

Ultrasonic Phased Array- Level II

Specific Training: 80 hours

Training Course Outline

This Phased Array Level II training includes the Principles of ultrasonic Phased Array Principles. The module will also cover PAUT in use of Biotography. The prerequisites for this course is UT Level I.

SCOPE

This course introduces the basic principles of ultrasonic phased arrays and provides the available use Phased Array for ultrasonic examinations. Training will include practical on phytotypes and industrial field.

This training is conducted over a two week period to meet the Level II Requirements of ASNT TC 1A.

PAUT Week 1 (40 hours):

Basic Principles of Phased Arrays and Manual PAUT

PAUT Week 2 (40 hours):

Encoded Scans, Omni-PC and Analyzers.



Phased Array Level Training, Equipment provided by Chirukuntla Inc. UT 100.

MODULES

Training is conducted in Modules.

Module PA1A: Phased Array Certification

Module PA 1B: Phased Array Physics

- Beam Profile of a Conventional Probe
- Area, Focal and Beam Spread
- Conventional Focusing
- Phased array Focusing using Time Delay
- Beam Steering and Element Size

Module PA2: Phased Array Technology

Level 2 Ultrasonic Phased Array Course Introduction

Rachel Sandford



Level 2 Ultrasonic Phased Array Course Introduction:

Decoding **Level 2 Ultrasonic Phased Array Course Introduction**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Level 2 Ultrasonic Phased Array Course Introduction**," a mesmerizing literary creation penned with a celebrated wordsmith, readers embark on an enlightening odyssey, unraveling the intricate significance of language and its enduring affect our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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