

LABORATORY FACILITIES TECHNICIAN I

NATURE OF WORK

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

Employees of this class perform work in the installation, repair and maintenance of fish holding facilities and related plumbing, pumps and apparatus of the laboratory as well as in the transporting of merchandise, packages, supplies, equipment and personnel and the collection of samples for research activities. Work of this class requires aptitude and ability rather than a high degree of skill in any particular trade. Assignments are received in the form of oral or written instructions and work is performed under the general supervision of a technical supervisor. Supervision received is in the form of review of completed work, discussion and observation of results obtained.

ILLUSTRATIVE EXAMPLES OF WORK

Installs, maintains and repairs fish holding facilities, 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.

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

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

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

Performs a variety of manual and standardized clerical tasks.

Performs related work as required.

REQUIREMENTS OF WORK

Experience in operating passenger vehicles supplemented by experience in the installation, maintenance and repair of fish holding facilities and related plumbing; 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:

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

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

Some knowledge of the hazards and safety precautions involved in the work.

Some knowledge of the proper transportation of live aquatic animals.

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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