

# COURSE DESCRIPTION

Crane Nuclear offers to provide the services as described in this Technical Description subject to the pricing, terms and conditions delineated in the Commercial Description.



## VOTES<sup>®</sup> Infinity Air Operated Valve System Usage Training

**Standard Class Size:**

6 Students per Instructor

**Maximum Class Size:**

8 Students per Instructor

**Course Duration:**

3 days

**Prerequisite:**

Prior AOV diagnostic testing experience using other diagnostic systems pre-approved by Crane Nuclear

**Supplied Materials:**

A training manual for each student

**Suggested Training Aides:**

Two (2) Crane Nuclear VOTES Infinity Systems and two (2) AOV test stands.

**Suggested Attendees:**

Plant instrument and control technicians, electricians and their foreman, engineers, QC and operations personnel

**Course Description:**

This course provides instruction on the proper installation and operation of the CRANE Nuclear VOTES Infinity Air-Operated Valve (AOV) diagnostic system. The course is designed for personnel with prior CRANE Nuclear or other AOV diagnostic training and experience that are transitioning to the latest CRANE Nuclear diagnostic technology. Students will receive classroom instruction, hands-on laboratory training, and accounts of testing experience on methods to set-up, operate and perform basic signature analysis. troubleshooting practice.

**CRANE**<sup>®</sup>

NUCLEAR

TR-9-91550

## Course Terminal Objectives:

Each student will be required to pass a written test with a minimum score of 80% in order to successfully complete this course. Upon successful completion of this training course, the student will:

- Demonstrate the proper installation and removal of all applicable CRANE Nuclear VOTES Infinity diagnostic system transducers.
- Successfully acquire, store, and perform basic analysis of applicable signatures.
- Identify the causes of common AOV degradations and perform necessary adjustments to correct the deficiencies.

## Course Enabling Objectives:

After completing this course, the student will:

- Explain the major functions of the CRANE Nuclear VOTES Infinity AOV diagnostic system.
- Identify various AOV transducers.
- Understand the equipment installation and software configuration.
- Understand data acquisition and basic analysis.

## Course Benefits:

- Increase the plant's self-sufficiency in AOV diagnostic testing.
- Increase the reliability of the plant's AOVs.
- Reduce the plant's cost of AOV diagnostic testing