

***PECULIARITIES OF APPLICATION OF DEVICES AND SYSTEMS FOR VISUAL INSPECTION AT INDUSTRIAL SITES.***

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Currently, visual inspection systems are widely used in various industries to control hard to reach places. It may be pipes, boilers, turbines, compressors and heat exchangers. The use of visual inspection to inspect inaccessible parts of machinery and equipment to avoid unnecessary operations, demolition and replacement of parts and components, identifying in advance those areas where it is needed. This saves time and money.

Conventionally, there are three main types of visual control devices used in industry: technical endoscopes, Inspection chamber, videokroulery. Each species has its own scope. When monitoring of industrial facilities is necessary to solve a wide range of problems and use various types of equipment. Modular system for visual control have a great set of features and allow you to create mobile and compact means of nondestructive testing.

In our laboratory, modular instruments developed visual control that differs from the small size, weight and greater functionality. Our devices are simple and universal. Videoscope kit created by printsypu "5 IN ONE!" The set includes a sliding rail, semi-rigid cable, flexible cable for the inspection of vertical shafts, and a floating videokroulerom video modules, control and communications pipelines filled with water. Provides for the application to connect videoadapteraov endoscopes and borescopes technical. Comprehensive features videoscope in combination with small dimensions ensure the effective application during the visual inspection of industrial facilities.