

Dear Sir/Madam

We would like to offer you cooperation in the area of testing and certification of radiators. Kindly allow me to present to you the services our Institute provides within the scope of testing and certification of radiators.

First of all, I would like to mention that for the purposes of testing the radiators, 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. 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. We therefore meet all the requirements of the following articles of the standards: EN 442-2:2014 Annex J, EN 442-2:2014 Annex I.



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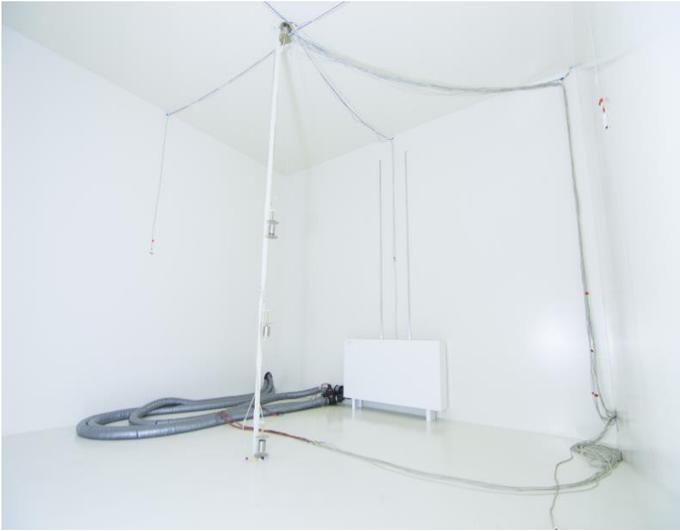
#### Competences:



At present, we are able to perform accredited tests of the most types of radiators, such as: **classic radiators, floor convectors, fan assisted radiators, ceiling mounted radiant panels, wall convectors, and chilled beams.** The test room technologies are designed for measurement of radiators according to the following standards: **EN 442, EN 16430, EN 14518, EN 15116, and EN 14037.**

## Test rooms:

Test chamber according to EN 442

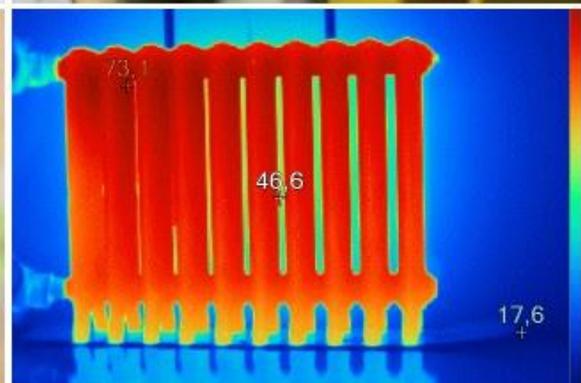
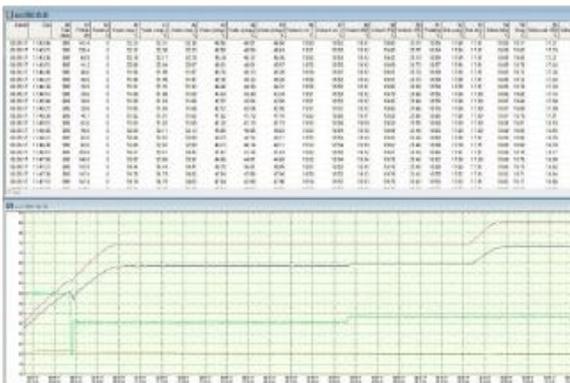


Test chamber according to EN 16430, EN 14037, EN 14518, EN 15116



The portfolio of our services also includes various ancillary services, with the aim of providing our customers with a comprehensive package that contains everything that is necessary for placing a product on the European market:

- calculation of thermal and cooling outputs of individual temperature gradients
- calculation of the normative characteristic equation and the characteristic equation of type series
- recalculation of heat outputs (values for catalogues)
- dimensional checks of tested products
- pressure tests (pressure tightness, pressure resistance)
- tests of product durability (corrosion resistance, resistance to mechanical damage by minor impacts)
- tests of pressure drop in water / air
- thermal camera record
- measurement of electrical safety (LVD) and electromagnetic compatibility (EMC)
- determination of sound power levels



In addition to product testing, we specialize in assessing the performance of construction products. We are able to do so due to the fact that we also operate as a Notified Body 1015. We assess conformity to 13 EU directives, including Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products.

By cooperating with SZU, you will obtain comprehensive services, whereby the final product for you will be a certificate and a report on assessment of the performance of construction product (AVCP) according to System 3, attesting the quality of your product. Based on these documents, you will be able to directly issue the Declaration of Performance (DoP).



If you wish to know how we process the applications for a **Conformity Assessment**, here is the step by step approach, put briefly:

1. Receipt of an application sent to our e-mail address.
2. Person-to-person meeting (the best choice), at which the sample selection, quotation and other business matters are discussed. If necessary, all this can be dealt with via e-mail correspondence.
3. Completion of an Application for Conformity Assessment Activities (we shall send it to you with all the essential elements pre-filled).
4. Based on the Application, we shall draft a contract for assessment of the performance of products. This contract must be signed by the company representative authorised to negotiate and sign the contract.
5. Once the contract is signed, proforma invoice settled and selected samples and documentation required for assessment of the performance of construction products are delivered, the tests, evaluations and examinations can follow.
6. The results of evaluations that will lead to issuance of a certificate and of a report on assessment of the performance of construction product. In the case of a nonconformity having been found, it is necessary to arrange with the customer the procedure for correction of the defect.
7. Settlement of a final invoice and delivery of all final documents to the customer's address.



If you find our offer interesting, **please do not hesitate to contact us**, and we shall be happy to discuss with you all the matters relating to the testing and certification of radiators.