



TEST NDT, Introduction to Ultrasonic Phased Array Course (16 Hours)

This is an overview course designed to familiarize the attendees with the basic concepts of Ultrasonic Phased Array Technology. It is intended for people who may not need to use Phased Array as an inspection tool personally, but, would like to be familiar with the basic concepts, advantages and limitations of the technique.

It would be suitable for managers considering expansion into the phased array technology or individuals who are interested in expanding their overall NDT knowledge.

This is not a course required by, or leading to certification.

This training package covers the same material covered in the first 2 days of the level 1 phased array training.

Attendees who successfully complete the introduction to phased array course may also attend the last 3 days of the level 1 phased array course at a later date, if desired to complete the 40 hour level 1 course, although this is not a mandatory requirement for attendees of the introduction course.

Brief course outline:

- 1.0 Introduction and course objectives**
 - 1.1 Brief history of phased array
 - 1.2 Capabilities / advantages of phased array
 - 1.3 Course objectives
 - 1.4 Phased Array Inspector Certification requirements
 - 1.5 Refresher of basic ultrasonic principles
- 2.0 Ultrasonic phased array digitization principles**
- 3.0 Introduction to phased array principles**
- 4.0 Practical demonstrations**

TEST NDT does not have any pre-requisites for attending any of our courses, it is entirely up to the attendee to determine whether the course is suitable for their needs and whether they are capable of achieving the standards.

Please study the applicable course outline and decide if the course is suitable for your needs before enrolling, if in doubt, please contact us to discuss.

For employer funded attendees, please discuss the suitability of any of the courses with your employers responsible NDT level 3 before enrolling.