

“My curiosity extends down to nano-particles.”

Carsten Prinz analysing phase changes using flash DSC technology



MISSION STATEMENT OUR MISSION

We ensure safety in technology and chemistry.

The Bundesanstalt für Materialforschung und -prüfung (BAM) integrates research, assessment and consultation in technology and chemistry under one umbrella.

Responsible technological change helps guarantee our society's prosperity. And new technologies are key to Germany's status as a top business location. But the long-term safety of new technologies is also essential to build public trust in change and safeguard our future.

By working at the cutting edges of materials science, materials engineering and chemistry, we make a crucial contribution to the technical safety of products, processes and to people's life and work. For this purpose, we carry out research, perform tests and provide advice based on our technical expertise and many years of experience at the interfaces of science, technology, industry and politics.

“We are the experts
in worm pest control.”

Yvonne de Laval and Sabine Busweiler preparing a wood preservative test



MISSION STATEMENT OUR TASKS

We conduct research and tests and provide advice to protect people, the environment and property.

Within the context of our legal and socio-political responsibilities, we identify needs that will shape safety requirements in technology and chemistry in the future. With our scientific and technical solutions and by sharing our knowledge, we help promote German industry. Our work focuses on:

- **Research and development,**
- **Knowledge and technology transfer,**
- **Scientific and technical services,**
- **State and public services.**

BAM has been engaged in developing and validating analysis, testing and assessment methods as well as models, data and required standards for more than 140 years. We research, test and evaluate substances, materials, parts, components and equipment as well as natural and technical systems for safe handling and operation. We communicate safety solutions and implement them by establishing standards. Therefore, advice, information and participation in national and international bodies are a major part of our business

MISSION STATEMENT OUR ASPIRATION

We achieve maximum impact through competence, interdisciplinarity and continuity. BAM's competence arises from interdisciplinary knowledge and our own high-quality and continuous research. Scientists at BAM collaborate on research topics in chemistry, materials science and materials engineering across different levels of complexity.

We continuously consolidate and improve BAM's scientific and technical capabilities. We use an integrated management system for control and governance.

We take responsibility for our tasks. Personal commitment and mutual appreciation are prerequisites for our work. A culture of open discussion and the input of results to a group of equal experts guarantee performance and quality.

MISSION STATEMENT OUR ROLE

As a centre of excellence for safety in technology and chemistry, we make a significant contribution to the development of German industry. Safety creates markets. As a higher federal authority, we are financially independent and act as a neutral moderator in external decision-making processes.

We also facilitate the transfer of scientific findings to the public domain for the purpose of policy advice and the fulfilment of public services. Our work helps to reduce the transaction costs involved in implementing policy decisions.

We engage in technology transfer in our national and international networks by passing on our own findings. At the same time, we use the expertise and valuable ideas from our networks for our current work and in setting BAM's future direction.

OUR GOAL

We are dedicated to creating a strong safety culture in Germany and establishing safety standards designed to meet the highest requirements now and in the future.

“We give more weight to safety”

Mathias Minack handling a dropping device for transport containers



Sicherheit in Technik und Chemie

Our Mission Statement

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KEY STATEMENTS
ABOUT BAM

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