

17 October 2025

STFI Media Service

International Trade Fair for Safety and Health at Work

STFI trade fair appearance from 4 to 7 November 2025 at the A+A in Düsseldorf

Chemnitz, 17 October 2025 - A+A in Düsseldorf is the world's largest and most important event when it comes to health and safety at work. With the leitmotif "People matter", the event in 2025 will focus in particular on the topics of sustainability, digitalisation and new work. The Certification Body for Protective Textiles at the Saxon Textile Research Institute (STFI) will be providing information at its own stand at A+A about its services relating to the testing and certification of PPE, in particular heat and flame protection as well as welding and laser protection.

In addition to the classic topics of heat and flame protection for the industry, this year the trade fair team is particularly preparing for questions and discussions on the new, significantly expanded state of the art in welding protective clothing in accordance with EN ISO 11611 – an important milestone in the field of protective clothing. In Germany, there are an estimated 80,000 full-time welders, around 250,000 employees who carry out welding work and around 100,000 cases of skin cancer per year that can be attributed to artificial sources of UV radiation. Within the framework of international standardisation work, the STFI has made a significant contribution to the development of testing procedures by devising a method for testing protective textiles using a dual-beam spectrometer with a filter cascade in the wavelength range (200–400) nm. Based on this work, the protective performance of clothing can now be reliably and objectively determined for the first time, also with regard to the legally required daily UV exposure limit of 30 J/m².

The energy transition and its impact on the PPE of those working in this field will also be a topic of presentation and the subject of many discussions at our stand at A+A. Starting with the testing, evaluation and selection of multifunctional protective clothing with electrostatically dissipative properties for H2 applications in the energy and mobility sector through to arc fault protective clothing for work on electrical systems for the installation and maintenance of high-performance battery storage systems from photovoltaic and wind power plants, the core competences of the STFI's protective textiles certification centre will be addressed.

The STFI testing and certification body is expanding its portfolio in two areas and will be presenting these at A+A in Düsseldorf: knee protection and protective clothing against laser. With the addition of knee protection for work in a kneeling position in accordance with EN 14404-4:2024 to the STFI testing and certification centre's work area, a genuine newcomer will also be travelling to the trade fair stand in Düsseldorf. In addition to developing testing procedures at STFI and in close cooperation with the employers' liability insurance association, the conditions are currently being created for testing and certifying protective clothing and gloves against the thermal hazards of laser radiation. When working with hand-held laser equipment, high energy levels pose considerable risks due to thermal damage on the one hand and reflective radiation on the other.

STFI Media Contact

Kareen Pfab | Public Relations

☎ +49 371 5274-197

🌐 www.stfi.de

✉ kareen.pfab@stfi.de

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Sächsisches Textilforschungsinstitut e.V. (STFI)

Annaberger Str. 240

09125 Chemnitz | Germany

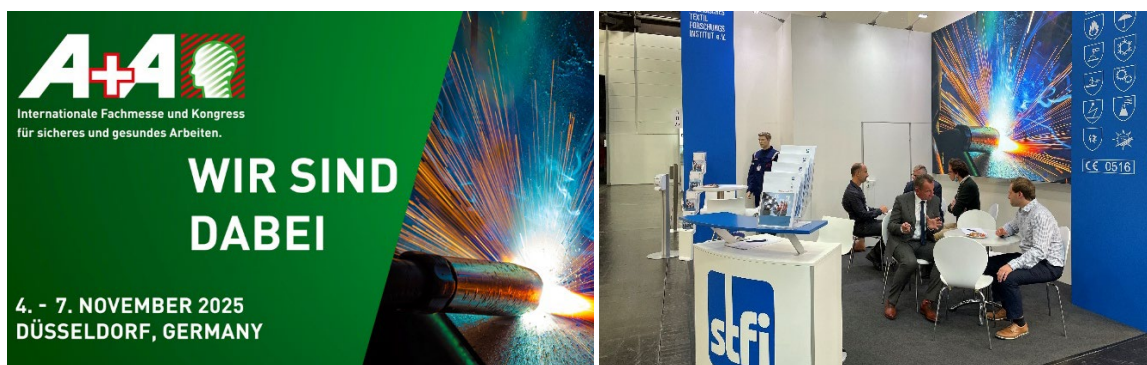
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From 4 to 7 November 2025, the STFI will have its own stand at the A+A trade fair in Düsseldorf. Our experts led by Hendrik Beier, Head of the PPE Certification Body (CE 0516), will provide information on the STFI portfolio of testing and certification for PPE and the associated standards. The trade fair team will be available to answer your specific questions and address any issues you may have at the stand F23 in Hall 16.

Photos



The STFI has been represented at A+A with its testing and certification centre since 1995.

Photos in print quality are available on request.

About STFI

The STFI in Chemnitz has been an outstanding innovation partner and service provider for its customers since it was founded in 1992. Textile materials have shaped our activity profile ever since. The non-profit institute addresses technical and social issues through an open, interdisciplinary and reliable approach. At STFI, the main topics of research and development are technical textiles, nonwovens, lightweight textile engineering, functionalisation, recycling, digitalisation and AI. At the Centre for Textile Sustainability, the focus is on application-oriented research into resource efficiency and energy-optimised processes. Additionally, STFI gathered many years of experience and expertise in textile testing as well as certifying Personal Protective Equipment (PPE). Under the name "STFI Academy", the STFI regularly offers modules and courses for specialist qualification and further training, designed to support employers in the textile industry. The STFI has been an affiliated institute of the Chemnitz University of Technology since 2006. Furthermore, it is actively involved as a member of the Zuse Association and the Saxon Industrial Research Association (SIG).

Further information: www.stfi.de

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