

PRESENTATION

**«Quality management and its role to
building companies»**



- The quality of construction products is an aggregate of the properties of the finished construction of the object, its causes suitability to satisfy certain requirements.
- Quality Management - is to establish, support and maintain the required level of quality of construction products in its projects designs, manufactures and operation, carried out by the systematic control and deliberate action on the conditions and factors affecting the quality.
- The introduction of various quality management systems construction improves product quality, increases the production culture duction, focuses on artists achieve the ultimate goal whether production - output to the desired level of quality.



QUALITY MANAGEMENT - A KEY BUSINESS PROCESSES IN CONSTRUCTION

□ Risks related to the quality of violation, in the construction industry is perhaps the most high. If this happens, for example, in the automotive industry, the manufacturer is recalling faulty machines and expense of changing or replacing any unit.

Yes, the losses can be huge, but still it can survive. Another thing in the building: if it turns out that, for example, a pipeline laid on the sea bottom, cooked with violation of the technology, it threatens an environmental catastrophe for the whole region and the astronomical losses for the customer.



- A well-built quality management system allows construction companies to reduce costs and improve product quality.
- This is proved by the experience of many Western countries. Moreover, to support such a system by foreign companies have in terms of growth of technical and technological complexity of objects, scope of work, including specialized, the use of technical personnel, construction materials and equipment from different countries. With the similar challenges faced and the Ukrainian construction companies.



- A major role in ensuring the quality of construction products play a quality managers. Mandatory presence of a group of managers ensures the development of the program «Quality» and oversee its implementation.

- The responsibilities of the quality manager includes an extensive range of issues. These include:
 - Control of raw materials, building materials and construction;
 - Control over the frequency and results of building materials and components testing;
 - Development of proposals for changes in the design of components and production technology;
 - Assessment of the effectiveness of the quality assurance system and proposals for its improvement;
 - Analysis of complaints and proposals of the customer;
 - Development of programs to improve the quality of products.



THE QUALITY STANDARD ISO 9000 AND INDUSTRY-SPECIFIC BUILDING

- The standard ISO 9001, which serves as the basis for the construction of quality management systems in various spheres of activity, for the construction industry are not adapted, there is no single international standard. Some countries have established on this basis, national quality standards for the construction industry, among them Australia, Argentina and the United States. In addition to standards based on ISO 9000 in some countries there are other quality management system in the building - in this regard we can mention Norway, Great Britain and Japan.



ROLE OF THE STATE

- Building regulation by the state is necessary in the interests of public safety. However, if the procedures are too complicated and expensive construction begins without any permission whatsoever. According to some estimates, 60 - 80% of construction projects in the developing countries is carried out without permits. Regulation of construction is important for health and most of the construction industry and the economy as a whole. According to a recent study of the contribution of construction in GDP in the advanced economies averaged 6.5%. Good regulation helps to ensure safety standards to protect the public by making the process of obtaining a building permit effective, transparent and accessible.



THANK YOU FOR YOUR ATTENTION, THE
PRESENTATION IS OVER!

