

ABSTRACT

In this investigation was designed a Quality Management Systems based on API SPECIFICATION Q1 ISO TS 29001 standard in CEMEX MÉXICO Valles Plant, for the processes of administration of quality in Cement production Class H, since the clients for this product therefore require it, because it grants credibility to the production processes.

A study within the Quality Management Systems existent in the organization, to investigate the requirements applied for this standard, and this determine that documents were had to adapt or to make and to fulfill the API SPECIFICATION Q1 ISO TS 29001 standard new requirements.

Also it was necessary to make a maps to determine the processes of the company related with the Quality Management Systems and lastly to created a proposal for the adoption of a general culture of quality in Planta Valles personnel.

With the design of the Quality Management Systems for the API SPECIFICATION Q1 ISO TS 29001 standard it was obtained: the improvement of the Quality Management Systems and greater controls in the administrative processes of the areas of manufacture of Cement Class H; to fulfill the requirements of contracts, thus to participate in the hiring activities in any licitation for this type product; and to create an antecedent in the design of Quality Management Systems for this standard, since studies don't exist in this topic.