

Implementation of a Quality Management Approach in the Laboratory of Quality Control and the Repression of Fraud (CACQE) of the Wilaya of Bechar

Authors : Khadidja Mebarki, Naceur Boussouar, Nabila Ihaddadene, M. Akermi

Abstract : Food products are particularly sensitive, since they concern the health of the consumer, whether it's be from the health point of view or commercial, this kind of product must be subjected to rigorous controls, in order to prevent any fraud. Quality and safety are essential for food security, public health and economic development. The strengthening of food security is essential to increase food security which is considered reached when all individuals can at any time access safe and nutritious food they need to lead healthy and active lives. The objective of this project is to initiate a quality approach in the laboratories of the quality control and the repression of fraud. It will be directed towards the application of good laboratory practices, traceability, management of quality documents (quality, procedures and specification manual) and quality audits. And to prepare the ground for a possible accreditation by ISO 17025 standard of BECHAR laboratory's. The project will take place in four main stages: 1- Preparation of an audit grid; 2- Realization of a quality audit according to the method of 5 M completed by a section on quality documentation; 3- Drafting of an audit report and proposal for recommendations; 4- Implementation of corrective actions on the ground. This last step consisted in the formalization of the cleaning disinfection plan; work on good hygiene practices, establishment of a mapping of processes and flow charts of the different processes of the laboratory, classifying quality documents and formalizing the process of document management. During the period of the study within the laboratory, all facets of the work were almost appreciated, as we participated in the expertise performed in within it.

Keywords : quality, management, ISO 17025 accreditation, GLP

Conference Title : ICMCE 2015 : International Conference on Materials and Chemical Engineering

Conference Location : Jeddah, Saudi Arabia

Conference Dates : January 26-27, 2015