

BEFORE THE METRO COUNCIL

FOR THE PURPOSE OF ADDING A NEW ) RESOLUTION NO. 00-3007  
JOB CLASSIFICATION OF EXHIBITS )  
TECHNICIAN 2 AT THE OREGON ZOO ) INTRODUCED BY  
 ) MIKE BURTON  
 ) EXECUTIVE OFFICER

WHEREAS, Metro Code Section 2.02.340 requires that any new job classification added to the classification plan requires Council approval; and

WHEREAS, Metro's classification plan does not currently include a position classification with the duties involving the construction, renovation, and maintenance of naturalistic environments including simulated rocks, trees, and vines, at the Oregon Zoo; and

WHEREAS, the Oregon Zoo requires this job classification to ensure the Zoo's artificial environments are environmentally correct and aesthetically pleasing to Zoo inhabitants and visitors; and

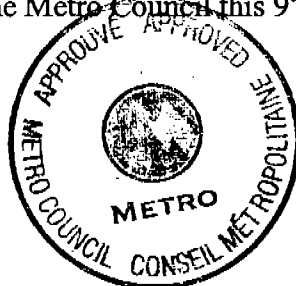
WHEREAS, Human Resources has appropriately classified the job of Exhibit Technician 2 at a salary range of \$15.70 to \$19.90 per hour; and

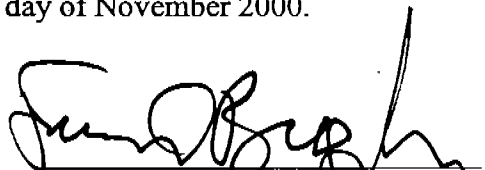
WHEREAS, the current Oregon Zoo FY 2000-2001 budget is sufficient to encompass the pay range for the Exhibit Technician 2; now, therefore,

BE IT RESOLVED,

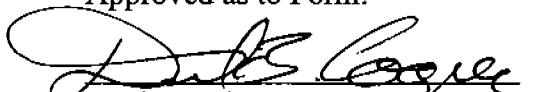
1. That the new job classification of Exhibits Technician 2 is added to Metro's classification plan as shown on Exhibit A attached hereto.

ADOPTED by the Metro Council this 9<sup>th</sup> day of November 2000.



  
David Bragdon, Presiding Officer

Approved as to Form:

  
Daniel B. Cooper, General Counsel

## Exhibit A

### **METRO**

Class No.		Established: 9/00
Title:	Exhibits Technician 2	Revised:
Range:	358	EEO:
Bargaining Unit:	LIU, Local 483	
FLSA:	Non-Exempt	

### **GENERAL STATEMENT OF DUTIES:**

Performs skilled and semi-skilled work in a variety of construction, renovation, and maintenance functions involving concrete, carpentry, welding, and painting trades. Participates in the creative process to help design and build naturalistic environments. Operates automotive and construction equipment. Work may be performed in hazardous locations at times and under inclement weather conditions. Does related work as required. Employees will be compensated an additional 5% when performing assigned duties which require a trade license if an employee possesses the license.

### **SUPERVISION RECEIVED:**

Works under the supervision of the Exhibits Coordinator. May receive daily oversight from the Maintenance Lead. Employee may receive specific instruction on particular assignments. Supervisor and/or lead generally gives information about basic nature of work, with decision about specific methods left to the employee. Work may be inspected while in progress or at completion for workmanship and results obtained.

### **SUPERVISION EXERCISED:**

May be assigned lead duties for lower classifications at site or on project.

### **EXAMPLES OF PRINCIPAL DUTIES:**

1. Consults with supervisor and various zoo staff to determine the requirements of each job; estimates materials, prepares working drawings as needed and obtains materials.
2. Builds and renovates various animal exhibits including exhibit space, viewing areas, animal holding areas, service facilities, pathways, and necessary amenities. Installs items and equipment for animal, staff, and visitor use.
3. Performs all aspects of concrete work including forming, reinforcement, placement, mixing, shotcrete, and finishing.
4. Works with others in the creation of artificial elements in animal exhibits i.e., rockwork, trees, and vines using a variety of mediums from concrete to epoxies and fiberglass.

5. Carves concrete and epoxies to simulate rocks, trees, and vines. Applies finishes to give items a high level of detail.
6. Uses different mediums to create molds, texture pads, and castings
7. Fabricates metals by cutting and welding to build barriers, gates, doors, shelters, feeders, and parts.
8. Installs piping and other parts for sanitary sewer, water supply, storm water removal, and life support systems. Work is done in buildings and below ground.
9. Performs layout of various exhibit features. Uses lasers to establish grades and location of elements.
10. Operates forklifts, concrete pump, backhoe, bobcat, front-end loader, dump truck, and other equipment as needed.
11. Uses and operates a variety of hand and power tools and equipment requiring specific skill, including power saws, routers, drills, jack hammers, paint spraying equipment.
12. Performs or oversees preventative maintenance of equipment
13. Meticulously cleans work areas
14. Performs other related duties as assigned

## **RECRUITING REQUIREMENTS**

### **KNOWLEDGE, SKILL, ABILITY:**

- Ability to artistically create elements that simulate natural environments.
- Considerable knowledge of standard construction practices, methods, tools, and materials.
- Knowledge of various construction trades including, sitework, concrete, carpentry, welding, plumbing, and painting.
- Ability to work from rough sketches, construction documents, and written/oral instructions.
- Ability to use different mediums such as concrete, epoxy, and fiberglass to create artificial rocks, trees, and vines.
- Considerable knowledge of the occupational hazards involved and the safety precautions necessary in the area of specific assignment.
- Skill in locating and analyzing problems and performing corrective action.
- Skill in using and caring for standard tools and equipment of the trade, including the operation of automotive and heavy equipment.
- Ability to perform material take off, and estimating.
- Ability to read and interpret rules, codes, and regulations, lead unskilled or semi-skilled workers when assigned as helper.
- Knowledge of techniques used in mold making and casting
- Ability to work around exotic animals, and to react quickly to hazardous conditions.
- Ability to work with and interact with other employees, volunteers, and public.
- Ability to establish and maintain effective working relationships with other employees.

### **EXPERIENCE AND TRAINING:**

Considerable and varied experience in the construction and renovation of exhibits, buildings, and related facilities including exposure to most, if not all trades associated with the position and sufficient education to demonstrate the ability to read and understand instructions, blueprints and other written specifications related to the position, or any combination of experience and training which provides the knowledge, skill, and ability necessary for successful completion of the essential job duties.

### **PHYSICAL REQUIREMENTS:**

- Ability to perform heavy manual labor for extended periods, often under inclement weather conditions.
- Ability to push, pull, lift and carry 50 pounds on a regular basis.

### **LICENSES:**

Possession of, or ability to obtain upon hire, a valid driver's license.

### **JOB CONDITIONS:**

Work is performed indoors and outdoors with exposure to all types of weather conditions. Work is physical in nature and requires heavy manual labor. Incumbent is exposed to chemicals, dust and debris.

## Staff Report

### **FOR THE PURPOSE OF ADDING A NEW JOB CLASSIFICATION OF EXHIBITS TECHNICIAN 2 AT THE OREGON ZOO**

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Date: November 16, 2000

Presented by:

Lilly Aguilar

#### Proposed Action

Resolution No. 00-3007 adds to Metro's classification plan a new job classification of Exhibits Technician 2 at the Oregon Zoo.

#### Existing Law

Under Metro Code 2.02.340 any new job classification added to Metro's classification plan requires Council approval.

#### Background and Analysis

With the expansion and/or updating of existing exhibits and the creation of new exhibits at the Oregon Zoo, it is vital to have employees with artistic ability, knowledge and experience working with concrete, epoxies and fiberglass to create artificial environments. Outside contractors have previously performed this work.

The employee in this position will perform skilled and semi-skilled work in a variety of construction, renovation and maintenance functions involving concrete, carpentry, welding and painting trades. The employee in this position will participate in the creative process to assist in designing and building naturalistic environments. The employee in this position will carve concrete and epoxies to simulate rock, trees and vines and applies finishes to give items a high level of detail. The employee in this position will use a variety of mediums from concrete to epoxies and fiberglass to create molds, texture pads and castings.

The proposed new classification is Exhibits Technician 2. The salary would be established at the existing Laborers International Union, Local 483 Salary Range 358 (\$15.70 - \$19.90). This new classification and the defined job duties have been reviewed and approved by the Zoo Director and by Human Resources. The classification description is attached to Resolution No. 00-3007 as Exhibit A.

## Findings

Creating this classification serves the following objectives:

- Enables the Oregon Zoo to have the on-site expertise and capability of creating artificial environments that are aesthetically pleasing to Zoo inhabitants and visitors.
- Eliminates the need to hire external consultants/artists to create the majority of the Oregon Zoo's artificial environments.

## Budget Impact

There is no budget impact, because the subject wages are covered by the current Metro budget. This work has previously been done by outside contractors with costs ranging between \$35 to \$150 per square foot.

## Executive Officer's Recommendation

The Executive Officer recommends passage of Resolution No. 00-3007.