

Describing Kaizen process on airplane industries

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Abstract— Kaizen process is Japanese originated process that calls for continuous improvements and reduction in waste with the help of broader process of consultation with all of the employees in the workplace. This research paper investigates the impact of the Kaizen process on the airline industry. Airline industry, due to its various sensitivities, is found very much obliged to this process. The application of Kaizen process in the airline industry would result in safer production and journey. Advantages, disadvantages are also included to have clear picture of the process. Methods used are described and conclusions are drawn along with comments in the end.



1 INTRODUCTION

Kaizen is the Japanese terminology that refers to American manufacturing terminology of 'Lean manufacturing.' Kaizen is one of many lean tools that are used to transform the manufacturing or any type of engineering process. Kaizen process believes in continuous improvements in the processes in manufacturing sector. This process is very much effective in those industries those cannot tolerate error in its operations. Among such industries, airplane industry tops the list. As one minute-error in the processes of this industry can lead to disaster. When it applies to the industry level then it means that all of the activities in the industry are improved continuously and in integrated way with the help of all employees irrespective of those designations. In Kaizen process, the all members of the industry from CEO to the assembly line workers take part in the process of improvement and reducing waste. (Singh & Singh, 2009)

2 Describing the method that were used

Kaizen is the slow but steady process of improvements. It starts when an employees in the production process faces a problem then he suggests some points to the concerned department or persons and brainstorm the problem. This brainstorming session leads to the intake from various members of the company having varying contextual backgrounds. (Karkoszka & Honorowicz, 2009)

In this process, all members of the company get involved. They intend to take part in the session so that better solution can emerge. This process is slow and calls for continuity to bring fruits. It urges the members in the process to take some of their time out to think beyond the daily routines and think in longer perspective. (Karkoszka & Honorowicz, 2009)

In the method of Kaizen Processing, the workers are given flexible and less tiring space on the work place. To get him motivated they are free to give their feedback and take some steps by them. They are encouraged to be active and cooperative. They are assisted by

the Kaizen support group that furnishes their ideas on the issues of processing. Second way may be installing any equipment on the workplace. The change in equipment, machinery, and layout is also carried out in the result of broad consultation. (Karkoszka & Honorowicz, 2009)

3 This Advantage and disadvantage of using this method

Kaizen process is, in fact a broad philosophical tool that is focused on increasing efficiency in perspective of the workforce. This method or process views that improvement in efficiency and reduction in wastes can be made better with the help of the employees in airline industry.

It yields numbers of advantages in airline industry. First is that airline industry is very sensitive industry, it cannot risk mistakes. In the result, the Kaizen process helps to build teamwork at the work place. When the processes of the airline industry are consulted in broader way then the chance of mistakes are reduced. Second benefit is the result of the first one that is it brings increase in efficiency. Motivated employees, who know that their suggestions are valued across the work place, work hard. Even if he has some of the problems then he can consult those problems with oth-

er member in the industry. These two benefits cause employee satisfaction and motivation. The most important benefit of the Kaizen process related to the airline industry is that it hands over the control of the equipments to the worker. The worker is very much liberated in using the tools, procedures, and material. It greatly reduces the chance of an error during the production as well as in other processes of the airline industry. (Wagner, 2012)

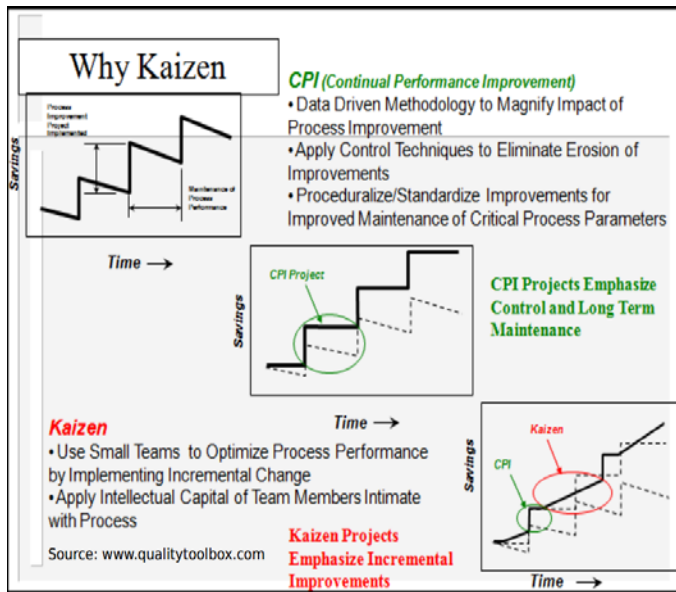
Among the disadvantages of the Kaizen, process in the Airline industry is that it deals with very minute problem by using process. The idea behind the Kaizen process is that every employee is consulted in the processes. Therefore, to add every employee's intake the breakdown in the communication process is essential. That can lead to extra work and time needed.

The problems that are raised by the workers might be unimportant. The worker can be concerned over the screw problem. Alternatively, he may be curious on the well-established rule of procedure. He should be directed to learn more and more and raise questions on contingencies, though little they are. (Pathak, 2009)

4 Provide a small Example with graph

Following is small graphical presentation of Kaizen process that helps in incremental improvements in

contrast to the CPI. In so doing, it saves time.



5 Conclusion and comment

Kaizen is simple process to bring in various benefits to the workplace. It motivates the employees by their active engagements in the Airline industry. The industries like Airline must benefit themselves from these simple by deep affected processes. Kaizen process is philosophical tool that aims to integrate the employees with the process being run on the workplace.

One of the most important advantages it can deliver to the Airline industry is that it brings safety to the procedures of it. Airline industry has been very sensitive in this context, injuries and casualties are common. In this perspective, Kaizen is good solution.

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