

# Job Title: Engineer, Process Digitalization and Smart Equipment

We are now looking for an **Engineer, Process Digitalization and Smart Equipment**, in Oberursel, Germany

Metso Outotec is a global supplier of equipment, technology, and services to customers in the mining and construction industry. The Metals Business Area provides processing solutions and equipment for metals refining. The Metals & Chemical Processing Business (MCP) offers products and services to acid & off-gas, fluid bed and light metals customers. We, in MCP are recognized by our customers as delivering energy-efficient and sustainable process equipment and plant solutions as well as integrated digital solutions.

The job holder will join the General Engineering department, which is part of MCP's project delivery organization. You will be responsible to lead, to implement and/or to represent the respective technology during the project execution phase. You shall participate in the project execution with respect to smart equipment and digitalization. Further tasks will cover productization measures and R&D.

## **As Engineer – Process Digitalization and Smart Equipment – you will:**

- participate in delivery and development projects with end-to-end responsibility on the implementation of digital products
- coordination of related tasks with other disciplines e.g., technology engineering, instrumentation and automation
- collaborate with multi-disciplinary project team as well as with research and development digitalization specialists in joint developments
- perform the transition between process automation and higher-level digitalization and process monitoring solutions
- proactively identify suitable instrumentation concepts for future digitalization concepts and process monitoring solutions
- develop and implement concepts for digital equipment solutions, with respect to e.g., health monitoring, advanced automation, and intelligent maintenance concepts

## **To succeed, you will need:**

- a master's degree or PhD or similar in process engineering, mechanical engineering or similar, ideally first experience in instrumentation, automation or digital solutions for international plant engineering and construction projects,
- an open mindset for digitalization topics,
- first experience in delivery and development of digital solutions,
- to develop good understanding of the equipment and processes that need to be instrumented and automated,
- willingness to travel all over the world,
- fluency in oral and written English, additional languages would be an asset,
- proven skills in mathematical modelling of processes (e.g., mechanical, thermal or flow processes),
- very good computer skills for standard and engineering software, programming skills (Matlab, C, Python or similar) would be an asset