

Job Posting

Job ID: 27589
Location: Vancouver - Point Grey Campus
Employment Group: Technicians & Research Assists
Job Category: Research/Technical - Non Union
Classification Title: Research Asst/Tech 1
Business Title: Pulp and Paper Lab Technician
VP/Faculty: Faculty of Applied Science
Department: Pulp & Paper Centre
Salary Range: \$39,032.00 (minimum) - \$40,941.00 (midpoint) - \$42,851.00 (maximum)
Full/Part Time: Full-Time
Desired Start Date: 2017/11/01
Job End Date: 2018/10/31 **Possibility of Extension:** Yes
Funding Type: Budget Funded

Closing Date: 2017/09/17 **Available Openings:** 1

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Guiding principle: "Midpoint" of the hiring salary range means the individual possesses full job knowledge, qualifications and experience.

Job Summary

1-year contract with potential for extension, regular 37.5 hour work week.

The incumbent will work in the UBC Pulp and Paper Centre's pulp testing laboratory. The candidate will assist in experimental trials, and will be responsible for characterizing a range of mechanical pulp samples that have been refined in the PPC pilot plant as part of the research program "Energy Reduction in Mechanical Pulping."

Organizational Status

The candidate's supervisor will be Professor James Olson, principle investigator on the research project. The technician will be based in the Pulp and Paper Centre. They will receive training from, and work closely with a Research Technician on the same research project, and have general supervision from the Research Engineer managing the project.

The Pulp and Paper Centre is an interdisciplinary, cross-faculty research centre with specialized laboratories and offices for graduate students, post-doctoral fellows, research engineers and faculty who conduct research for the benefit of the current and future pulp and paper industry. The centre serves to bring together faculty and student researchers to work collaboratively with the manufacturing industry, utilities, supplier industry, consultants and government agencies.

Work Performed

1. Prepare pulp suspensions and test for various properties including freeness and fibre length.
2. Prepare handsheets and test them for strength, optical properties, etc.
3. Record and organize testing result data.

4. Physical requirements include lifting, moving and stacking 10-20 pound buckets of pulp, repeatedly.
5. Assist with experimental trials in low consistency refining and screening pilot plants, including pulp breaking and suspension preparation, sample collection, and cleaning up after trials.
6. Maintain lab equipment in clean and working order, and keep lab spaces organized.

Supervision Received

Candidate will have frequent supervision by Research Engineer and occasional supervision by Primary Investigator.

Supervision Given

None.

Consequence of Error/Judgement

Conducts work independently. Work is reviewed against standard procedures. Exercises judgement in quality of results, for example deciding to repeat sample testing that fall outside acceptable limits of errors. Work will be subject to review by research engineer and supervisor.

Qualifications

High School graduation. Undergraduate degree in Engineering or Science preferred. Minimum of 1 year of related experience or the equivalent combination of education and experience. Previously laboratory experience would be ideal. The candidate should have motivation and enthusiasm for lab work, as well as a careful adherence to procedure and attention to detail. Communication skills to convey results to fellow staff members. Pulp and paper knowledge would be an asset.

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.

All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority.

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