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Role and function in the production of a plate handle that connects fixing mirrors for car windshields.

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Annotation: a plate handle that connects fixed mirrors for car windscreens plays an important role in ensuring the safety and comfort of vehicles. This handle, by tying the mirrors firmly, increases their performance and protects against shocks when in motion. Fixed mirrors allow safe movement by expanding the driver's field of view. The material and design of the plate handle helps to ensure the long-term operation of the mirrors, as well as increase resistance to the influence of the internal and external environment. Thus, this handle has a positive effect on the overall appearance of the car, not only functionally, but also aesthetically.
Keywords: car mirror, fastening, plate handle, safety, Power, vehicles

Introduction.

Avtooyna LLC, which began its activities in March 2004, has been developing quality car windows for more than a decade. The main buyer of the products of the enterprise is the enterprise “GM Uzbekistan” JSC and its branch in the Khorezm region, where such enterprises as Damas, Matiz, Nexia, Spark, Gentra, Cobalt are supplied with a set of car windows. In addition, the enterprise also produces auto-machines for cars produced by enterprises of SamAvto and ManAvto LLC. The main raw material for the production of car windows here is polished glass from the Companies of the Russian Federation “Saratovstroysteklo” and “Salavatssteklo”. The enterprise has an accredited testing laboratory and was awarded the international quality certificate ICO / s 16949: 2009 in 2012. Modern equipment installed in spacious and bright workshops, highly qualified specialists who have returned from training in Italy, Switzerland and Finland, have the opportunity to produce a product that can compete with a product made abroad. Speaking of numbers, in the past 2015, 16 thousand car windows were supplied by Avtooyna LLC in Fergana, 38 thousand for the Nexia car, 19 thousand for the Lacetti car, and more than 25 thousand for the Spark car. The enterprise also supplies more than 26,000 glass units for the Damas car to the Khorezmavto production facility today. In addition, Avtooyna LLC also provides secondary markets in our country with quality car windows. Of course, it is important that special attention is paid to the quality of the products being produced. It should also be noted that at the Enterprise" Avtooyna "LLC, it was envisaged to master the production of safe windows for the Chevrolet Aveo car, and in July last year, window samples intended for the new car model were initially tested at the GM Korea manufacturing enterprise. With strong cooperation with several foreign companies, such as Finnish Pilkington, Glassrobots, Italian CUGHER, KERAGLASS, we are exchanging mutual experience in introducing modern advanced technologies into the production process. Since the enterprise does not stop at the results achieved on the path of development, but constantly, it is well established to improve the professional skills of employees and regularly encourage them, today every employee working here has a strong love for his work.

The main part.

The radical reorganization of the economic management system is one of the most important areas of the reform program implemented in Uzbekistan. Its position in the market economy is a problem at the level of a fundamentally changing enterprise. Today, the main trends in the development of management are: humanization of management; the desire to create an integrated management system, taking into account its complexity and nonconformity

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as an integrated approach to managing an organization, the interactions that occur in it; Rapid development of international quality standards aimed at creating an integrated management system [1,2,3].

With the penetration of national markets into a single global trading platform during the era of globalization, enterprises are openly faced with conditions of fierce competition. This struggle encourages competing parties to seek new and new ways to ensure and improve the competitiveness of products and services. Currently, the most effective way to improve corporate governance is to introduce integrated management systems. IBT is part of a corporative management system that meets the requirements of two or more international standards and entire functions. These standards include: ISO 9000 Quality Management System Standards; ISO 14000 Environmental Management System Standards; OHSAS (Occupational Health and Safety Assessment Series) 18000 standards for Occupational Health and safety management system; SA (Social Accountability) standard 8000 for social and ethical management systems; Management systems standards based on the principles of HACCP (Hazard Analysis and Critical Control Points - risk analysis and critical control points) and GMP (Good Manufacturing Practice - Good Manufacturing Practice); standards for systems based on FSC principles (Forest Stewardship Council - Agricultural Management Board); standards developed based on ISO 9000 for applications in specific areas, etc.

IBT is part of a corporate management system because it does not yet affect financial management, risk management, securities management, etc.

The identification of the concepts of" integrated management system "and" general management system " can be discussed only after the development of standards for all areas covered by the general management of the organization.

The QS-9000 standard "requirements for Quality Systems" defines three groups of requirements for quality systems: ISO 9000 requirements, industry requirements, and specific customer requirements.

The set of QS - 9000 documents represents a strict and at the same time consumer-friendly system-car collectors. This is designed for honest suppliers who are willing to track the consumer to achieve high quality with minimal costs. The QS-9000 system connects suppliers, consumer collectors, and the latest consumers to one chain [4,5,6].

Manufacturers in developed countries increasingly view ISO 9000 norms as a necessary but inadequate basis for modern and future quality systems. General quality management ideology Total Quality Management (TQM) is of great importance in the industry of developed countries (USA, Germany, UK, Japan, etc.

The ideology of quality management has created many internal systems. Product quality the unified system of Public Administration has had a huge impact on the further development of the quality management system. This system involves the dissemination of local and foreign experience in product quality management through scientific synthesis and development based on the synthesis of methodological and leadership materials. The main goal of the unified system of public management of product quality is the full use of scientific and technical, production and socio-economic opportunities to achieve a high level of improvement of the quality of all types of products in order to improve the efficiency of social production, fully meet the needs of the population, national economy, defense and export, and the following goal:

- development and production of new types of high-quality and economic products within the established deadlines corresponding to or exceeding the technical and economic characteristics of the achievements of World Science;
- regular improvement of product quality indicators and increase competitiveness in the foreign market;

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- timely modernization of outdated products;
- maintain and restore the quality level at the time of consumption or consumption of the finished product.

Integrated product quality management system low level of unified system of State Quality Management of enterprises. Standards serve as the basis for the functioning of the quality management system at the enterprise. They reflect a set of activities, methods and tools that ensure the agreed actions of Management in order to achieve the main goal of the system. This system has also been introduced in many enterprises, including downstream window manufacturing enterprises:

The introduction of IMS in window factories makes it possible to qualitatively improve the process of planning and controlling the activities of the enterprise by the upper and lower management; ensures the correct understanding of the performance indicators of the company to Western partners; this has a positive effect on the expansion of cooperation with foreign enterprises and organizations [7,8].

The organizational and legal basis of quality management systems is based on the law of the Russian Federation "on standardization" adopted in 1993 and three state quality standards:

1. Gost 40.9001-88 " Quality System. A model of quality assurance in design and development, (or) production and service ".

2. Gost 40.9002-88 " Quality System. Quality assurance model in production and assembly. "

3. Gost 40.9003-88 " Quality System. Model to provide final control and testing.

In the development of the law" on standardization", the experience and practice of local standardization, legislation of industrialized countries (Germany, USA, Japan, France, Great Britain, Italy, etc.), directive and other documents of the International Organization for Standardization (ISO) were applied.

The law defines the basic rules, principles, concepts, procedures for organizing work in the field of standardization, and they are the same and mandatory for all departments, economic entities, regardless of their departmental affiliation and forms of ownership. The law establishes the procedure for the development and application of normative documentation on standardization, which establishes acceptable requirements for the objects of standardization, measures for the protection of consumer interests, as well as the state by the state, monitoring compliance with the requirements of state standards, and the implementation of state control. The objects of standardization are products, work (manufacturing process) and services.

State standards of Russia approve regulatory documents on the establishment of Metrological rules and regulations and ensuring the uniformity of measures with mandatory force on the territory of Russia.

Scope of State metrology inspection and control:

- public health, veterinary medicine, Environmental Protection, Occupational Safety;
- mutual correspondence between trade organizations and the buyer and the seller-books;
- public accounting operations;
- ensuring the protection of the state;
- Geodetic and Hydrometeorological works;
- Banking, Tax, Customs and postal operations;
- production for state needs;
- product quality inspection and control in determining compliance with the mandatory requirements of state standards;
- mandatory certification of products and services;
- measurements on the instructions of the judicial authorities, the prosecutor's office, the arbitration court and the state authorities;

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- registration of national and international sports records.

At the Enterprise (Association) level, quality management is carried out on the basis of state industry standards, technical conditions and standards of enterprises and other regulatory and technical documents [9,10]. Regulatory and technical documents reflect the organizational, technical and technological aspects of the activities of the enterprise and the conditions for their implementation. For example, in the manufacture of automotive glass, quality control is carried out on the basis of the following standards:

- GOST R ISO 9000-2008 “Quality Management Systems. Basic Rules and vocabulary ";
- GOST R ISO 9001-2008 “Quality Management Systems. Requirements";
- GOST R ISO 9004-2008 “Quality Management Systems. Performance improvement recommendations";
- ISO / TS 16949: 2002 "Quality Management Systems. Car industry suppliers. Specific requirements for the application of ISO 9001: 2008”.;
- GOST R ISO 14001-2007 "environmental management systems".

Thus, a single system has been created that connects the requirements for product quality management that are generated at all stages of the product life cycle process [11,12].

Conclusion.

In conclusion, the role of the plastina handle in the production of car windshields at Avtooyna LLC is such that the plastina handle is installed after the exit from the vacuum canaver. It is glued to the specified place. After that, the worker is placed by the employee in a horizontal position on the pinevmatic press. Pin the pneumatic press to the windshield by pinching it with the bottom and top Cups. The windshield comes out of the vacuum converter 12 degrees hot. Therefore, the 3M structural connecting tape glued to the plate adheres well in a hot state.

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