

Are you ready to shape the world of optical solutions with us?

The ams OSRAM Group, including the listed companies ams AG as parent company and OSRAM Licht AG, is a global leader in optical solutions. By adding intelligence to light and passion to innovation, we enrich people's lives. This is what we mean by Sensing is Life. Our around 30,000 employees worldwide focus on innovation across sensing, illumination and visualization to make journeys safer, medical diagnosis more accurate and daily moments in communication a richer experience. Whatever your role is, you are a part of a talented team that enjoys exploring and designing new technologies.

## Process Reliability Engineer (m/f/d)

Job No. 6063

### Job description/tasks and responsibilities:

- Reliability investigation and process qualification (Transistor stability: Hot Carrier Instability (HCI), Biased temperature instability (NBTI), Oxide reliability: Defect density (DD) and lifetime evaluation (Econst), Metalstability: Electromigration (ELMIG))
- Electrical characterization of new process families or modules
- Lifetime monitoring of process families
- Determination of maximum operating condition
- Evaluation of new test methods in the areas of process characterization and reliability investigation
- Additional lifetime investigations on stress migration, resistor and diode stability

### Education/experience:

- Master Degree in Physics, Material Science or Electronics
- 1 - 2 years of work experience in semiconductor industry
- Process Reliability knowledge and experience
- Understanding of Semiconductor Physics
- Programming skills
- Measurement and testing capabilities
- Fluent in English (spoken and written)
- You're acting as a absolutely team player

**Workplace:** Premstätten, Styria, Austria

### Collective salary and wage agreement:

We offer competitive salaries and additional benefits based on your performance, experience and qualification.

The employment is in accordance with the collective salary and wage agreement for employees of the electrical and electronics industry, employment group G (<https://www.feei.at/wp-content/uploads/2021/04/Angestellte-2021-05-01.pdf>)

We offer a higher compensation depending on your expertise and skills.

ams offers a great work environment with exciting career paths and trainings, attractive salaries, a profit sharing program, social events and much more.

If you enjoy creativity and innovation, working in teams and an open and friendly corporate culture, we are looking forward to your application via our recruiting platform: [www.ams.com/eng/Join-Our-Team/Open-Positions](http://www.ams.com/eng/Join-Our-Team/Open-Positions)

A large graphic with the text 'Step up.' in a bold, white, sans-serif font. The background of the graphic is a blurred image of a person in a dark suit walking up a set of stairs. The background of the entire page is a grid of glowing blue and white squares, resembling a circuit board or a data visualization.