



# KUMZ TODAY

## MONTHLY NEWS BULLETIN FOR OUR CUSTOMERS AND PARTNERS



ISSUE 6, AUGUST 2008

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### QUALITY NEWS

#### Inspection audit

June 24 - 27, 2008 company SGS carried out inspection audit of quality management system of KUMZ for conformance to the requirements of SAE AS 9100.

Audit for nondestructive testing was lead under the coordinated program. As announced, all processes fully correspond to the requirements of the standard. During audit by SGS representatives observations and offers on the further improvement of quality system and consolidating of positive changes in technological processes were stated.

The next certification event is planned for March-April, 2009 and will confirm positioning of metal products of KUMZ in the international aerospace market.



### INNOVATION

#### The Reserch and Development Center. Tasks of growth

In the R&D center of KUMZ the production technology of tooling plates was made. Today the first orders for their delivery to a number of North American customers are carried out. The head of R&D center - director on technology Alexey S. Ershov gives his view on this and other tasks:

New technology is very important for KUMZ. First of all, opportunities for development of a new market niche in the USA where traditional suppliers of aluminium semifinished items feel the certain expansion from the Chinese manufacturers are created. KUMZ does not wish to lose positions and also aspires to strengthen them due to development of new market directions.

Secondly, work on tooling plates in concordance with innovative positioning of the enterprise. For R&D center it is especially important, because one of its priority directions is development of new technologies for manufacture of the demanded new products. Though tooling plates were meant mainly for the

electrotechnical industry and machine-building complex, products with excellent mechanical machinability, welding characteristics and high durability are potentially useful in other hi-tech spheres of application.

And thirdly, the new technology development emphasizes those advantages which the enterprise expects from the R&D center functioning. Its services and technological divisions in the basic manufacture are the original centers forming creative teams for the tackling different tasks of technical policy. In case of tool plates such functional and team style of work have played the affirmative role. During six months there was performed a huge volume of work which results in new perspective technology.

The R&D center functions at KUMZ during the three years. The effect of its work in combining of two spheres. Traditional sphere connected with improving of existing technological base and decreasing the cost of semifinished products, quality check under standards requirements. And innovative one is focused on development of new technologies and new demanded items. We are improving what we have, and we are working on prospect also. We reduce distances from idea to its introduction. It is good, when there is a center which is carrying out coordinator role in communications of the enterprise with scientific research institutes and customers. Here are some results of the last period. Rolling production was upgraded to produce high quality plates. In foundry production the technology of casting of ingots without surface scalping is put into operation. At forging shop the technology of forging from flat ingots (of some alloys) with non-milled surface is introduced.

In 2008-2009 KUMZ should pass qualifying process with participation of leading world aviabuilders. There are very high requirements to products quality and production stability. A number of serious tasks is planned and is carried out. Qualification by aviation primes not only underlines image of the enterprise, but also opens real

opportunities on the conclusion of perspective long-term contracts both in aviation and in other hi-tech spheres.

### EXHIBITION ACTIVITIES

The delegation of KUMZ including top management and specialists has taken part in the Farnborough International Air Show 2008, (UK).

Atmosphere of such air shows as Farnborough near London and Le Bourget near Paris promotes development of business cooperation with leading world aerospace companies. In the list of the problems solved by delegation within the limits of exhibition - contacts establishment, active promotion of marketable products.

Various kinds of die-forgings, rolled rings, extruded panels, samples of extruded and rolled products have been presented at KUMZ expositions. The stand of enterprise enjoyed enhanced attention of participants and exhibition visitors to which the full information about KUMZ potential and its market ambitions was offered. The exhibition has allowed to answer a wide spectrum of questions and to establish new business relations.

Visit us at Aluminium 2008 in Essen, Germany 23 - 25 September 2008. Welcome to our stand 3J30!

