KOENIG SOLUTIONS · COURSE OUTLINE

Xist Workshop

6 Hours	5	8	WS102
DURATION	MODULES	TOPICS	COURSE CODE

COURSE OVERVIEW

This workshop is devoted to the shell-and-tube exchanger geometries handled only by Xist. The course focuses on the extensive options available in Xist and how you can use these methods effectively to solve several example problems. You will leave the class knowing how to take full advantage of the features this robust tool offers.

WHO THIS COURSE IS FOR

- Designers of shell-and-tube heat exchangers and process engineers who evaluate their performance

LEARNING OBJECTIVES

What You Will Learn

- Overview of Xist interface and the benefits of HTRI methods
- Process specifications rules for rating, simulation, and design
- Guidelines for specifying fluid properties
- Description of Xist geometry input parameters and their defaults
- Interpretation of Xist outputs for validation of unit performance

COURSE SYLLABUS

5 Modules, 8 Topics

01

Introduction

TOPICS

- Applications of Xist
- Overview of thermal performance prediction

02

Process Conditions

TOPICS

- Case mode selection
- Process specification

03

Fluid Properties

TOPICS

- Property input options in Xist
- Guidelines for fluid property specification

04

Geometry

TOPICS

- Key geometry input features in Xist

05

Program Outputs

TOPICS

- Output Summary, Runtime Messages, and other reports

DELIVERY NOTE

How It Is Delivered

- This course will make use of the following HTRI software: Xchanger Suite component Xist. 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?

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