

Client: Veetee Food Ltd
 Sector: Food and Beverages
 Project: Rice Pouch Line Project
 Project Value: £10M
 Date: Jan 2018 to May 2018



Our Client's Need

The client won a project to produce microwave rice pouches for a major supermarket. The cost of the project was approx. £10 million and there was a tight deadline. Our client needed Grationeer Ltd to take on the Project Engineer role to coordinate the project and maintain responsibility for ensuring CDM management of the construction site.

Services provided



Benefits Delivered

- Grationeer Ltd acted as single point of contact for all Project activities
- Structured and accurate planning techniques used to deliver complex project
- Engineering and Technical input for operations and safety
- Good communication and people skill to work with varying nationality and cultures
- Project delivered within tight time scales

Works Completed

Due to the short timescale of the project, Grationeer Ltd dedicated the first month to the site in order to fully understand the project and integrate with the site team. In addition to this, it was also necessary to become familiar with the site's safety and foods standards and understand their processes.

Once up to speed, Grationeer Ltd took on the role to manage the multi-disciplinary teams of contractors from various companies. Local contracting teams were used to build the production lines and utility services, whilst contractors from Sweden, Germany, Japan and France were brought in to install specialist equipment. Grationeer Ltd's diverse people skills helped all teams work efficiently to the tight time scale.

Planning was a major part of this project as in order to commission individual equipment, the preceding equipment need to be working. To do this, a process flow diagram was produced by Grationeer Ltd and used to maintain the programme of works.

Working as Project Engineer, all technical questions were dealt with by Grationeer Ltd and agreed with the site Chief Engineer. The major items had already been specified and procured, but the layout of the production line and ancillary areas was yet to be developed. To maintain food standards, a positively pressurised hygienic area was required for food handled prior to be sealed in the pouch and Grationeer Ltd produced 2D layout drawing to obtain agreement of the layout and communicate this to all of the various contractors. Technical design work on rice transfer systems was also completed during the project, which included generating the user requirement specification (URS) and working with the suppliers to achieve this.

Safety was also a major role and Grationeer Ltd was trained in the site's permit system as an authorising person. Also, by working closely with the site health and safety manager, design reviews were carried out to ensure safe design and implementation. Furthermore, all requirements for CDM were met as Grationeer Ltd took a lead role to set up construction zones and provide safe access/working.

Commissioning plans and procedures were completed as part of this work and again this was led by Grationeer Ltd ensuring that international contractors were in place at the right time for the commissioning activities. With a tight timescale, the production line was producing food standards rice pouches within six months from procurement.