



M.ACADEMY – TRAINING

M.CRANE – AUTOMATED ENGINEERING OF HOISTING DRUMS



COURSE INFORMATION

TITLE	m.crane – Automated Engineering of Hoisting Drums
DATE	On request
LOCATION	Linz, Austria / Customer Site
TUITION	€ 300 per person / Group rates available, flexible choice of location
TYPE	Classroom training
LANGUAGE	English
TRAINER	Julian Thoresson, MSc. / Service Engineer – Lifting devices / Primetals Technologies Austria / THOR Knowledge Engineering GmbH



COURSE DESCRIPTION

This course offers comprehensive training in the use of the online tool m.crane and teaches participants how to identify problems in the hoisting mechanism. This includes establishing reasons for early wear of hoisting drums as well as associated components such as couplings and ropes.

Using a real-life example, technical drawings of a hoisting drum will be generated and the benefits of the online tool will be illustrated. The generated drawings will be checked and modified if necessary. Furthermore, new systems and developments in the field of crane maintenance and predictive technologies will be explained.

Identify reasons for hoisting drum wear and define indicators. Increase the lifetime of the hoisting drum as well as other components such as ropes and couplings. Improve the efficiency of the hoisting mechanism through improved design.



COURSE OUTLINE

- Introduction
- Identify a worn hoisting drum
- Identify reasons for early wear of ropes, couplings, and drums
- Determine the mechanism group (classification) of your hoisting device
- Learn how to use the online tool m.crane
- Generate preview drawings of the hoisting drum and compare to the real world
- Check the result of the online tool and instantly query the manufacturing price

WHO SHOULD ATTEND

- Mechanics
- Maintenance engineers
- Technicians for cranes



PROGRAM DETAILS

- 09:00 - 10:00** Introduction to the standards used in hoisting engineering
- 10:00 - 11:00** What to look for and when to replace your hoisting drum
- 11:00 - 12:00** How to use the online tool for hoisting drum calculation
- 13:00 - 13:30** Predictive maintenance systems for hoists and cranes



ORGANIZATIONAL DETAILS

- TRAVEL** Upon the registration you will receive suggestions for hotels nearby
- VENUE** Primetals Technologies, Linz, Austria



WHAT IS M.ACADEMY?

LEARN, IMPROVE, SHARE.

m.academy offers courses (classroom training, practical training, process training, individual training) tailored to each area of your plant and designed to help your employees reach their full potential. Find the right package and leave the rest to Primetals Technologies. In today's globalized and interconnected world, knowledge is power and having the right know-how gives you a decisive advantage over your competition, locally and globally.

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FOR FUTURE INFORMATION CONTACT

Primetals Technologies Austria GmbH

Turmstrasse 44, 4031 Linz
Contact: Julian Thoresson
Phone: +43 732 6592 73542
E-Mail: julian.thoresson@primetals.com
primetals.com

CANCELLATION POLICY

Unless otherwise specified in the Commercial Offer, the Customer is entitled to cancel in writing at no cost up to 40 days prior to start of the training course. In the event of cancellation by the Customer up to 30 days prior to start of the training course, Primetals Technologies is entitled to charge 50% of the course fee. In the event of cancellation by the Customer up to 14 days prior to start of the training course, Primetals Technologies is entitled to charge 80% of the course fee. If the Customer gives notice of cancellation less than 14 days prior to start of the training course, or if the Customer fails to attend the course without having first canceled, Primetals Technologies is entitled to charge the full course fee.