

Client: The Pirbright Institute
 Sector: Life Sciences
 Project: SAPO 4 Incinerator Bin Lift Project
 Project Value: £75,720
 Date: Oct 2021 to Nov 2022



Our Client's Need

Due to aging equipment, there was a need to replace the bin lift for a SAPO 4 incinerator Charging box. The site had selected the supplier of the Bin Lift and they needed Grationeer Ltd to provide a Project Manager & Site Manager to manage the delivery of the project.

Services provided



Benefits Delivered

- Grationeer Ltd's in depth knowledge of SAPO 4 buildings to enable safe delivery of the project.
- 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 on behalf of the client.

Works Completed

Grationeer Ltd started this project after a supplier had been tendered for the works. We worked with the client to ensure that we understood all aspects of the project and took on the Project Management role from the client.

Once the user requirements had been agreed, Grationeer Ltd took a leading role to facilitate and obtain design sign off. The bin lift was built off site and delivered to site in sections to be built within the facility. The facility has a shutdown every 6 months, so planning of the project tasks was crucial for the delivery. This involved several departments to ensure everything was aligned and Grationeer Ltd was able to make good use of their experience of SAPO 4 facilities for this.

The Bin Lift was a large piece of equipment, and the only access point was a single biosafe door to the biocontainment areas. This influenced the design of the bin lift in terms of sizing and the method to fit all sections within the facility. Grationeer Ltd assisted the supplier with this design as they were good knowledge of the area. In addition, Grationeer Ltd produced CAD drawings of the area to assist the supplier's design.

Formal biosafety risk assessments were developed by Grationeer Ltd and they involved biosafety department to ensure there were no breaches of containment. The bin lift had to go through a fire exit within a bio contained room. The risk assessment put in place each step to allow this door to be opened, whilst ensuring there was no reverse air flow from the bio contained room. Grationeer Ltd coordinated all activities to enable this to take place.

A key aspect of the project was to build the sections within the SAPO 4 facility. The first barrier was that there was a limitation on the tools going into the facility due to disinfection requirements. The second barrier was there were limited access and lifting equipment available. Grationeer Ltd worked with the suppliers to develop methods of construction early in the project and ensured that the necessary tools, scaffolding and lifting equipment was available within the biocontainment area for the works.

Following installation and commissioning works, Grationeer Ltd arranged for familiarisation training to take place. 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 formally handover the project.

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