



ACCREDITATION SCHEME FOR LABORATORIES

Technical Notes NDT 002
Guidelines for the Recognition of Non-
Destructive Testing (NDT) Personnel
Certification for SAC-SINGLAS
Assessments

Technical Notes NDT 002, 1 July 2019
The SAC Accreditation Programme is managed by Enterprise Singapore

© All rights reserved

1. Introduction

This document provides guidelines for the recognition of personnel certification of staff for non-destructive testing (NDT) laboratories accredited under SAC-SINGLAS.

2. NDT Personnel Certification requirements for approved signatories

2.1 The NDT personnel certification levels shall be those as defined in the various national/international NDT personnel certification schemes.

2.2 SAC-SINGLAS approved signatories for Non-destructive Testing except for Positive Material Identification (PMI) and X-ray Diffraction (XRD), shall be certified by any of the following bodies and have 2 years of relevant supervisory experience:

- a) American Society for Non-destructive Testing (ASNT Level III)
- b) ASNT Central Certification Programme (ACCP Level II & III)
- c) Australia Institute of Non-destructive Testing (AINDT Level II & III)
- d) British Institute for Non-destructive Testing (BINDT) (PCN Level II & III)
- e) TWI Certification Ltd (CSWIP Level II & Level III)
- f) **NDT Society Singapore (NDT SS) (SGNDT Level II & Level III)**

2.3 SAC-SINGLAS approved signatories for the PMI and XRD shall meet the requirement of SAC-SINGLAS 001 with 2 years of relevant supervisory experience and evidence of training by Original Equipment Manufacturer (OEM) or its authorized agent on the operation of the equipment.

2.4 The above list of recognised NDT personnel certification schemes shall be approved and reviewed as required by the SAC-SINGLAS Technical Committee for Physical Engineering.

3. NDT Personnel Certification requirements for testing operators

3.1 In-house (employer based Level II and above) or recognised NDT personnel certification as per clause 2.2.

3.2 NDT personnel who carry out Phased Array Ultrasonic Testing and/or Time of Flight Diffraction Method(s) shall be certified as per clause 2.2 for the specific method.