



## **Basic stages of the metal magnetic memory method development and introduction in Russia, Poland and other countries**

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### **Abstract.**

The report presents basic stages of the metal magnetic memory (MMM) method development in Russia, Poland and other countries during the period from 1990 till 2006. In particular, it is noted that at present Russian and International Standards on the MMM method are available. As of January 2007, the MMM method and the appropriate instruments are applied in 25 countries of the world. The “Energodiagnostika” Independent Body for Personnel Certification (Moscow) accomplished training in the MMM method of:

- 1100 specialists in Russia;
- 180 specialists from China;
- 46 specialists from Poland;
- more than 60 from other countries.

The Program for specialists training and the Training Handbook on the MMM method are agreed with Rostekhnadzor of Russia. And at present they are in the process of agreement with the European Organization TÜV.

More than 30 guiding Rostekhnadzor documents, which are widely used in power engineering, gas, oil-refining and other industries, are developed based on the MMM method. Physical bases of the method are developed and represented in the form of scientific proceedings.

Inspection instruments (Testers of Stress Concentration) are certificated in Gosstandard of Russia (certificates RU.C.34.003.A No.22257 and No.22258). Now the testers pass certification in Europe.