



Forum: Metrology – Trade Facilitator
Request for support



MONGOLIA

Core Problem:

Our country is in the process of restructuring its industry and economy.

This leads to an increasing demand for modern technology and equipment, e.g. in the fields of telecommunications, computerisation, information technologies, health care, food processing and industry.

Significance of the problem:

Metrology and standardisation should play an important role in solving problems related to this modernization. In our country, legal metrology predominantly needs help from foreign investors.

In our country, the Great Governmental Khural (GGK) enacted the "Law on providing a unity of measurements" in 1994 and in 2003 the "Law on changes and amendments to the law on ensuring uniformity of measurements".

Problems:

- I In connection with article 19.4 of the law on work equipment and natural resources, invoices of industry and services should be based on the results of reliable measuring instruments. However, there are not enough measuring instruments and therefore heat for flats, sanitary water, coal and other products of daily live are charged in lump sums.
- II In connection with the programme on the creation of a national system of measurement standards , which was enacted by the government, 10 national standards were set up. However, for the field of length measurement there is no standard. The very first standards established, those for time and frequency, do not correspond to the requirements in telecommunication, astronomy and military.
- III The working standards of the National Centre for Standardisation and Metrology and of its 21 branches in regional centres have been able to be renewed for almost 25 years.

Because of this, verification schemes don't work. For example, testing equipment and measuring instruments in medical analytical laboratories, and in the fields of construction and transport can't be verified because of missing working standards. This affects the quality of roads, objects and results of analyses and research as well as the medical service in a negative way.

During recent, years mechanical weighing machines in trade and customs were replaced by electronic ones. The state metrology service celebrated its 80th anniversary, but we cannot verify electronic weighing machines with capacities up to 100 t, as there are no mobile verification units. This results in unreliable measurements in export and import.
- IV Rising prices make it necessary to increase the accuracy of measurements for all goods. Therefore, we also have to increase the number of companies which deal with production, sale, assembly and repair of measuring instruments and measurement standards.
- V Old, imported and second-hand cars are not up to standards, because there are no working standards for diagnostics. For example, the metrological centres are not able to verify apparatus for the measurement of emissions, which results in excessive pollution of the atmosphere, especially in Ulaan Baatar, the Mongolian capital.

What is needed:

- 1 In connection with problem I and IV:
Advice and support for setting up companies which deal with import, sale, repair and maintenance of measuring and testing equipment.
- 2 In connection with problem II:
Support for the National Centre for Standardisation and Metrology to set up a national length standard and to renew the national standards for time and frequency.
- 3 In connection with problem III and V:
We are looking for support to supply the National Centre for Standardisation and Metrology with working standards.

Contributions:

In connection with Article 21.1 of the "Law on ensuring unity of measurements" and with the *programme for creating a national standards system* of Mongolia, the government will provide an appropriate sum of money to solve the above-mentioned problems and to develop legal metrology. Our government will support any effort of foreign investors in the field of metrology and those, who have wide experience and legal basis in this field.

Whom to address:

During and after the Forum:

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