINGUISHING FEATURES

This is the third level of a three level maintenance worker progression and focuses on complex, critical multi-specialty, multi-trade functions at the Zoo Railroad. Level 1 focuses on skill development and day-to-day maintenance, operation, and construction. Level 2 focuses on journey level multi-skill responsibilities and specialty related functions.

DUTIES AND RESPONSIBILITIES

Tasks listed are intended to be descriptive and not restrictive. An employee in this classification may perform any of the tasks listed; however, these examples do not include all the tasks which an employee may be expected to perform.

1. Consults with colleagues and supervisors as necessary to determine job requirements; prepares rough working drawings, estimates materials and parts needed, and obtains parts and other materials. Prepares complex designs, lay outs, and project plans as required.
2. Performs and coordinates repairs and major overhauls on steam or diesel locomotives or other equipment, systems, or facilities. Also arranges for contractor services as needed.
3. Operates complex machine and/or electrical testing tools such as lathes, extended boom lifts, milling machines, drill presses which may include precision machining to fabricate parts such as wheels, axels, or bearing boxes. Also tests, makes or modifies parts or components for other Zoo departments.
4. Operates gas, diesel and steam powered locomotives and other heavy equipment. This may include: sells and takes train tickets, cash handling, loads and unloads train passengers, inspects passenger cars to ensure that all doors are properly secured, and observes all safety precautions.
5. Communicates with train passengers and/or other Zoo guests while in route regarding sites, history, activities, events, and project plans. Performs other guest service functions such as emergency services or helping to tend to lost children.
6. Performs ongoing railroad and other complex equipment inspections such as brake and passenger car inspections and ensures all components are in proper working order.

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7. Erects, maintains and repairs various types of track, control systems, buildings, sheds, fences, animal exhibits and other structures. Repairs and replaces electrical and mechanical power tool switches.
8. Consults managers, supervisors, curators, animal keepers, and other Zoo employees regarding animal care, horticulture, safety, and guest service requirements needed during projects.
9. Fabricates metals by cutting and welding to build or repair train engines and coaches, fences, gates, animal shelters, feeders, barriers and parts.
10. Performs and assists other maintenance, operator, and contractor staff and crews and assists Maintenance Electrician or Maintenance Technicians as necessary.
11. Performs other maintenance worker duties such as operating equipment, installing valves, roof and sink drains, faucets, sinks, watering troughs, hot water tanks and waterlines in buildings and below ground, cleans basins, drains, and unplugs pipes.
12. Performs and helps coordinate zoo maintenance specialty duties such as builds cages and crates, fabricates tools for animal lifting, or completes jobs in public walkways or animal exhibit locations.
13. Performs concrete work including builds forms, mixes and pours concrete for control pads, animal pools, walls, floors and slabs, removes forms and finishes exposed surfaces.
14. Operates a variety of hand and power tools and equipment such as power saws, routers, drills, jack hammers, paint spraying equipment, plumbing wrenches and automotive repair tools and equipment.
15. Operates forklifts, lifters, front-end loaders (including tractor, backhoe, and bobcat), 10-yard dump truck and garbage truck.
16. Compiles data for reports.
17. Assists the public, public officials and other employees in a professional and courteous manner.
18. Develops safe work habits and contributes to the safety of self and co-workers.
19. Contributes to a positive team atmosphere.
20. Has regular and punctual attendance.
21. Performs assigned duties during an emergency situation.
22. Other duties as assigned.

JOB SPECIFICATIONS

(These are any combination of education and experience that has provided knowledge, skills and abilities to perform the duties of this position. Prior work experience and educational requirements listed are typical ways of obtaining the required qualifications. Other equivalent combinations of education, training and experience will be considered.)

Job Preparation

Education and Work Experience

- Trade certificated or equivalent and 5 years progressively responsible multi-skill, multi-trade experience such as required for mechanic, machinist, electrical, welding, and heavy equipment operator responsibilities comparable to the Zoo Railroad including design, fabrication, and project management or any combination of education and experience that provides the necessary knowledge, skills, and abilities

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to perform the classification duties and responsibilities.

Knowledge, Skills and Abilities

- Multi-specialty multi-trade functions and services standards, practices, methods, tools and materials of, for example, mechanic, machinist, carpenter, painting, plumbing, electrical, welding, concrete and other trades
- Occupational hazards involved and the safety precautions necessary in multi-specialty multi-trade functions and services
- The operation of diesel and steam engines if assigned railroad engineer duties and of other heavy equipment engines in other areas
- Locate and analyze problems and performing corrective actions
- Work or prepare penciled sketches, layouts, specifications, blueprints and written instructions
- Use and care for standard and specialty tools and equipment of the trade, including the operation of automotive and heavy equipment
- Organize, plan and project management
- Communicate in guest services areas and solve problems
- Operate equipment related to area of assignment such as high precision lathes, and drills, trains, backhoe, bobcat, tractor, tamper, graders, spike driver, jackhammer, and/or other equipment
- Estimate materials required for complex large scale projects
- Read and interpret rules, regulations and codes
- Lead and provide technical supervision to skilled, semi-skilled, contractor, and other workers, crews, temporaries or seasonal staff
- Physically perform manual work indoors and outdoors under severe climate conditions and perform essential duties of the position including lifting 50 pounds
- Work around exotic and sometimes dangerous animals and to react quickly to hazardous conditions
- Establish and maintain effective working relationships with other employees
- Communicate clearly and concisely and to understand, issue, and follow written and oral instructions
- Be meticulous in the cleanup of work areas within shop, field, or animal exhibit areas
- Respond and troubleshoot emergencies such as assisting with lost children or missing persons, engine and control failures, broken water mains, gas lines, electrical outages and make necessary repairs
- Apply Federal, State, and local policies, procedures, laws and regulations for respective field
- Use discretion with confidential and sensitive matters
- Provide excellent customer service by meeting the needs of and interacting with employees, volunteers, vendors, the public, and others encountered during the course of work in a courteous and professional manner
- Establish and maintain cooperative working relationships with employees, volunteers, vendors, and others encountered during the course of work

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- Work in a safe manner and follow Metro safety policies, practices, and procedures
- Perform the assigned duties of the position

Special Requirements

- Successfully pass the background check and screening requirements of the organization
- Possession of, or the ability to obtain upon hire, and maintain a valid Oregon Driver's License and First Aid/CPR Certification, and to obtain within six months and maintain Locomotive Engineer Certifications (Steam and Diesel) and such other certifications and licenses as may be required

Tools and Equipment Used

- Variety of hand and power tools and equipment such as power saws, routers, drills, jack hammers, paint spraying equipment, plumbing wrenches and automotive repair tools and equipment
- Operate forklifts, lifters, front-end loaders (including tractor, backhoe, and bobcat), 10-yard dump truck, garbage truck, tamper, grader, and/or other equipment
- May use standard office equipment including but not limited to computer and printer, fax machine and copy machines; computer software including MS based word-processing and spreadsheets

Supervision

- Supervision is received from a supervisor or manager as part of a self directed work team or in a trade specialist capacity

Work Environment

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions.

- Duties may require prolonged strenuous efforts in hazardous locations, contaminated areas, enclosed spaces, at heights, under inclement weather and other adverse conditions

The job classification description does not constitute an employment agreement between the employer and employee and is subject to change by the employer as the needs of the employer and requirements of the job change.