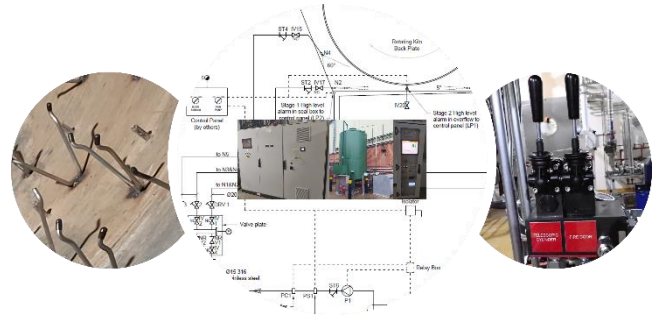


Client: The Pirbright Institute
 Sector: Life Sciences
 Project: SAPO 4 Incinerator Upgrade Project
 Project Value: £1.5M
 Date: Jul 2024 to Jan 2026



Our Client's Need

Due to aging equipment and an increased Biosafety risk, there was a need to carry out upgrade works on a SAPO 4 Incinerator. The project was made up of 5 work packages and The Pirbright Institute needed Grationeer Ltd to provide a Project Manager, Site Manager, CDM Client Representative and CDM Site Management to manage the delivery of the project.

Services provided



Benefits Delivered

- Grationeer Ltd's in depth knowledge of SAPO 4 buildings to enable the project delivery.
- Project delivered utilising Grationeer Ltd knowledge of working with Incinerators.
- Commissioning documented and witnessed in line with user and bio-safety requirements.
- All aspects of the project managed by Grationeer Ltd autonomously, allowing the client to focus on their day-to-day activities.
- Grationeer Ltd produced monthly PM reports and attended monthly Project Board meetings.

Works Completed

Grationeer Ltd started works on this project before any scoping or design work had been completed. The first activity was to tender all work packages. There was only 2 shutdowns available to carry out the works, so Grationeer Ltd planned the tenders to align to the shutdowns.

Due to the complexity of the project, Grationeer Ltd set up a Technical Working Group which remained the same throughout the project. This group developed the user requirement specification for each work package to allow Grationeer Ltd to complete the Invitation to Tender.

The facility has a shutdown every 6 months, so planning of the project tasks was crucial for the delivery. Grationeer Ltd reviewed all activities and developed a programme to schedule all preparation activities ahead of the shutdown to maximise the time available during the building shutdown.

Grationeer Ltd ensured that a CDM site was in place during each shutdown to deliver the works safely. The second CDM site was provided in full by Grationeer Ltd. This CDM site was limited to works outside of biocontainment areas and works within these areas were managed by the client. This ensured safe delivery of activities within biocontainment areas.

The work packages involved upgrade works to replace the Incinerator control panel, CEMS and diesel tank and upgrade of the catch box and hydraulic charging system.

HAZOP studies were facilitated by Grationeer Ltd who managed the actions throughout the project to ensure completion. During the project, Grationeer Ltd played a key role in the commissioning tasks and ensuring that all actions from these studies were signed off.

The replacement of the control panel had to continue outside of shutdown times which had an impact on normal operations for the building. Grationeer Ltd were able to assign additional resources to complete the works as soon as possible. They also communicated an update of the works on a daily basis to ensure all stakeholders remained informed and could plan accordingly.

On completion, Grationeer Ltd generated the handover documents in line with the site's Project Information File (PIF). This was followed by a presentation created and delivered by Grationeer Ltd to the site to formally handover the project.