



## Article Side

Tritium Radioactive Source Disposal Greener Options by [Reynaldocullen](#)

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When it comes to energy efficiency, even a simple aspect of building design can make a great contribution. With the view to save some money by reducing the consumption of electricity, business owners are planning to replace the conventional exit signs in their offices with self luminous products like exit signs made out of tritium. But, some of businessmen are of the doubt whether tritium powered exit signs are the best option for modern worksites. To understand about their suitability some information about these exit signs and tritium can be obtained from the content given below:

What is tritium? Tritium is nothing, but a radioactive isotope of hydrogen and it is used in gaseous forms in simple glowing wristwatches to standard emergency exit signs. In addition to being used in self luminous products, tritium gas is also used as booster in nuclear weapons and they are also used as a replacement to the carcinogenic radium in a number of commercial items. Next comes the safety features of the gas:

Tritium gas is harmless and it is not known to create any health risks, however, its radioactive nature makes it hazardous when ingested or inhaled. Therefore, in the case of any damage to the tritium based products, the product should be safely disposed off. If the gas leaks, it might create some health issues and therefore it is been made compulsory that tritium powered exit signs and other products should be returned to a licensed waste disposal site and if this method is not followed in tritium disposal or any other radioactive source disposal for that matter, the user will have to pay high penalties.

When a damaged tritium powered accessory is taken to a licensed disposal firm, they will dismantle all the components like legend, housing and frame. Then the removed parts are reconditioned and are again sold as exit signs. They conduct the tritium recycle process only when the components attached to the exit signs cannot be removed.

When it comes to tritium disposal, the general licensee will have to transfer the sign to a licensed radioactive source disposal broker and they will charge some fee for complete disposal. Once the disposal of tritium is completed, the general licensee will have to register a complete report with the model number, serial number and name of the dealer from whom the sign was bought to the Nuclear Regulatory Commission within 30 days. Therefore, the most useful tritium powered signs should be carefully disposed off for offering safety to the environment.

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We provide Tritium exit signs which can be easily understand by every one. a [tritium exit sign disposal](#) have various benefits like Safe Handling, Regulation, proper tritium disposal, a [tritium recycle](#) and many more. For more details about tritium disposal and radioactive source disposal. Please visit us online.

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