

## **Phase array ultrasonic Testing Level 1 - Course content**

- Principles of phased array probes
- Principles of inspection sensitivity
- Phased Array Instrument
- Scanning with phased array probes
- Calibration and checks
- Software for data collection
- Software familiarity
- Procedures for verification of flaw existence and position
- Reporting

### **Training and experience hours required for Certification**

Full PCN certification is only achieved once the required experience is acquired following the completion of the required training hours and passing of the examination:

#### **Phased Array Ultrasonic Testing (Welds)**

Level 1 – 40 training hours and 1 month experience

#### **Eligibility:**

Eligibility for PCN Certification covering Ultrasonic Testing using Phased Array (UTPA) transducers is conditional upon the possession of relevant certification as described below:

Level 1 UTPA (welds) data collection: candidates will hold Level 1 or Level 2 certification for manual UT of welds issued by a certification body recognized by BINDT