

TRAINING CENTER / TECHNICAL SERVICES

## Training Center NFM

### Design Solutions and Installation Techniques

Theory and Practice of Correct Installation of Refractories

\*Exclusive Course for the Non-Ferrous Metals Industry\*



# There for you, wherever you need us



The more closely we work with our customers, the greater the impact we can make for them. So a global network of offices, research centers, and production sites is important to us, and to them. We are continuously extending our global reach to be closer to even more customers.

Being closer to customers doesn't just mean we can be more responsive to their needs. It also helps us to listen better – to understand their concerns, cultures and ways of working. It makes us alert to new ways of thinking and ideas that enable us to deliver even better advice, services, and solutions.

Our exceptional resources and expertise extend far beyond making and selling products. We provide solutions to customers worldwide for cover projects, material specifications, thermal studies, numerical simulations, follow-ups and technical support in application of minerals, and maintenance and electromechanical services for refractory equipment.

**35**

Main production and raw material sites

**70**

Sales offices

**180**

Countries shipped to worldwide



# Content

## Training Center NFM Installation techniques

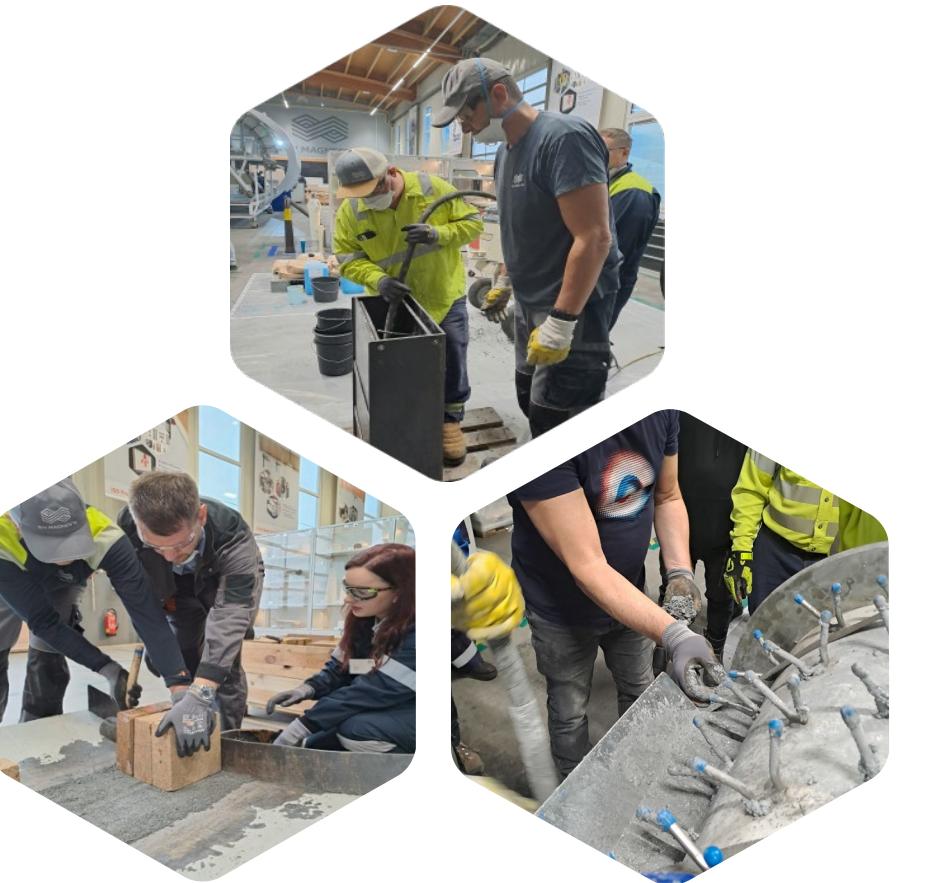
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# Our offer

- Refractory design solutions and installation training tailored to industry requirements
- Assistance to improve availability and productivity of furnaces
- People development in a very specialized field
- Practical exercises: hands-on experience for all participants in small groups
- Insights on systems and models to optimize furnace efficiency in service
- Realistic industrial set-up with fully operational installation work
- Industrial installation equipment for monolithics



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# Participants

All levels of staff dealing with refractories:

- Selecting
- Purchasing
- Responsible
- Installing
- Supervising
- Handling

Shift foremen, technicians, warehousemen, installation teams, refractory champions, engineers and managers (production, process, maintenance, purchasing), plant managers ...



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# Course content

- Insights into the Design and Installation of Several Roofing Systems
- Hands-on application of refractory installation for critical furnace areas (bottom, sidewall, and skewback)
- Refractory Installation on Deformed Kiln Shells (mortar lining, kiln shell deformations, welding seams, etc.)
- Mixing and Vibrating of Refractory Castables (Installation of burner as example)
- Refractory Fundamentals, Production and Latest Innovations (raw materials, wear mechanisms, heating-up, storage etc.)
- Systems and Design Options for Optimal Furnace Configurations
- General Expansion considerations, Installation Errors and potential Consequences



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# Course facts

**Content** Theory and practice of design solutions and refractory products & their installation in NFM industries



[installationtechniques@rhimagnesita.com](mailto:installationtechniques@rhimagnesita.com)

**Trainers** RHI Magnesita experts in refractories & design solutions



Ms. Amina Sidi Mammar; +43 (0) 699 1870 6324

**Duration** 4 days



Further information&registration: get in touch with the respective sales

\* RHIM reserves the right to cancel the course on significant grounds before it starts. In this case, all course fees that have been paid will be refunded.



\*\* All participants are obliged to be informed about possible travel requirements and to follow them.

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## Training Center Installation techniques

Magnesitstrasse 2, 8700 Leoben, Austria

T +43 502 13 5165

E [installationtechniques@rhimagnesita.com](mailto:installationtechniques@rhimagnesita.com)

[rhimagnesita.com](http://rhimagnesita.com)

