



Atotech, a brand within the Materials Solutions Division of MKS Inc., develops leading process and manufacturing technologies for advanced surface modification, electroless and electrolytic plating, and surface finishing. Applying a comprehensive systems-and-solutions approach, Atotech's portfolio includes chemistry, equipment, software, and services for innovative and high-technology applications. These solutions are used in a wide variety of end-markets, including datacenter, consumer electronics and communications infrastructure, as well as in numerous industrial and consumer applications such as automotive, heavy machinery, and household appliances.

With its well-established innovative strength and industry-leading global TechCenter network, MKS Inc. delivers pioneering solutions through its Atotech brand – combined with unparalleled on-site support for customers worldwide. For more information about Atotech, please visit us at [atotech.com](http://atotech.com).

**MKS Inc. in Berlin is looking for a**

## **Mandatory internship in the field of chemistry**

### **'Electroless copper'**

**Reference number: R14869**

#### **A Day in Your Life at Atotech Deutschland GmbH & Co. KG**

MSD, a manufacturer of specialty chemicals, equipment and software used in the printed circuit board, semi-conductor and connector industries, has an opening for a 2026 (start in March) undergraduate intern (m/f/d) placement.

We are looking for an inquisitive scientist-in-the-making who enjoys working in a wet-chemical laboratory and welcomes the challenge of switching thinking modes between inorganic, organic and physical chemistry as well as materials science. In your role as an intern (m/f/d) you will support the research activities of the project team responsible for the development of an electroless copper process for the deposition of ultra-thin copper layers. Why is that exciting? You surely have a smart phone and consider it an indispensable companion in your daily life. Thinner electroless copper layers will make next-generation smart phones, faster, more powerful, slimmer and lighter. So, come and help us make that happen!

#### **Your responsibilities**

- Execution of experiments and tasks as agreed with supervisor
- Preparation of test coupons for electroless copper plating
- Preparation and chemical analysis of treatment baths for electroless copper plating
- Electroless copper deposit quality assessment by wet-chemical and physical methods
- Documentation of results
- Presentation of results in relevant meetings
- Supporting the project team in troubleshooting process

#### **What do you bring to the table**

- Enrollment in a Bachelor's degree program in chemistry, physics, chemical engineering, materials science or a related field (mandatory internship requirement)
- Initial wet-chemical laboratory experience
- Basic knowledge of and experience in spectroscopy, gravimetry, titrimetry and the chemistry of transition metals in aqueous media
- Willingness to handle hazardous chemicals
- Capacity to design, plan and conduct laboratory experiments and collect and analyze the resulting data
- Ability to work with Microsoft Office software
- Proactive, structured, and collaborative working style
- Strong communication skills in English; additional languages are a plus
- High motivation to learn and contribute to impactful corporate initiatives
- Compensation: €450/month

#### **What we offer**

Globally, our policy is to recruit individuals from wide and diverse backgrounds. However, certain positions require access to controlled goods and technologies subject to the International Traffic in Arms Regulations (ITAR) or Export Administration Regulations (EAR). Applicants for these positions may need to be "U.S. persons." "U.S. persons" are generally defined as U.S. citizens, noncitizen nationals, lawful permanent residents (or, green card holders), individuals granted asylum, and individuals admitted as refugees.

MKS Inc. and its affiliates and subsidiaries ("MKS") is an affirmative action and equal opportunity employer: diverse candidates are encouraged to apply. We win as a team and are committed to recruiting and hiring qualified applicants regardless of race, color, national origin, sex (including pregnancy and pregnancy-related conditions), religion, age, ancestry, physical or mental disability or handicap, marital status, membership in the uniformed services, veteran status, sexual orientation, gender identity or expression, genetic information, or any other category protected by applicable law. Hiring decisions are based on merit, qualifications and business needs. We conduct background checks and drug screens, in accordance with applicable law and company policies. MKS Inc. is generally only hiring candidates who reside in states where we are registered to do business.

MKS Inc. is committed to working with and providing reasonable accommodations to qualified individuals with disabilities. If you need a reasonable accommodation during the application or interview process due to a disability, please contact us at: [accommodationsatMKS@mks.com](mailto:accommodationsatMKS@mks.com).

If applying for a specific job, please include the requisition number (ex: R14869), the title and location of the role.

#### **Interested in a career at a successful industrial company?**

Then we look forward to your initial contact or your [online application](http://www.mks.com) with details of your salary expectations via our website: [www.mks.com](http://www.mks.com).

Atotech Beteiligungs- und Management GmbH & Co. KG

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