Latest Quality Management Systems getting implemented in Indian Automobile Industries

[1]Mr. Mohit Chhikara, Assistant Professor, Raffles University, Neemrana
[2]Mr. Pradeep Dahiya, M.Tech Research Scholar, DCRUST Murthal

Abstract : Total quality management (TQM) is considered a very important factor for the long-term success of an organization. TQM implementation has been an important aspect for improving organizational efficiency. TQM have many features for improving productivity, efficiency and company's reputation. Along with this, there are many other methods also have been established like Kaizen, 5S, QFD, PDCA and Taguchi methods for quality management. Taguchi has envisaged a new method of conducting the design of experiments which are based on well defined guidelines. This method uses a special set of arrays called orthogonal arrays. These standard arrays stipulates the way of conducting the minimal number of experiments which could give the full information of all the factors that affect the performance parameters. With the implementation of the quality principles discussed in this paper, companies will produce profits for themselves and also satisfy the needs of consumers.

Key Words : Quality, TQM, ISO, 5S, QFD, Kaizen, PDCA, Poka Yoke, Taguchi Methods, Quality Circle

Introduction : A quality management system (QMS) is a formalized system that documents processes, procedures, and responsibilities for achieving quality policies and objectives. A QMS helps coordinate and direct an organization's activities to meet customer and regulatory requirements and improve its effectiveness and efficiency on a continuous basis. The history of quality can trace its roots back centuries when craftsmen began organizing into unions called guilds. When the Industrial Revolution came, early quality management systems were used as standards that controlled product and process outcomes.

Note : For Complete paper/article please contact us info@jrps.in

Please don't forget to mention reference number , volume number, issue number, name of the authors and title of the paper