KOENIG SOLUTIONS · COURSE OUTLINE

Special Topics in Xace Short Course

6 Hours	4	12	SC202
DURATION	MODULES	TOPICS	COURSE CODE

COURSE OVERVIEW

Improve your understanding of the methods in Xace and develop new skills to model difficult cases. This short course focuses on improving thermal predictions, interpreting results, troubleshooting cases and applying workarounds. Even the most experienced thermal designers will gain new insight into how to improve thermal analyses using Xace. Case studies may include: Rating natural draft (fans-off) cases; Improving accuracy of predicted driver power; Modeling units with redundancy fans (3x50% fans); Multiple service units; Inert blanketing in air-cooled condensers.

WHO THIS COURSE IS FOR

- Experienced Xace users who rate, design and troubleshoot air-cooled heat exchangers

COURSE SYLLABUS

4 Modules, 12 Topics

01

Modeling Redundancy Fans in Xace

TOPICS

- Why are redundancy fans used
- Specification procedure
- Interpreting outputs

02

Xace Fan Driver Power

TOPICS

- Importance of driver power estimate
- Auxiliary pressure losses in air-coolers
- Fan manufacturers' screening tools

03

Rating Natural Draft Cases in Xace

TOPICS

- Air flow rate calculation
- Xace natural draft air-cooler method
- Specification procedure

04

Multiple Service Air-Coolers

TOPICS

- Common applications
- Specification procedure
- HTRI design guidelines

DELIVERY NOTE

How It Is Delivered

- This course will make use of the following HTRI software: Xchanger Suite component Xace. All training materials are based on the current software version.
- Course credits: 6 hours (PDH/CEU)

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

- Classroom Training
- Live Online Classes (ILO)
- Fly-Me-A-Trainer (FMAT)
- Flexi (Self-Paced)
- 1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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