

Research Chemist PhD

Jazoo Express Courier Ltd plans on expanding into recovery of precious metals from electronic wastes with its partners Excir Works Corp. To get its goal Jazoo is seeking an experienced Research Chemist. This full time permanent position is available immediately. It will be paid at an hourly wage of \$ 50 to 51.06 per hour.

Jazoo Express Courier Ltd is located at Bay 13, 2712 – 37 Avenue NE Calgary, Alberta T1Y 5L3. The location of work for the Research Chemist will be in Calgary, Alberta.

Main duties

- The successful applicant will:
 - Analyze, synthesize, purify, modify and characterize chemical compounds
 - Develop and conduct programs of analysis to ensure quality control of raw materials, chemical intermediates or final products
 - Conduct programs of sample and data collection and analysis to identify and quantify environmental toxicants
 - Conduct research to develop new chemical formulations and processes and devise new technical applications of industrial chemicals and compounds
 - Conduct research for the recovery of platinum group metals from spent catalysts and catalytic converters.
 - Conduct research to discover, develop, refine and evaluate new products such as those used in extraction, purification and recovery of precious metals.
 - Ensure new products developed can be manufactured with high yield, good quality, low cost, and high production uptime
 - Develop new methods to recovery of other metals such as copper from electronic waste.
 - Present research results to technical and business stakeholders
 - Follow established safety protocols
 - May participate in the commercialization of new products and processes
 - May supervise other chemists and chemical technicians and technologists.

Employment requirements

- Proficiency in English or French is required.
- PhD in chemistry with 2-3 years research experience in the field of precious metals extraction.
- Candidate must be familiar with the chemistry of aqueous and non-aqueous media for precious metals extraction.
- Having patents, publications or other public materials that demonstrate creativity in application of scientific concepts is a great asset.
- Experience with designing metal extractants and organic ligands for recovery of precious metals

- Experience in the field of precious metals purification
- Use Word, Excel and scientific software proficiently
- Be able to work in a team environment, be a self-starter on projects and interact and support colleagues and others in a respectful but creative manner

Additional information

Jazoo Express Courier Ltd. is a locally owned company providing Transportation of Dangerous Goods (TDG) services to a wide variety of companies throughout Alberta and Western Canada.

If interested in applying, please contact:

Send email to: calgary.operations@jazooCourier.com,

Mailing address: Bay 13, 2712 – 37 Avenue NE Calgary, Alberta T1Y 5L3,

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