

# ReSource<sup>®</sup> Program

## Leadership in Complete Source Management

As a complete radiometric measurement solutions provider, VEGA Americas is committed to supporting total management of ownership. To fulfill this commitment to its customers, VEGA is pleased to offer a responsible method of source life cycle management as an alternative to stockpiling and burial. This method, called the ReSource Program<sup>®</sup>, focuses on the reuse and recycling of radioactive sources used in industrial measurement systems.



### Source Reuse and Recycling

Through the ReSource Program, and an exclusive brokerage agreement with QSA Global, VEGA Americas takes ownership of a source from the customer and has it recertified through the manufacturer for reuse. A proprietary, over-encapsulation process plays an important role in this recertification, resulting in a “new” source without requiring the harvest of new materials. Risks associated with stockpiling and burial are eliminated for the customer, and the source is ready for use in a new application.

## An Ideal Solution

The ReSource Program is the ideal solution for any customer in need of removing unwanted sources with any of the following requirements:

- Eliminate customer liability associated with stockpiling
- Remove multiple source types from multiple manufacturers
- Benefit from complete source life cycle support
- Contact a single supplier for all instrumentation and radiation program needs
- Reduce the impact of radioactive waste on the environment

## ReSource Program Benefits:



### Relief of Liability

After the source has served its purpose, VEGA Americas will accept ownership and is then responsible for that source.

### Acceptance of Multiple Source Types

The ReSource Program focuses on cesium and cobalt sources from fixed industrial gauging systems, originating from VEGA Americas. Other manufacturers' sources, such as TN, Ronan, and Berthold, are also accepted through ReSource. Inquiries for other isotopes are welcome.

### Source Recertification and Renewal

VEGA Americas understands the importance of environmental responsibility. Radioactive sources are only used in applications that are too difficult for other measurement solutions, and must be properly managed throughout their life cycle. Reusing and recycling sources minimizes the amount of radioactive materials being introduced into the environment.

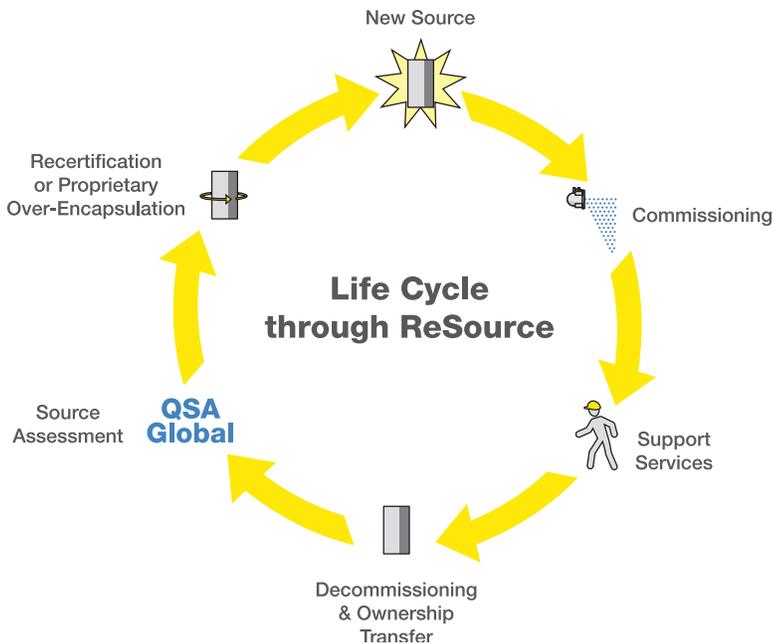
**VEGA**

## Principle of Operation

The ReSource Program assists the customer throughout ownership of a source, supporting complete source life cycle management. From new source procurement through ownership transfer at the end of the source's useful life, VEGA Americas offers full assistance.

### The ReSource Life Cycle

The life cycle of a source in the ReSource Program is categorized into six stages.



### Contact VEGA Today

VEGA Americas, Inc.  
4170 Rosslyn Drive  
Cincinnati, OH 45209  
USA

Toll Free +1 800 FOR LEVEL (367 5383)  
Phone +1 513 272 0131  
Fax +1 513 272 0133  
E-mail [americas@vega.com](mailto:americas@vega.com)  
Web [www.vega.com](http://www.vega.com)

- **New Source:** A source capsule is sized based on the activity required for its specific measurement application.
- **Commissioning:** The radiometric measurement system is commissioned into service.
- **Support Services:** Nuclear and Field Services provide routine and specialized service for the life of the source.
- **Decommissioning and Ownership Transfer:** Support services decommission the source and initiate transfer of ownership to VEGA, relieving customer liability.
- **Source Assessment:** Source manufacturer and ReSource partner QSA Global evaluates the source capsule for integrity and activity.
- **Recertification or Proprietary Over-Encapsulation:** QSA Global recertifies the source at its new activity, or over-encapsulates the source with a second capsule in a proprietary process. The source is now ready to be commissioned into a new measurement system.