

BC Certification Program Examiners Board Member – Required Key Competencies

- Must be a Certified Assayer in the Province of British Columbia preferably with some supervisory experience.
- Must have a well-grounded experience in:
 - Fire-assay, classical, and instrumental analytical techniques for samples derived from mineral exploration, mining, metallurgical processing, environmental impact monitoring, and mine reclamation activities.
 - Thorough understanding of sample cominution, sub-sampling, and chemical and/or physical sample preparation techniques prior to analysis.
 - Role of pathfinder elements in mineral exploration and their chemical characteristic considerations in selection of analytical techniques.
 - Role of mineralogy in pretreatment of samples in a given analytical technique and acid rock drainage in general.
 - Application of acid rock drainage mitigation control measures in proposed, active, and abandoned mines.
 - Comprehensive understanding of makeup of various laboratory instruments and their components plus computer controlled functions.
 - Internal and external quality control measures used in the field and laboratory environment together with statistical assessment of raw data.
 - Sampling theories and their application in the field and laboratory.
 - Sampling and analytical equipment contamination control measures as practiced in a laboratory, exploration project, mining, and metallurgical plant.
 - Thorough understanding of Laboratory Hazards, Industrial Hygiene, Laboratory Safety Practices in conformation with the Worksafe and WHMIS Programs, and all other Local, Provincial, and Federal government regulations.

Examiner – Job Description

In addition to having the key competencies required of an Examining Board Member an examiner should also be willing to:

- Attend Examination Board meetings and, if requested by the Board Chair, record meeting minutes.
- Help uphold and improve the examination standards that reflect the current analytical chemistry knowledge and practices.
- Attend Advisory Council meetings and, when requested, advise on the examination curriculum and changes in examination structure and schedule.
- Attend advisory council meeting and serve as a director of BC Certified Assayers Foundation.
- Assist the Board Chair in setting written theory question papers for examinations and preparing materials for the practical examination.
- Ensure confidentiality in all matters pertaining to the examination.

- If required, assist in vigilating theory and practical examinations at the British Columbia Institute of Technology or other laboratory.
- Mark and tabulate candidate's score in consultation with the Board Chair.
- Promote the British Columbia Assayer Certification Program in B.C, Canada, United State and Internationally.
- Help Recruit students for the Assayer Training Program at British Columbia Institute of Technology.
- Act as a liaison person between the BC government and the Industry on matters of assayer certification training.
- Guidance, assist and mentor trainee assayers in their work environment where practical.
- Help solicit the Mining Industry and Professional Associations for student scholarship funds.