

We are an accredited testing laboratory with focus on testing the performance parameters of radiators, convectors and small air-conditioning units.

Our Radiator Test Station has been included amongst the prestigious accredited test laboratories approved by DIN CERTCO.

We hold the relevant accreditations, we have links to HLK Stuttgart reference laboratory and we are included in the list of the notified bodies that underwent the RRT covered by SG03-WG1 work group.

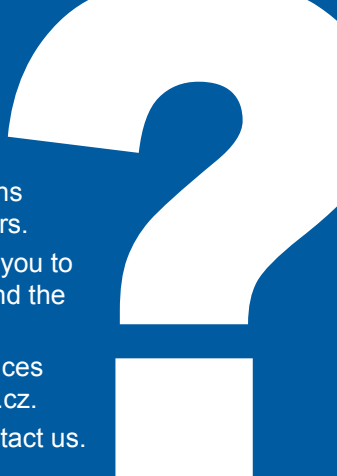


You probably would like to ask some questions about the legislation generally, as well as about the regulations concerning the field of radiators.

If so, our experts are here for you to give you all answers and to find the best possible solution for you.

All information about our services can be found on www.szutest.cz.

Please, do not hesitate to contact us.



What does the certification of the product involve?

For how long is the Certificate valid?

What is the conformity assessment?

What tests should be conducted on the product prior to its marketing?

What is the CE-marking of the product?

How can I recognize a certified product?

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RADIATORS

TEST STATION

Notified Body 1015

SERVICES:

- Calculation of thermal output and cooling capacity of individual temperature gradients
- Calculation of the normative characteristic equation and the characteristic equation of type series + recalculation of heat outputs (values for catalogues)
- Pressure tests (pressure tightness, pressure resistance)
- Dimensional checks
- Assessment and verification of radiator properties (AVCP) by System 3 according to CPR
- Reports and certificates of measured samples

OTHER SERVICES:

- The pressure loss tests – on water/air
- Records of thermal imager
- Measurements of electrical safety (LVD) and electromagnetic compatibility (EMC)
- Determination of sound power levels
- Consultancy in area of legislation and standards

At present, we are able to perform accredited tests of the most types of radiators with thermal outputs from 200 to 3 500 W, such as: classic radiators, floor convectors, fan assisted radiators, ceiling mounted radiant panels, wall convectors, and chilled beams.

TEST CHAMBER ACCORDING TO EN 442

This standard applies to measurements of thermal output of the radiators with natural forced convection of air, which are arranged on / above the floor.

- Panel radiators, column radiators and towel radiators
- Other radiators without fans

TEST CHAMBER ACCORDING TO EN 16430, EN 14037, EN 14518, EN 15116

This standard applies to measurements of thermal output and cooling capacity of the radiators with forced convection, installed in floors, or above. It also applies to floor convectors with natural convection.

- Radiators with fans
- Convectors with or without fans
- Radiators with ventilation
- Ceiling mounted radiant panels
- Chilled beams
- Induction units

TEST CHAMBERS

Our testing laboratory uses two fully automated test rooms, thanks to which we are able to react very easily and promptly to our customers' requirements. The test rooms are among the most modern ones in Europe and their construction and measuring technologies meet the stringent requirements for accredited test rooms.

