



**Tenova, a Techint Group company, is a worldwide partner for sustainable, innovative and reliable solutions in the metals and – through the well-known TAKRAF and DELKOR brands – in the mining industries. Tenova leverages a workforce of over 2,200 forward-thinking professionals located in 19 countries across 5 continents, who design technologies and develop services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.**

Tenova LOI Thermprocess is a driver in the transformation of the metals industry towards decarbonisation. With our high technical solutions, we support our customers to continuously adapt to the changing environmental requirements. We are already actively contributing to climate protection with our vision of a sustainable steel industry and our focus on agile development and implementation of combustion technologies without fossil fuels, especially hydrogen, and the expansion of electrical heating capabilities in our plants. **Green Ways to Metals** – this is what we stand for.

We welcome highly professional and motivated people who enjoy shaping the future actively and being part of this continuous process of change and transformation within the metals industry with an innovative mindset and up-to-date knowledge.

To strengthen our activities of Secondary Metallurgy Plants, we are looking for a

## **PRINCIPAL ENGINEER (m/f/d) SECONDARY METALLURGY**

Immediately, permanent and full-time, located in Duisburg

### **Responsibilities within Secondary Metallurgy:**

- Identify and select the best equipment solution for vacuum degassing plants / secondary metallurgy processes
- Preparation of process engineering calculations and design of main plant design (PFDs, main equipment sizing, process concepts)
- Carrying out the technical risk analysis and drawing up functional descriptions of vacuum degassing / secondary metallurgical plants
- Preparation of basic engineering and the most appropriate dimensioning of all system components
- Management of technical process documentation, both internal and external
- Revision of the offers and supplier documents
- Provision of input data to the special functions involved in the project
- Support the sales department with preliminary sizing and dimensioning of secondary metallurgy equipment.
- Support after sales department and commissioning of plants worldwide

### **Skills required:**

- Master/Diploma-, or PhD degree with focus on process engineering, metallurgy or mechanical engineering
- Professional experience as a technology engineer in plant engineering, in the steel sector or chemical industry  
Experience in secondary metallurgy plants / equipment is a plus
- Experience in vacuum and process technology is an advantage
- Good English Skills, if possible at negotiation level
- Creative and innovative mindset, problem solving and results oriented
- Willingness to travel worldwide

### **We offer:**

In addition to exciting and diverse fields of activity, we offer motivational onboarding and intensive training on the job in an international team. The mix of mobile office, office and flexitime offers more flexibility in everyday life. Latest technology and a modern ambience enable agile and digital working in our modern office in a central and attractive location in Duisburg's inner harbour. Our large open space area invites you to a daily get-together with colleagues.

**You would like to become part of the transformation process in metals industry?**

**Then we are looking forward to your application!**

