



The André E. Lalonde AMS Laboratory

The Canadian Centre for Accelerator Mass Spectrometry and Radioisotope Research
University of Ottawa
25 Templeton St
Ottawa ON K1N 6N5 Canada

Telephone: 613-562-5800 ext 7314
Web :www.ams.uottawa.ca



POSITION DESCRIPTION

1. General Information

Position Title: Technician (1) (NR2) – Radiocarbon Laboratory

Faculty / Service and Department:

Science / Earth & Environmental Sciences / A. E. Lalonde AMS Laboratory (AEL-AMS)

Position Reports to (Title): Senior Technicians (AEL-AMS) and Director (AEL-AMS)

Effective Start Date: 2017/10/16 or as soon as possible

2. Position Purpose

The Lalonde AMS Laboratory is an advanced scientific facility operating an accelerator mass spectrometer to measure radiocarbon in Earth, environmental, archeological and other samples. This position is to assist senior technicians with the preparation of samples for radiocarbon analysis, performing and recording measurements using bench top equipment, balances, high vacuum extraction lines, chemicals, gases and heaters. Tasks include general laboratory maintenance, routine cleaning and preventative maintenance of laboratory equipment and glassware.

3. Specific Accountabilities

1. Follows established protocols to prepare samples of wood, shell, water, gas, etc. for analysis
2. Under supervision, performs laboratory tasks including: weighing, centrifuging, basic chemistry with acids and bases, freeze drying, baking glassware, torch sealing tubes, operation of a vacuum line and operation of an Elemental Analyzer.
3. Maintains records of measurements and of tracking of samples throughout the preparation processes.
4. Assists with general laboratory operation and maintenance including inventory, stocking supplies, cleaning glassware.
5. Maintains a high standard of cleanliness and organization in the laboratory (counters, cupboards, drawers, fume hoods).
6. Performs basic maintenance of equipment and apparatus.
7. Assists senior staff in construction and installation of new equipment.
8. Ensures compliance with policies and safety standards.
9. Carries out other related duties as required in keeping with the qualifications and requirements of positions in this classification.

4. Knowledge, Experience and Skills

- College degree in a relevant program or Bachelor of Science.
- Knowledge of the periodic table and isotopes (carbon isotopes in particular).
- Basic knowledge of laboratory equipment.
- Exceptional attention to detail.
- Knowledge and experience in safe laboratory practices.
- Strong organizational and analytical skills.
- Proficient in the MS Office suite software (Excel, Word)
- Excellent communications skills. Advanced written and verbal skills in English required. French is an asset.

Contract position, renewed annually. 35 hour work week. Salary range (NR2): \$ 41 081 to \$52 793

Send CV, a cover letter and 3 references to Christabel Jean (cjean2@uottawa.ca) with “Radiocarbon Job Application” in the subject line.

Submission date limit: 2017/09/27