



Job Description: Intern, Bench Chemist, Battery Recycling

Position Summary:

American Battery Technology Company (ABTC), formerly American Battery Metals Corporation (ABMC), is seeking to hire a Bench Chemist Intern to join our team in the validation and optimization of our internally developed integrated process train for the recycling of lithium-ion batteries. This role will work alongside our senior chemists and engineers in the bench scale dissection, separation, sorting, extraction, purification, and crystallization of the tested batteries and their constituent materials. This role will require significant hands-on laboratory bench work and sample preparation, as well as the operation of analytical instruments and interpretation of complex data. This role will be based out of our wet lab and piloting facility within Greentown Labs (www.greentownlabs.com) in Somerville, MA.

Position Responsibilities:

- Work with senior chemists to establish standard operating procedures (SOP's) for each of the experiments to be performed
- Perform bench scale experiments for the processing of battery cells and extraction of elemental products (physical dissections, acid dissolution, filtration, liquid-liquid extractions, ion-exchange separations, selective precipitations, etc.)
- Perform analytical measurements on intermediate materials and extracted products (GC-MS, ICP-OES, UV/VIS, pH, ORP, PSD)
- Interpret results of analytical measurements, modify experimental procedures as needed, and iteratively optimize bench scale processes
- Prepare reports and analyses for Project Managers and company management
- Related duties and special projects as requested by management

Position Requirements:

- Previous laboratory experience and familiarity with operating and safety procedures within wet laboratory facilities
- Meticulous attention to detail and ability to interpret complex data
- Ability to write clearly and present information in a communicable manner
- Ability to work well under limited supervision
- Ability to comprehend and adhere to facility safety procedures and requirements
- BS and/or MS in Chemistry or Chemical Engineering, or equivalent professional experience

About ABMC:

American Battery Metals Corporation (www.batterymetals.com) is an advanced technology lithium-ion battery recycling and battery metal resource production company based in Nevada. We are a publicly traded (OTCQB: ABML), American-owned company that is meeting the soaring global demand for battery metals with a domestically sourced complete lifecycle approach—from mining to production to recycling—that is both innovative and sustainable.