Today’s engineering applications, the concept of total quality control engineering has emerged as a result of two difference. These are units of quality assurance and control engineering. Today, both engineering, completing each other, the companies were in place management organizations are indispensable. As defined in ISO 8402 and ISO 9000 standards, quality, security moves within the parameters of quality assurance. ANSI/ASQC Q94- American National Standard, quality management and quality system requirement are expressed clearly. Quality assurance systems, project management, control units, planning, engineering, design, purchasing, manufacturing, and includes project activities such as management units. Quality assurance is carried out in three stages project. I. Stage, company’s quality booklet (Quality Manual) includes the preparation. Here, clearly the responsibilities of the firm is expressed in units of the organization and management, the company sources, procedures and working methods applied is given. II. Stage, The company quality system procedures is to provide quality booklet. Procedures contained within the firm for each unit under separate titles and contents of a project list, prepared in accordance with the recommendations of ISO 9001 standard. Each group carries its own responsibility to follow procedures, quality assurance engineers work in coordination. III. Stage, their jobs due to companies in every business group did, according to the manufacturing and testing procedures, work instructions are to drill down to the business involves the provision. The control test records shall be prepared for each business activity. Signed by the employer and the contractor at the end of the activities are stored in the control records. Following up the quality, safety engineers and regularly responsible for the preparation of these stages. To ensure the safety and quality field studies to be effective with the field engineers and quality control activities to keep abreast of every phase. This follow-up studies are assessed by audit according to ISO10011. Depending on the audit program, the employer a working period of the works presented. The audits reported on the non-conformities (Non-Conformance report) and, if deemed necessary the firm II. and III. Reviewing procedures and instructions contained in Phase verification reports (Corrective action records)
prepared according to
the internal and external audits. This is all kinds of records and documents are kept on
site audits in
accordance with ISO 9001 standard are examined. Field activities, carried out in
accordance with
the procedures and quality assurance engineers are responsible for supervising the
quality control.
Tracking and storing documents on a regular basis the control task of the control
engineers. Quality
assurance engineers within the company, manufacturing and control engineering
groups, the
auditors position. In this study, the above-described construction in order stages of
production and
after a construction project on the basis of the International exemplified.