
BASICS OF BUILDING INTEGRATED MANAGEMENT SYSTEM

K. Gunasekaran

Assistant Professor – cum – Liaison Officer,
DDE, Annamalai University.

Abstract

The paper is discussing about the integrated management system which have various policies and procedures which makes the things more clear and valuable. The basic role which is used in the integrated management system is to use the quality factor as well as the health safety on which whole integrated management system relies. If an organization is built with IMS then their enhancement and effectiveness is on the upper level and it will minimize the cost and less loss is occurred by the external party. This paper demonstrates the several features like satisfaction of customer and increase productivity.

Keywords: management, quality, productivity

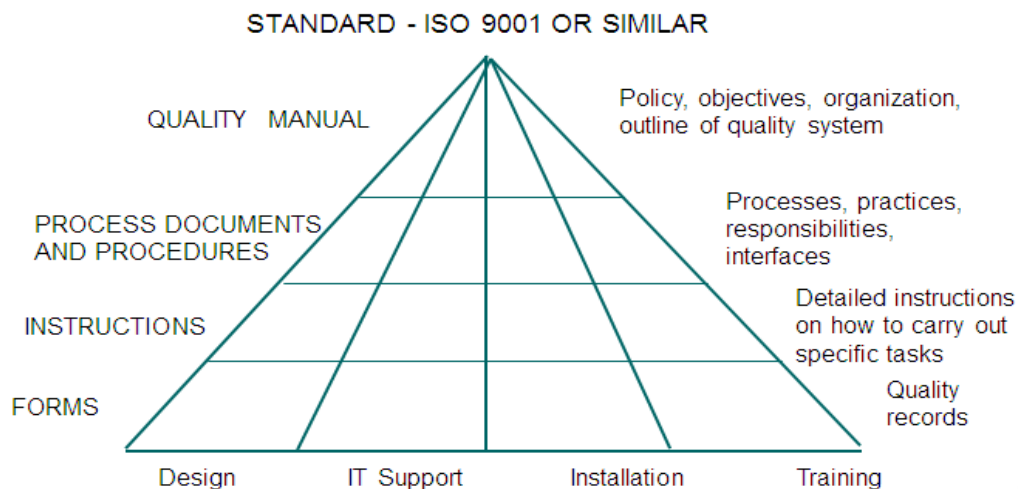
Introduction

It incorporates the majority of an association's frameworks and procedures into one complete system, empowering an association to fill in as a solitary unit with bound together targets. Associations frequently center around the board frameworks separately, regularly in storehouses and some of the time even in strife. A quality group is worried about the QMS, regularly an EHS administrator handles both Environmental and Health and Safety issues. The basic formula for developing IMS is

$$\text{IMS} = \text{QMS} + \text{EMS} + \text{SMS} + \text{ENMS} + \text{FSMS} + \text{ISMS} + \text{etc}$$

Actually the integrated management system is the combination of these series, explain all the terms one by one to make the concept more clear.

Typical QMS Structure



QMS:- The full form of QMS is quality management system in which quality has been checked at every stage. It is a kind of all policies, rules, procedures which is required for planning as well as implementation in different areas like production and development. The term quality management is very important as it covers the ISO standard. The following diagram shows the quality management system in which all the things are displayed which are related to quality services.



EMS:- The full form of EMS is environmental management system which assures about the environment conditions . It continuously observes the position and development of the organizations. The ISO 14001 act is involved which explains about the EMS.

SMS:- The full form of SMS is Safety management system which ensure about the health aspects. It continually focuses on the health issues and their safety purposes. This is the main aspect of the IMS. It follows the structure and other things of the business like with marketing and other functions. The ISO 45001 is include in it which describe about the occupational health and safety management system.

EnMS:- the full form of EnMS is energy management system which describe about the organization improvement. It regularly improves the energy usage and impact of the surroundings. The ISO 50001 is involved in this which is based on the Energy management system.

FSMS:- the full form of FSMS is Food safety management system which ensures about the food supply, their procedure and guidelines to ensure about the product for the customer satisfaction

level. Food supply is one of the great challenges in the IMS. The FSSC 22000, ISO 22000 and SQF are involved.

ISMS:- The full form of ISMS is information security management system which ensures about the security of the system that would create for the employees. This is the main issue while doing the job anywhere in the world that security is one of the reason for the up gradation of any organization in the world. If the person seems to be safe in a particular environment only then we can assume the organizations better.

There are several benefits of using the integrated management system

Enhanced Performance:-

Incorporated administration frameworks will positively affect explicit administration framework segments and results, for example, upgrades in quality, security, hazard, and efficiency.

Killing redundancies :-

One of the top advantages of executing different administration framework guidelines is having the option to adjust the principles to locate a typical or single administration framework parts. These may incorporate approaches, targets, procedures or assets. For instance, you might most likely have a solitary strategy for preparing, record control, the executives surveys, interior reviews or upgrades. When you actualize more than one standard at any given moment you can discover these likenesses which can spare your association a lot of time, and consequently cash

Responsibility :-

When you incorporate different administration frameworks at once and set up durable destinations, procedures, and assets, with the arrangement of the frameworks you will see improvement in responsibility.

Build up consistency:-

When you utilize an incorporated methodology, your association can make better consistency of the administration frameworks. When you make consistency, the framework will turn out to be less intricate and subsequently is simpler comprehended. Consistency will make an improved spotlight on accomplishing a typical arrangement of targets that are critical to the association.

Decreasing Bureaucracy :-

Decreasing administration originates from disposing of repetition. As a rule when various administration norms are executed and not coordinated, predicaments can emerge by the powerlessness to streamline choices on account of the layers of progressive system. At the point when the administration frameworks are coordinated, your association can adopt a precise strategy. The procedures can all the more likely suit changes. Whenever changes and choices are effectively made, this will diminish administration. For a successful methodology, building up procedure proprietors with a cross-practical group can be significantly advantageous. These groups assume on liability and responsibility in a viable way to deal with separating obstructions to basic leadership and organization. You may likewise need to consider a SHEQ Manager who can called upon to help and react to all ISO based issues.

Cost Reduction :-

Coordinated Management Systems enables your association to direct incorporated reviews and appraisals, just as upgrade procedures and assets. When you can incorporate these frameworks it can help diminish the time it takes to do certain exercises, wipe out the measure of time hindered and along these lines decrease costs.

Improve Processes and Resource :-

When survey standard necessities, don't think of them as an additional heap or errand to the association, rather recall that they are an approach to actualize desires from clients, invested individuals and the association, and make a smooth and viable procedure. Assets can be advanced in light of the fact that they become concentrated on procedure execution and including esteem instead of extra framework upkeep.

Diminishing upkeep :-

Support alludes to the continuous consistence checks and guaranteeing that you are maintaining the administration framework standard prerequisites. When you have an incorporated administration framework you can keep up the necessities simultaneously, streamlining the procedure and enabling the association to concentrate on upgrades instead of keeping up various frameworks when that is superfluous.

Incorporated Audits :-

When you begin with an incorporated administration framework, you would then be able to have coordinated reviews. There are numerous extraordinary advantages to having incorporated reviews on the off chance that you are keen on adapting more perused: Integrated Audits

Encouraging basic leadership :-

Wiping out excess and making consistency inside the association takes into account a progressively complete perspective on the useful needs and execution. This incorporated methodology additionally enables the association to dissect utilitarian and division boundaries and in this way improve correspondence and basic leadership.

Building Management system:- It is the form of computer system which is designed for the track and control of various other systems in the surroundings. These system includes:-

- Power- This incorporates use checking and stream control to different pieces of the structure.
 - Climate control - Heat, cooling, and air dissemination, are given to the different pieces of the structure.
 - Building passage/exit - Door observing and get to, interruption sensor checking, and alerts inside the different pieces of the structure are incorporated.
 - Water (siphons) - This adds up to getting the water to the different floors inside the structure.
 - Elevators - Control, reconnaissance, and access to the autos in the structure are incorporated.
 - Lights - This gives robotized initiation/deactivation and power protection of the numerous apparatuses in the structure.
-

BUILDING MANAGEMENT SYSTEM TO BE INTEGRATED?

What incorporated methods, as far as a structure the executive's framework, are that the structure's framework the board abilities were a piece of the structure's underlying plan. At the end of the day, they weren't included afterward. Take, for instance, an expansion to a house, similar to another room. This is something a great deal of families thinks about when their needs change with time. On the off chance that the room was coordinated, it would have been structured and manufactured when the remainder of the house was. It would exist when you moved in. As you may envision, this has various advantages, which we'll discuss in an ensuing segment.

Conclusion:- the integrated management system plays a vital role in the organization which makes the system more better in terms of quality and health safety issues also. It is a kind of complete framework which makes the things combine in a single unit to achieve all the benefits and assured about the success of an organization. All the well-defined planning and implementation is made in the integrated management system.

References

- [1] www.aenor.es
- [2] Noori, H; Radford, R. Administración de Operaciones y Producción: Calidad Total y respuesta sensible rápida. Editorial Mc Graw Hill, 2000.
- [3] International Organization for Standardization. NormaISO 9001:2015. <http://www.iso.org/iso/iso9001>.
- [4] International Organization for Standardization. NormaISO 14001:2015. <http://www.iso.org/iso/iso14001>.
- [5] Martí Casadesús F.; Marimon, I. ISO 14001 diffusion after the success of the ISO 9001 model. Journal of Cleaner Production 16-16 (2008)1741-1754.
- [6] MarimonF, Llach J, Bernardo M. Comparative analysis of diffusion of the ISO14001 standard by sector of activity. Journal of Cleaner Production 19-15 (2011)1734-1744.
- [7] Del Brio, JA; Fernández, E; Junquera, B; Vázquez, CJ. Adopción conjunta de ISO-14000- ISO-9000 prácticas de prevención de riesgos laborales en España industriales las empresas. Gestión de Calidad 12-6 (2001) 669-686.
- [8] Robles-García, M et al. Variables relacionadas con la satisfacción laboral: un estudio transversal a partir del modelo EFQM. Gaceta Sanitaria, 19-2 (2005) 127-134.
- [9] Garmendia S, Alfonso, et al. Evaluación de impacto ambiental. Editorial: Pearson Educación, 2005.
- [10] Ambiental, Taxus Gestión, et al. Cómo implantar un sistema de gestión ambiental según la norma ISO 14001: 2004. FC Editorial, 2007.
- [11] David Morrow, Dennis Rondinelli. Adopting Corporate Environmental Management Systems:: Motivations and Results of ISO 14001 and EMAS Certification. European Management Journal 20-2 (2002) 159-171.