



## Client

CROWN FLOUR MILLS (CFM)

## Location

Beirut, Lebanon

## Date

March 2015 - Ongoing

## Project Description

The current project is about implementation of ISO22000 for the Crown Flour Mills Premises. It is a joint project between BOECKER and ELARD. ELARD conducted a Design Gap Assessment for Crown Flour Mills in order to evaluate the engineering and architectural design for the facility in general and to detect the critical points related to engineering design and non-compliance of the input and output of products and plant layout design with the technical regulations and in turn suggest or recommend different preferable/ alternative solutions for the nonconformities within the facility. The current project suggested modifications, preferable solutions and recommendations based on structural design and process flow to increase capacity and improve safety aspect of the facility.

## Scope of Work

- On-Site Audit Visits
- Identifying Food safety and engineering non-conformities/ gaps within the facility.
- Classifying the non-conformities in to several groups.
- ELARD Team recommended several preferable solutions/ possible alternatives, starting from access systems management, elimination of unwanted stuff and use of food-graded materials, segregation/ separation of different areas within the facility (receiving, production/ milling, packaging and storing), continuous monitor for the flow of personnel and products, following and respecting the safety gowning protocols, installing air handler and wet weather operation systems and finally redesigning the plant layout based on Good Manufacturing Practices' requirements and technical legislations.