

CERTIFICATION OF PRODUCTS

- **92/42/EEC**

Efficiency requirements for new hot-water boilers fired with liquid or gaseous fuels

- **97/23/EC**

Pressure equipment

- **2000/14/EC**

Noise emissions in the environment by equipment for use outdoors

- **2014/30/EU**

Electromagnetic compatibility (EMC)

- **2006/42/EC**

Machinery and amending Directive 95/16/EC

- **2014/35/EU**

Low Voltage Directive (LVD)

- **2009/48/EC**

Safety of toys

- **2014/29/EU**

Simple pressure vessels

- **2009/142/EC**

Appliances burning gaseous fuels

- **EU Regulation 305/2011**

Construction products



KEYMARK CERTIFICATION

TSU Piešťany is empowered Certification Body and accredited testing laboratory for **thermal solar products**. It is unique Certification Body for the Keymark in the Central Europe.

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*Testing and
Certification Services*

TSÚ Piešťany, š.p.
is EU Notified Body
with identification number 1299
with accredited testing laboratories

TESTING OF MEDICAL DEVICES

- balneological massage tubs
- dental equipment
- electrotherapy equipment
- vacuum press therapy equipment
- magneto therapy equipment
- ultrasound therapy equipment
- pulse light therapy equipment
- laser therapy equipment
- electric tables
- portable massage tables and chairs



HEAT ENGINEERING

Heaters burning solid propellant

- Room heaters burning solid fuels
- Household cookers burning solid fuels
- Heating boilers for solid fuels - hand and automatically stocked

Radiators and convectors

Gas appliances

- Boilers burning gaseous fuels
- Water heaters for gaseous fuels
- Dark and light infra-red heaters for gaseous fuels
- Heaters burning gaseous fuels
- Heaters for liquid hydrocarbon gas
- Household cookers burning gaseous fuels
- Portable appliances - touristic
- Gastro appliances burning gaseous fuels for mass catering

COOLING AND AIR-CONDITIONING DEVICES

- Refrigerators and freezers for household
- Cooling and refrigerating devices
- Air-conditioning devices
- Measuring of temperature in insulated transport boxes of **vehicles carrying pharmaceutical products** in the testing chamber at the temperature from +8 to +30°C.

PRODUCTS FOR AUTOMOTIVE AND ELECTROTECHNICAL INDUSTRY

- Testing the resistance of products against sinus vibrations, random vibrations and shock.

ATP

Agreement on the International Carriage of Perishable Foodstuffs and on the Special Equipment to be Used for such Carriage

ATP Testing Station in TSU Piestany is accredited by the Slovak National Accreditation Service according to the Directive STN EN ISO/IEC 17025. Accreditation certificate proves the competence of the testing station to carry out tests of **isothermal transport equipment** in fixed spaces.

PACKAGINGS

Testing of packagings for **transport of dangerous goods** and coding with **un-code**. Periodical check-out of IBC vessels and containers.

TOYS

Testing of mechanical, physical and chemical characteristics of toys, marking of toys.

BABY STROLLERS

Mechanical tests of strollers and their components according to technical standard EN 1888.

BICYCLES

Testing of trekking and city bikes, bikes for children, mountain and cross bikes. Mechanical, static, shock and dynamic tests of bicycles and their components according to technical standards.

NOISE EMISSIONS AND IMMISSIONS

Estimation of noise emissions and immissions of machines and devices in special sound chambers and in operation.

ELECTRIC EQUIPMENT

Tests of household appliances, electric equipment of machines, IT devices, consumer electronics products, transformers up to 10 kVA, portable electric tools, laboratory devices and equipment, electric toys and many others. Tests according to Directive 2014/35/EU - Low Voltage Directive (LVD).

ELECTROMAGNETIC COMPATIBILITY

Testing of electric and electrical products in anechoic test chamber:

- *emissions and susceptibility of EMC*
- *tests according to harmonized standards and at customer's request*
- *conformity assessment of EU Notified Body 1299*

MACHINERY EQUIPMENT

Testing of mechanical safety and ergonomics, electric safety, EMC (Directive 2014/30/EU) and LVD (Directive 2014/35/EU).

ANOTHER TESTING SERVICES

- *gully tops and manhole tops*
- *fire extinguishers and components*
- *machinery equipment*
- *water pumps and waste water lifting plants*
- *power take-off (PTO) drive shafts*
- *piece-good storage units*
- *gear boxes*
- *material tests of machinery products:*
(salt spray test, xenotest, temperature cycles test, environmental testing, tensile impact test at ambient temperature)