in a changing environment
Innospec Environmental is part of the dynamic new specialty chemicals group Innospec, the world’s only producer of tetra ethyl lead (TEL) and acknowledged experts in TEL production.

Not surprisingly, given our background and global resources, Innospec Environmental understands how to provide a complete decommissioning and remediation service for redundant lead alkyl blending plants.

Our teams of experts can decommission, decontaminate and dispose of plant and equipment that carry the toxic residues from TEL and other highly hazardous materials. The objective is always to deliver a safe yet cost-effective and environmentally sensitive solution.

Over the past decade, the demand for our services has increased significantly as the phasing out of lead in fuel gathers pace around the world. Experience tells us that if old blending plants are not decommissioned properly, they pose a serious health and environmental threat. That is why we provide a safe pair of hands. Our customers can be confident the project is being undertaken to the required standards.

Innospec Environmental provides a complete decommissioning and remediation service that covers TEL, TML and many other highly hazardous materials. Talk to us about your specific requirements.

De-sludging of bulk tank. Brisbane, Australia. (right)
To us, safety is always the most important issue. Get it wrong and it is not just a company’s reputation at risk. Redundant plants carry highly hazardous and environmentally harmful compounds that pose a serious threat to people’s health.

By choosing Innospec Environmental to carry out the decommissioning and decontamination work, our customers know we will safeguard the health of everyone involved in the project. This includes the on-site personnel carrying out complex decontamination and destruction procedures right through to the local population living in the surrounding countryside.

As well as remediation work on TEL plant, our experts have carried out cleaning and deconstruction of bulk chemical ships, arsenic contaminated vessels and ground remediation projects.
A complete range of services

Innospec Environmental has the global resources to offer a complete range of TEL remediation services.

Our full remediation package will start with a comprehensive risk assessment survey and the preparation of health and safety plans that focus on the specific needs of our customers’ business and manufacturing operations. Once the project is underway, we will ship specialist safety and decontamination equipment required directly to the site and biomedical checks will be carried out on all project team members. Customers can be assured that appropriate environmental control systems are also monitored from the outset.

Any wastes and residues recovered from the decontamination work are always processed using the most environmentally friendly option. This means shipping the waste back to our unique processing facility in the UK in full compliance with the Basel Convention and the Transfrontier Shipment of Waste regulations.

As well as our full remediation package, we can also provide customers with a complete service for the handling of organic lead compounds. This includes the declassification of ex-leaded gasoline tanks from leaded duty so that they can safely be used to store non-leaded materials. This can offer significant cost savings on routine maintenance activities because there is no need to apply the stringent precautions that are required for lead.

Dealing with other hazardous materials

Our experience in the TEL remediation market has helped us develop the necessary expertise and knowledge to deal safely with other highly hazardous materials.

Equipment contaminated with poisons, explosives, pyrophorics, corrosives or highly flammable substances as well as any combination of these materials, can be decontaminated, dismantled and destroyed as part of a complete turnkey solution.

Any wastes generated by our decommissioning and remediation activities are always disposed of in an environmentally responsible manner. Our aim is to provide an innovative and technical solution that is safe, environmentally sound, cost-effective and efficient.
Our services include the declassification of ex-leaded gasoline tanks from leaded duty so that they can safely be used to store non-leaded materials. This can offer significant cost savings when it comes to routine maintenance.