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A Retrospective Study of Product Quality

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ABSTRACT

Quality is a product to the customer after the test and use of the performance of the product in the index. If there is no problem, it is considered to be a product with good performance; if there is a problem, it becomes a product with poor performance. When a certain number of products have no quality problem after the experiment and operation, it is a good product. However, the evaluation of the use of the assembly after a certain period of time after the final customer should also be discussed. Only in this way can the product quality be improved fundamentally. A/S is a significant process when the retrospective production is done for its quality to be investigated. Retrospection becomes a new way to study and innovate manufacturer quality currently in business. In modern society the retrospect as A/S is more and more prevail at shopping mall in big city for customer convenient application. In terms of their rapid and good mending the excellent brand will be established for product quality year-by-year.

1. Introduction

In modern factories when a product is in use, problems can be traced back to the production equipment. This requires us to know the state of the product when it is used, and to carry out simulation and experiment to get the condition of the equipment at the problem point. This is an inevitable outcome of the use of big data management and cloud services in modern factories. In this way, the requirements for the product are higher and the understanding of the equipment is higher. This not only improves the customer's quality requirements, but also can be traced back to the use of the product equipment makes the product quality greatly improved, to obtain a win-win goal. ^[1] that is, the price keeps the trend of no decline and no rise, ^[2-4] the customer also increases the confidence of the product due to the factory's better understanding. In the

long run, this will keep the company thriving. As a result of good performance so in the price unchanged under the condition of a steady increase in orders. So that the brand can be established, to achieve the effect of poplar. So high quality products are the foundation of modern enterprise brand. Only continuously updated manufacturing can set up a bigger brand sail, maintain evergreen trees. And brand and stimulate quality, because bag companies are not sustainable. Only step by step to improve the quality of the enterprise is the fundamental, the source of enterprise life. A/S with establishing brand plays more and more role at department store for customer convenience. The retrospection will be done by enterprise for them to innovate product quality year by year. Recently AI (Artificial Intelligent) productions are gradually prevail in many respects for instance household appliance industry and cell phone etc. That recycle is born to handle the old

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appliance becomes a new scenery. This belongs to A/S as well instead of mending too many times and becoming old.

2. Discussion

Quality is the traceability of the products in the production equipment in the factory. If any quality problems can be traced back to the equipment, this ensures that the production process is serious and responsible.

Make a comparison between the market and the factory to see if there is any difference in quality. This will allow you to see what further improvements need to be considered as a result of the use of the product. Therefore, factory production should take a long-term view to serve the application customers. If there is a serious problem with the product in the market, it will be traced back to the factory. Customers may be compromised by ill-considered or simply unclear circumstances.

Company training can be done by in-house engineers, which can save money. And they are more familiar with the product and equipment process, they are better trained. Some of the high-level training is still carried out by the specialized talents in the research institutes and universities. There will be professional improvement of the technical level of personnel and equipment, and even improvement of equipment to a certain extent. Therefore, it is mainly the training within the company, and the important thing is the training of the external personnel of the company for the internal professionals, including the training of external personnel and external training. In this way, it not only ensures that the product line in the club will not be interrupted and the general education of professional knowledge, but also ensures the professional training of engineers, improves their professionalism and purpose, and makes continuous efforts to constantly update the technical level of the product line in order to improve the quality and efficiency of the product line. There are certain restrictions on the time and level of engineers in the society, because most of them are young people who have just graduated, which limits their strength. Therefore, it is of certain significance to hire high-level professionals to train technicians in the institute. According to the actual situation of the company's product line, the corresponding technical content can be developed for communication, so as to find some breakthroughs or inspirations on technical problems. Then according to the content of the lecture to sort out the relevant information to gradually improve the company's technology and engineering level. Social training may also continue to improve the standard of workers, which needs to be developed by the training department. It can be used to train teachers or select economic and

engineering technicians to improve the professional level of the company. The training of workers and engineers should be carried out separately, by different people to avoid duplication and level differences. It is mainly the training of engineers, because they are the hope and main force of the company, so it is necessary to carefully design subjects and content by a certain level of senior engineers as guidance, in order to make the company's technical ability to continue to improve or not to face the situation of fault. In the standardized management of nuclear power quality system, the test operation is conducted by the personnel with quality technical qualification level 1 and level 2, but it cannot be conducted without the authorization of the personnel of level 1. Therefore, the training teachers of the company should also divide the personnel with qualification certificate or degree certificate into 1, 2 levels for training, and give priority to the first level to teach, and then the second level to ensure the efficiency of the staff. Level 1 staff are older and have more experience and professional knowledge, while level 2 staff are young and enthusiastic. Although their professional ability is limited, they have strong innovation ability. Some universities and research institutes have professionals with rich theoretical knowledge, whose knowledge is indispensable. Some advanced theories are put forward or even quoted by them. If applied to the company's product chain, what advantages will be formed need our engineers to study well. The practice under the guidance of the theory or the theory under the practice is good, as the name implies is of course the former, so enterprises need to actively seek the opinions of professors and researchers for problems. If product line form the theoretical system of things can form controllable, can be scientifically, predictable control scale. This remains to be observed and evaluated further. So that we can predict how many machine, how many products and how many people work for a few hours to reach the best point to maximize the company benefits, no less maximize the company's interests. And daily assessment to calculate the appropriate amount and make a good plan in advance and then timely modification to reach it, deficiencies to improve gradually. The gap between the actual benefits and the theory is studied and the error is minimized. It can also accurately value the stock market as appropriate financing for enterprises. When enterprise benefit not quickly return to the enterprise will be facing low-income status, so the enterprise need to continue to invest has earn fees pay workers salary and liabilities, this needs it as much as possible the multiple investments like stocks, logistics and real estate investment to return to it. The enterprise needs to set up an investment department to determine which aspects can be invested and how much

to invest, to maximize the short-term and long-term benefits, so it needs to hire investment personnel and experts to take the positions of the enterprise investment department. They invest and manage the right amount of money to maximise returns and, with luck, act on their own. Engineers can be logistics personnel, can know the speed of the equipment will cause how much economic benefits, this is the force of goods, we spare no effort to achieve maximum returns. The quantity and speed of logistics is the lifeblood of money, need to strengthen management, even transport companies. The transportation company employs a driver as the responsible person to deliver the goods to the other party's warehouse within the specified time. Sometimes due to a variety of problems caused by delay or not early to cause problems need to attract the attention of the transport company leadership. Because traffic accident brings loss to be able to assume a part of responsibility by insurance company, the rest assumes by oneself and company, need to avoid as far as possible. Late is late human life, need to understand. Of course, the factory is less safety problems, need to conduct staff safety training, so that workers and quality personnel to minimize the safety responsibility, such as some irresponsible behavior caused by the loss of the company needs to work hard to solve.

Without the quality of the use it is difficult to ensure the full use of the product. Certain defective products will cause a bad reputation of the company. You lose faith in the product. The company also suffers losses, such as reduced orders and stoppage. Poor performance of the product to be strictly controlled, so we have to trace the status of the product after sale. Engineering designers need to make the product has enough performance, in order to guarantee the early quality problems A/S(after sales service). Now there are many repair shops to the same city and district to ensure the use of consumer household appliances, if the user's goods appear quality problems by their repair, in order to ensure the normal use of consumer goods. Now the quality of branded goods can be improved and maintained by the same company, ensuring that goods can be repaired quickly and accurately. Brand effect is realized, the user gets quick action and feels satisfied. If the goods have quality problems and there is no maintenance point in the same city, they can also be mailed to the nearest big city for repair to facilitate maintenance. So A/S is the key to the business department of the manufacturer, the number of customer complaints is the purpose, once found that the immediate handling of complaints is the

key to maintain the reputation of the company. Quality becomes the key, especially after sale quality. The factory of the company should be seen from a distance. Only when the product is designed and manufactured from the final consumption can the quality be guaranteed and the brand can be promoted, and the reputation of more people can be gained. Finally, the brand image can be established and the company can strive for profit maximization. Even if the company meets difficulty in financial respect the brand and A/S will wield their roles due to the excellent A/S sew. Because the quality is increased through after sales service the company will survive in critical period even if financial crises.

3. Conclusions

(1) The quality can be traced back to the production equipment in the company. The factory has to monitor the production equipment and print the product log No. In this way, according to log No., the problem points of the equipment are known and improved.

(2) Tracking final customers of finished products will improve the performance of products and equipment. Can spot check a certain number of structural parts, and study to find improvement points can increase the personnel's understanding of equipment requirements.

(3) Quality is closely related to use. Without the quality of the use is difficult to guarantee the overall performance of the product. The quality is subject to the brand brand sent to the brand can stimulate the improvement of quality. After sales service(A/S) is a sublimation of the production. In crises company will conquer the difficulty through its A/S done in cities of all over the world. For the sake of the profit maximization it is significant almost that the quality is done excellently in manufacturer that is necessary. The company proceeds its benefit by building its brand at the same time.

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