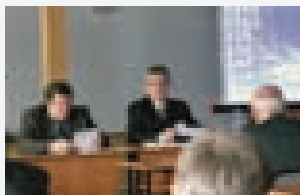


p. 6 **V. Makarov, I. Ter-Mateosyantz, NPAA.**
The report on activities of NPAA during the year 2008

The report on NPAA activities in 2008 was made on General meeting of Association which was hold on March, 19, 2009 in Omsk. We are publishing its printed version.



p. 12 **S. Dunaevskiy.**
The news of standardization

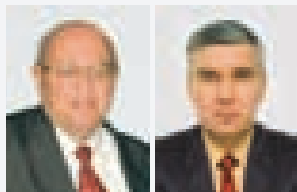
p. 10 **The presentation of the company «Pumori – Engineering Invest»**



The presentation of «Pumori – Engineering Invest» – the new member of NPAA.



p. 16 **U. Tarasiev, O. Tokmakov.**
The ways of valve safety ensuring

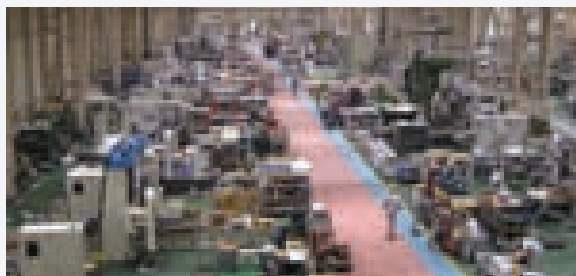


The valve's operation safety straightly connects with accuracy and completeness of normative technical requirements which are reflected in technical regulations, standards and other technical documents. The specialists from CKBA analyzed a current condition of normative technical basis of valve industry and came to the conclusion that a range of documents are contrary to present-day life. There are some discrepancies between new and old documents.

The named problems are written in the article in detail and there is a list of amendments which should be added to active normative documents. There are also pointed out the main directions of further development of normative technical basis of valve industry.

p. 24 **O. Afanasieva, A. Bakulina, I. Ter-Mateosyantz.**
Russian Valve Industry in 2008. Figures and facts. Analytical review

The presentation of valves and actuators market research which is annually held by NPAA. Earlier such reports were published free. Since this year NPAA distributes the results of its research on paying basis.



p. 26 **V. Revzin.**
The choice of the future. The comprehensive approach to the acquisition of new equipment

The article is devoted to the problem of choosing the new equipment. The Russian plants don't have enough experience to do it correctly. It is written in the article about the typical mistaken approaches to the acquiring of modern equipment and the main principles of correct choice are described.

p. 29 **V. Makarov.**
The principles of a technical reequipment

The article of NPAA President – V. Makarov has the basic character. There are described all aspects connected with the renewal of basic funds of Russian machine-building enterprises. The main advantage of technical reequipment the author considers not only in technological but more in organizational preferences. The new equipment changes the essence of business and improves the business culture.



p. 38 **S. Shilyaev. A realization of modernization program of the main production facilities of JSC Tulaelectroprivod**

The article is about the ways of production retrofit of JSC Tulaelectroprivod. It is written about new equipment acquired by the company and about received economic effect.



p. 40

**V. Paradeev.
The experience of application
of a modern equipment**

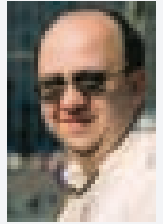
The company JSC «Armaturno-Flanceviy Zavod», which is situated in Omsk, shares experience of application of a modern equipment. It is written about a complex of problems with which each company confronted after buying new equipment and about the ways of their solution.



p. 42

**V. Bezmary.
Virtual boundary needs actual
defense!**

The second part of the article of V. Bezmary, which devoted to the problems of informational security, is about the human element which became more significant in the crisis period when a reduction of staff happens in many companies.



p. 46

**I. Bokhno.
The state of IT-investment now changes
rather noticeably**



In the article of Irina Bokhno is written how the heads of IT-departments of companies should behave during the crisis so not to stop the development of this sphere of business. The author appeals not to economize on IT-investment because it is the investment in the future.



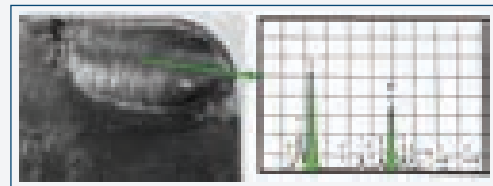
p. 56

**N. Renaudot, M. Mantel.
Overview of the metallurgical factors
governing the machinability of stainless
steels and the different ways to improve it.
UGITECH, Schmolz + Bickenbach group**

Machinability, i.e. the ability to be machined, is very difficult to define because of the numerous existing criteria. For a given set of cutting parameters (cutting speed, feed rate, depth of cut, lubricant, ...), tool wear, chip breakability or the power consumed by the lathe are some of these criteria.

It is a very empirically mature subject. For standard materials and conditions (thermo-mechanical history), the recommended cutting parameters can be found in readily available published tables, except for new stainless steel grades such as duplex and for "improved machinability" stainless steels such as UGIMA®.

Rather than simply producing data, this paper is focused on the metallurgical factors governing the machinability of standard stainless steels and the different ways to improve it in order to show the possibilities and limits of these grades.



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Companies' news



p. 89 Exhibitions