

Obtain ISO Certification In Industry

Abdellah Ali Mohamed*, **Abdelsalam Abdelmagid ****

**P.G. Student, Department Of Chemical Engineering, Faculty Of Engineering, Alneelain University Kh, Sudan*

*** Professor, Department Of Chemical Engineering, Faculty Of Engineering, Alneelain University, Kh, Sudan*

ABSTRACT : The importance of obtaining ISO 9000 certification in it a way to achieve a comprehensive quality which is the language of the age, and the key to success and access to the consumer the heart, the researchers mentioned several benefits that can be achieved by obtaining ISO 9000 certification is the most important include:

1. Increase the competitiveness of the company by improving the company's image among consumers and help them to put their products in the global markets and adapt to the requirements of the World Trade Organization
2. Provide and develop an integrated set of documents that represent the toolkit procedures administrative and technical data and contribute to the performance of all operations better.
3. help raise the company's level of performance and efficiency required and the efficiency and reduce the interest rate of the production processes by reducing defects which contributes to the reduction of the goods and services offered price by the companies.
2. Improve the quality of the relationship with customers.
3. enable the company to do something self-review and self-assessment.
4. motivate the company's employees to work and raise the morale they have and encourage them to contribute to the internal periodic review of the system applied processes and thus reach the best level keeps the certificate granted to them, as well as reassured that they are working through a documented system away from the traditional social work.
7. Quality and development because of the stability of interesting quality continuous review and evaluation system.
8. Help the company achieve its goals of profitability due to the reduction of production costs and reduce the proportion of damaged, defect and increase sales.

In the case of the application of the ISO enterprise system, there are many features that positively reflected on the organization's performance level where significantly is the reduction of waste in the enterprise potential in terms of materials and staff time.

I. INTRODUCTION

Under the successive and rapid emergence of global markets and the increasing consumer demands for quality and increase the intensity of competition and economic variables , Modern concepts become a necessary trend in the development of many of the organizations activities, perhaps one of the most prominent of these of total quality management trends emerged .

The total quality management a modern concept deals with both the customer and the community and employees of the company and the quality system and process development and product. This requires the presence of an existing system and an effective quality control system and implemented a system for the performance and implementation of business , Before the ISO global and specifications in various fields some specifications for some purposes in developed and aimed at countries found to confirm and measure quality, such as military specifications in some major countries like United States military specifications, military specifications for NATO, and all these specifications they define requirements for quality systems for factories that deal with them as suppliers of industrial products enter the final in the military industry to those countries. After the evolution of the global concept of quality in light of increasing global interest in to quality, and then make sure that for all that quality is not an option, but the need for the success of any economic system in arious sectors Despite it covered by the ISO system of some ambiguities and difficulties, but it must arm itself with the institution, not only as a certificate facilitates the product skipping the international border

II. METHODS

The steps that must be followed when preparing to issue a certificate:

Education and training on the principles of quality *

Comprehensive review of all shapes and organizational measures are in place to improve *

Design and documentation systems and procedures *
Initial testing by internal audit *
Implementation *
Internal and external audit procedures and processes *
Steps to obtain the certificate :
The formation of a total quality *
Determine quality objectives *
Consultation on the objectives of total quality *
Determine the objectives of each department *
Preparation and distribution matrix to illustrate the quality policy *
Appoint a representative provides management reports *
Prepare a matrix explains what are the bricks that will be written in the Quality System *
Develop measures that make up the Quality System *
Compare these procedures with ISO periodically *
Writing additional procedures *
* The issuance of general procedures for all organizations that are related to documentation and audit quality control, training and other raining programs Internal Audit Contract*
Writing quality that achieves connectivity between the various actions guide *
Conduct administrative reviews *
Pass the initial evaluation audit *
Passing Executive audit carried out by the donor to testify *
To obtain the certificate *

III. EXPERIMENTAL RESULTS AND DISCUSSION

For the institution:

It found through research study of the impact of obtaining ISO certification in industry that winning the ISO institutions are well popular "for their products and services provided by comparison with companies that do not get this certificate has been reflected positively tracers increase sales ratio and hence high profitability and maintain a privileged position in the market and the ability to compete with international companies to break into good markets it was only regional or global.

For workers

For workers in the institutions Obtained ISO 9001 certification provides training opportunities for employees and continuous improvement and create a good business environment for innovation and the ability to produce new products.

For Customers:

Access to high-quality products meet the needs and requirements of customers.

IV. Conclusion

Increase sales of products of companies which got ISO certificate ratio

V. RECOMMENDATIONS

- * We recommend companies and service institutions and productivity that seeks to get the ISO certificate in order to continuous development.
- * We recommend the employer and the Union of Owners of factories job Quality Award of Excellence model are derived The European (European Foundation for Quality Management , EFQM)
- * The state should encourage institutions to improve quality through monitoring and inspections by body specifications and standards.
- * We recommend further research and studies in respect of quality system.

ACKNOWLEDGEMENTS

I especially thank Dr. Abdelsalam Abdelmagid supervisor of this paper .

REFERENCES

- [1]. Austin Gittel . Jody Hoffer , when in should not work but does , Anomalies of performance management , working paper , Harvard Business school , 1999, p p 18
- [2] Cuntis G business information systems 3rd ed, (New York addition welsey london publishing company 1998, pp 89
- [3] Omachonu,1991.
- [4] <http://www.iso.org/iso/home.html>on 11 October 2016, at 09:57.
- [5] <http://www.tc176.org> , on 11 October 2016, at 10:00.
- [6] <http://www.iso.org - tc176 - sc2on> 15October 2016, at 8:30.
- [7] <http://www.iso.org - tc176ISO9001AuditingPracticesGroupon> 22October 2016, at 12:57.
- [8] <http://www.iso.org.on> 25October 2016, at 12:15.