

ACCELERATOR WASTE ENGINEER

\$80K - \$120K

On-site role in Santa Clarita, CA, with sporadic travel; company will pay for relocation

Company will transition to Utah in 2-3 years

Contact: missi@humanelementcompany.com

Position Summary

The Accelerator Waste Manager position will develop the Waste Management Program to support the company's mission to bring stability to the medical isotope market. The Waste Management Program includes handling, processing, packaging, storage, characterization, and disposal of non-hazardous waste, hazardous waste, radioactive waste, mixed waste, and other waste streams in accordance with local, state, and federal regulations. The Accelerator Waste Manager will also provide input on waste management areas layout and equipment, waste inventory tracking system, and selection of and coordination with Waste Disposal Sites. The ideal candidate will enthusiastically explore the different aspects of our business to broaden their technical skills and knowledge in waste operations, work closely with stakeholders to arrive at safe and efficient waste disposal methods, and recruit and mentor staff.

Responsibilities

- Identify all planned waste streams by gathering relevant information, e.g., generating process; expected waste characteristics; generation rates and quantities; waste containers; expected disposition pathway.
- Define and implement appropriate waste characterization methods, e.g., sampling and analysis, direct measurements, process knowledge, scaling.
- Define operationally efficient, compliant, and cost-effective waste management options at the facility for each identified waste stream, e.g., generator handling, solidification, consolidation/commingling, packaging
- Prepare required budgets for program development, and on-site and off-site management of waste
- Review and provide suggestions on the facility design, floor plan configurations, equipment, and supplies for waste storage and shipping areas to manage the planned wastes
- Provide solutions on miscellaneous issues such as Chemical and radioactive waste inventory, and manifest tracking systems of Waste minimization and avoidance / Waste management emergency response and training requirements
- Collaborate with off-site waste brokers and/or waste receiving facilities to:
- Identify the specific requirements of the potential receiving facilities and states, e.g., permits and notifications, waste form, characterization, packaging, quality assurance, laboratory certification, stabilization agents
- Define and implement a process for evaluating planned waste packages and waste shipments for compliance with applicable Department of Transportation and receiving facility waste acceptance criteria, e.g., dose rates; radioactivity content; waste classification; waste characterization data

Minimum Requirements

- Bachelor's Degree in environmental science, environmental health, environmental engineering, hazardous materials management, environmental management, industrial hygiene, chemistry, or similar program **AND** related professional work experience (2+ years) in handling, characterization, storage, packaging and/or transportation operations for hazardous waste, and radioactive (and/or mixed) waste OR an equivalent combination of education and experience
- Experience in a laboratory or research environment
- Excellent communication and teamwork skills
- Familiarity with scientific and engineering unit conversion

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- Computer proficiency (Microsoft Office, Google, related software etc.)

Preference will be given to candidates with:

- Relevant professional certifications and training (e.g., hazardous material shipper, RCRA waste sampling and analysis, radiation worker)
- Experience with accelerator-produced radioisotopes
- Demonstrated analytical thinking and rapid learning

Physical Requirements

- Respond to emergency calls to support 24/7 operations
- Must be comfortable working as a radiation worker
- Work to be conducted in both an office environment and the production facility.
- Must be able to sit for long periods of time. Frequent use of computer with repetitive use of keyboard, mouse, and manual dexterity.
- Ability to lift 30 lbs.
- 2-8 weeks of travel per year for visiting vendors, training, and attending conferences