

PROJECT BRIEFING

FACILITY LAYOUT



FMI is a contract manufacturer for the household and personal care products industries. The company specializes in short-run production and offers new product development, compounding, filling and order fulfillment.

PROJECT OBJECTIVE

To select a site for a new facility and make it production-ready.

To develop a new facility layout that properly accounted for material flow and storage and production growth.

To create a plan to enable a smooth transition to the new facility and minimize production disruption.




PROJECT SUMMARY

ESPI assisted FMI in selection of a new site for their facility. FMI ultimately chose a warehouse that required renovation to meet their water, electricity, air, and sewage needs. ESPI identified a general contractor to make the changes and helped manage the construction process.

The project team developed the facility layout and organized three different manufacturing sections corresponding with FMI's main product areas - bulk fragrances, hand lotions/creams, and flammable products - and the associated materials storage for each. They also laid out a finished goods section including a pick and pack location to handle order fulfillment.

ESPI worked closely with FMI to develop the schedule for the move, determining when specific equipment would be relocated from one facility to the other. By carefully monitoring the move and adhering to the plan, FMI was able to maintain production throughout the move and had fully restarted key operations within 24 hours of the initial move.

RESULTS

-  Selected a more spacious, better located facility.
-  Developed a physical layout of facility and managed the facility renovation and transition.
-  Assisted in the move and achieved a 24 hour start-up at the new facility.

