

NDT in Azerbaijan

Ph.D. Sabir Mammadov, Presidnet Azerbaijan NDT Society (AZNDT)

I am pleased to inform that Azerbaijan is one on few countries which economy has tendency of continuous increase.

Since 1993 the country started quickstepping to new peaks due to oil and gas production intensification. During these years the GDP of country was steadily go beyond 20% per year and this is one of the highest indexes in the world. The grounding of nationhood and economical strength had been given by the national leader of Azerbaijan – Mr. Aliev Geidar Alievich and it successfully withstand the pressure of the world financial crises of last two years.

Modern Azerbaijan lead by worthy successor – president Ilkham Aliev in in the process of continuous state of exploration of stable market model, and the country is striving for assimilation of progressive technologies and development of new industrial branches headed by specialist with new mentality.

Non-destructive testing is as well one of those new branches; its development has been inspired by oil and gas production at Caspian Sea. Western oil companies together with Azerbaijan developing oil and gas fields imported state of art technologies alongside with high quality requirements towards welding and erecting works. In combination with creation of favorable conditions for serious business growth this was enough to give a good stimulus for Azerbaijan NDT industry development that made grand step forward.

Today it is possible uniquely to note that Azerbaijan is the leader in Caspian region in the field of scale and quality of practical application of NDT in the process of fabrication and operation of off-shore platforms and drilling rigs, sea terminals and main oil- and gas pipelines. The tendency to achieve the highest quality in oil and gas industry was transferred to other industrial branches as shipbuilding, railway transport and aviation.

Azerbaijan companies specializing in the field of NDT together with traditional approaches examination techniques also provide high-tech modern services, for instance: digital radiography, technique of phased arrays, special safe radiography, etc.

Today Azerbaijan service companies' weight and resources make it possible for number of them to work in other countries of the region. The services provided by inspection and

testing companies are widely used in Kazakhstan, Russia and Georgia. Between other achieved positive results one can mention successful work of Azerbaijan companies within Sakhalin-1 & Sakhalin-2 projects.

Azerbaijan NDT Society (AZNDT) uniting several tens of companies, organizations and institutions has been established relatively recently and is at the beginning of needle's eye but the goal is very noble. But its activity is based on already formed modern brunch of "testing" industry of the country and this helps to be confident in success of formulated objectives reaching.

The basic goal of Society is to be integrated in the international NDT community and we believe that the EFNDT and the Russian Society for NDT and Technical Diagnostics will support us.

We are opened for wide cooperation in all possible areas of practical implementation of NDT and always ready to exchange gained and accumulated experience to those who need it.