

LABORATORY FACILITIES TECHNICIAN II

NATURE OF WORK

This is semiskilled and supervisory work in performing a wide variety of support tasks for the Ocean Sciences Centre.

The employee of this class is responsible for supervising and participating in the installation, repair and maintenance of fish tank and related plumbing, pumps and apparatus of the laboratory. Work of this class is distinguished from that of Laboratory Facilities Technician I by the nature of supervisory responsibilities exercised, supervision received and complexity and difficulty of technical duties performed. Supervision is exercised over subordinate staff performing semiskilled and nontechnical work. Assignments are received in the form of oral or written instructions and work is performed under the general supervision of the Laboratory Services Supervisor. Supervision received is in the form of review of completed work, discussion and observation of results obtained.

ILLUSTRATIVE EXAMPLES OF WORK

Supervises and participates in the installation, maintenance and repair of fish holding tanks, various water pumps and plumbing related to tanks; replaces plumbing sections; cleans drains and filters; tightens bolts and fittings.

Assembles A-frames for research tanks; constructs wooden shelves, benches and glassware holding devices; repairs and reinforces apparatus as requested.

Assists Technical Services personnel in the repair and installation of research equipment by providing necessary tools and performing various work according to specific instructions.

Operates a variety of tools such as table saws, routers, milling machine, drills and small tools.

May transport personnel, equipment, supplies and mail between Ocean Sciences Centre, University campus and outlying areas.

May operate laboratory van to pick up and deliver samples from fishermen and fish suppliers; ensures that samples are properly stored for transportation.

Performs related work as required.

REQUIREMENTS OF WORK

Considerable experience in the installation, maintenance and repair of fish holding facilities and related plumbing, including some supervisory experience; graduation from high school,

preferably supplemented by training in the repair and maintenance of fish tanks and related plumbing and apparatus; or any equivalent combination of experience and training which provides the following knowledge, abilities and skills:

Considerable knowledge of the methods, materials and techniques used in the installation, maintenance and repair of fish holding facilities and related apparatus.

Knowledge of the hazards and safety precautions involved in the work.

Knowledge of the proper transportation of live aquatic animals.

Knowledge of the location of University buildings, outlying installations and various buildings in St. John's and the surrounding areas.

Some knowledge of the principles of natural science applicable to fish holding facilities.

Ability to supervise the work of subordinate positions and to schedule workload to meet deadline requirements.

Ability to explain and demonstrate the use of workshop equipment and methods and techniques of the installation, maintenance and repair of related facilities.

Ability to build and repair marine research apparatus.

Ability to use and maintain the tools and equipment of several trades in a safe and effective manner.

Ability to perform tasks requiring mechanical aptitude.

Ability to operate a motor vehicle safely.

Ability to follow oral and written instructions.

Ability to establish and maintain effective working relationships with faculty and staff.

Skill in the care and use of tools and equipment.

Physical strength sufficient to perform heavy manual tasks.

Possession of a valid Province of Newfoundland and Labrador driver's license.

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