

## Flow

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### Tasks:

- Maintenance and modernisation of reference standards of water volume flow and water flow rate;
- Maintenance and modernisation of reference standards of gas volume flow and gas flow rate;
- Dissemination of legal measure units from national measurement standards to measuring instruments;
- Maintenance and development the reference standards and ensuring that it is related to national standards of other counties by participation in international comparisons.

### Services:

#### Calibration:

- instruments for measuring gas volume flow and volume flow rate (gas meters and gas flow meters),
- bell provers,
- instruments for measuring water volume flow and volume flow rate (water meters and water flow meters),
- measuring systems for liquids other than water and control meters for propane-butane gas (LPG).

#### Expertises of:

- measuring stands for testing: gas meters, conversion devices for gas meters,
- measuring stands for testing: water meters; heat meters, calculators,
- sub-assemblies of water heat meters, temperature sensor pairs,
- sub-assemblies for water heat meters, flow sensors – sub-assemblies for

water heat meters; measuring systems for liquids other than water (including fuel dispensers); components of measuring systems for liquids other than water or complete installations,

- measurement stands for calibration of measurement tanks with liquid stored in these tanks.

**Conformity assessment:**

- volume conversion devices for gas meters, water meters, measuring systems for liquids other than water (including fuel dispensers), heat meters, calculators – sub-assemblies of water heat meters, temperature sensor pairs – sub-assemblies for water heat meters, Flow sensors – sub-assemblies for water heat meters.

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