

# AGENDA

**Moulding and core sand materials: Hands-on training (2 day seminar)**, venue location ÖGI Leoben, including seminar documents and supervision at the ÖGI, **08.-09.11.2023**

## **Day 1:**

- Introduction to property requirements and testing

aspects of moulding and core sand materials

Hands-on training in ÖGI test lab:

- Practical testing of mould and core sand mixes
- Modern testing methods
- Reconditioning of sand mixture and test specimen

preparation

- Display of various test methods and testing

equipment

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## **Day 2:**

Hands-on training in ÖGI test lab:

- Test specimen preparation
- Extensive comparative testing (GF test equipment, modern Jung and Zwick testing machines)
- Display and review of typical quality issues and problems regarding application of moulding and core sand materials in ferrous foundries

**IMPORTANT INSTRUCTION: ÖGI as well as individual sand mixes from foundries can be used: participants are welcome to bring well packed (e.g. using a dense closed plastic bag in a bucket with closed cap to strictly avoid loss of humidity of the mixture) sample batches of approx. 10 kg or more**

- Practical display of process and input material related influences on the measured specimen properties
- Data documentation and evaluation
- Quality control and quality system implementation with respect to sand mixes

Total for 12 participants (max.)