

DVODNEVNI SEMINAR ZA LIVARNE VISOKO TLAČNEGA LITJA

ÖGI Leoben , 21.-22. Januar 2025

Okvirne teme programa:

Seminar on High-Pressure Die-Casting, (2-day-training),

Venue is ÖGI Leoben, including seminar documents and supervision

Topics:

Theory:

- Thermochemical and thermomechanical wear of tools for HPDC (acc. to speech of P. Hofer-Hauser in Portoroz 2023)
- Damage and failure of HPDC-tools
- Introduction to cooling and die tempering in HPDC
- Vacuum and spraying technology
- Numerical simulation with focus on the spray process
- Porosities in HDPC

Hands on:

Thermography

Standard water spraying/standard water spraying with core cooling

Process conversion from conventional spraying to micro-spraying/microspraying with core cooling