

# Tradebe Inutec: Innovative Solutions for Tritium



## Tritium Handling

Tradebe Inutec is a leading provider of specialist radioactive waste management services. We have successfully undertaken hundreds of projects to treat complex wastes on our secure site at Winfrith.

Tradebe Inutec's Winfrith site is unique in terms of its technology, facilities and its radioactive discharge authorisations for Tritium decontamination and disposal.

We have developed innovative technology solutions for the treatment of most tritium waste types, including desiccants and tritium storage beds (TSBs).

Tradebe Inutec has successfully treated large volumes of desiccant waste from UK nuclear sites. We have disposed ILW desiccant as VLLW having removed a high proportion of the tritium as an aqueous waste and subsequently incinerating it. This is supported by in-house tritium measurement and analysis.

We have in-house capabilities for tritium measurement by scintillation counting of liquid samples, on-line ionisation chamber measurement of gas and airborne tritium, radiographical measurement of tritium distribution over surfaces, mass spectrometry, and dedicated in-plant equipment associated with tritium recycling.

### Providing Customers with Flexibility & Value Through:

- Dealing with LLW and Borderline ILW Waste Streams
- Taking Title to Wastes and Reducing Risk
- Delivering a Fast, Responsive Service for Removing & Treating Wastes
- Offering a Low-Risk & Cost Effective Alternative to Customers Self-Performing.



### Contact Details

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