

SCIENTIFIC APPROACH TO QUALITY AND  
MANAGEMENT IN ENGINEERING ORGANIZATION

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Necessity of establishment management procedures, in conjunction with application of new technology in Engineering Organizations is discussed.

Quantity Assurance, Quality Control and Planning Procedures which are being adopted within the Organisations are detailed.

Methodology:

The verification methods which are also introduced are explained with a critical view of the attitude of Middle Management in facing the new system of verification and auditing.

After completion of various projects, the results are reviewed and analysed in order to evaluate the level of efficiency and extent of improvements in quality.

Few specific projects have been analysed in this paper to illustrate how the logical approach of Management based on International experience and codes of practice have successfully assisted the Organisations to achieve a remarkable improvement in efficiency and quality.

Observations:

The possibilities of moving into International Construction Industry is also exposed with the improvement of quality and efficiency coupled with proper planning. The evolution process of Industrial Development from stages of simple steel constructions to construct nuclear power components is also illustrated.

Conclusion:

In the conclusion, recommendations are given to middle scale Industrial Institutions engaged in production and manufacturing, in improving overall efficiency and quality.