



Bar Line Production Area Improvements

Nutrition Group are manufacturer of vitamins, minerals, and supplements, supplying the VMS, Sports Nutrition, Animal and Beauty sectors. Having installed a new bar line, they encountered several challenges within the production area and required options to improve facilities.

The Challenge

Nutrition Group had installed a new bar line and had several challenges within the production area. These included:

- Washroom leak affecting areas of production
- Changeover and set up challenges
- Inconsistent hygiene results.

Protolan were asked to review these challenges and present choices detailing resolutions and improvements.

Delivering Success

Protolan developed several options for washroom improvements including the flow of personnel and product. We also investigated options to modify the building to stop water ingress into other areas and improve the process of washing equipment. Protolan delivered detailed drawings showing re-design for this area and options available.

The set up and changeover procedures were developed by spending time on the production line, observing how Nutrition Group were completing the tasks, reading supplier manuals, and applying their operational knowledge. To streamline and ensure effectiveness, Protolan developed a dynamic changeover matrix. This helped Nutrition Group identify the types of changeovers required enabling them to plan more effectively. The matrix was designed to easily add additional products as they were developed, guaranteeing the matrix was consistently up to date.

The hygiene procedures were written alongside the changeover improvements to ensure consistency. The materials and current processes were observed and written into the same format as the changeovers. Product and industry knowledge were used to analyse the results to make improvements to their processes. Protolan worked closely with the teams on site and used our experience within the food industry to develop procedures and a way forward that would deliver results for Nutrition Group.

Services utilised...

Project Management

Technical Knowledge

Process Analysis and Design

Operational Support

SOP Writing

“ Having worked alongside Protolan previously installing a liquids bottling line, we chose James and his team to assist because we knew we could rely on their knowledge and expertise to deliver the right result. The hygiene and changeover process improvement project was delivered professionally and on time. I would not hesitate to recommend Protolan and will definitely use them again in the future should the need occur.

Richard Greathead, Chief Executive - Nutrition Group PLC

We don't just know food - it's our passion.

