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NANDTB/27

GUIDANCE ON EN4179 - ACADEMIC QUALIFICATION EQUIVALENCIES FOR MINIMUM EXPERIENCE REQUIREMENTS FOR LEVEL 3

1. BACKGROUND:

- 1.1. EN4179 defines the minimum personnel experience requirements before being able to achieve a Level 3 in penetrant, magnetic, ultrasonic, radiographic, eddy-current, thermographic or shearographic methods (Table 3) and emerging NDT methods (Table 4).
- 1.2. EN4179 also states that the adequacy and equivalency of their previous experience to the requirements of Table 2 or 3 shall be determined and documented by the Responsible (Nominated) Level 3 or NANDTB.

2. GUIDANCE:

The UK NANDTB has prepared this policy document to assist the NDT Level 3 make such decisions.

- 2.1. The document is designed as a guide and is not intended to conflict with prime contractor or contractual client requirements which will always take precedence.
- 2.2. The listed UK NANDT board recognised equivalency qualifications are not intended to be exhaustive and are included as an initial list only. It is envisaged the document will continue to grow as additional qualifications are created and submitted to the Board for consideration.

2.3. EN4179 Table III - Minimum experience requirements for Level 3 in Penetrant, Magnetic, Ultrasonic, Radiographic, Eddy-Current, Thermographic and Shearographic testing.

College or University	Level 2 or equivalent experience
None	4 years
Two years of engineering or science study at a technical school, college or university (1)	2 years
Three to four year science or engineering undergraduate degree (2)	1 year

2.4 EN4179 Table IV - Minimum experience requirements for first Level 3 in an emerging NDT method.

College or University	Instruction/Study	Experience	Other NDT Certifications
No engineering or science study at a technical school, college or university	80 Hours	300 Hours	At least one previous Level 3 or two Level 2 certifications held.
Two years of engineering or science study at a technical school, college or university (1)	60 Hours	200 Hours	At least one previous Level 3 or two Level 2 certifications held.
Three to four year science or engineering undergraduate degree (2)	40 hours	200 Hours	At least one previous Level 2 certification held.

2.5 KEY (1)

UK NANDT Board Recognised Equivalencies

(Two years of engineering or science study at a technical school, college or university)

For England, Wales and Northern Ireland:-

- HNCs and HNDs
- Foundation degrees
- Other higher diplomas
- BTEC professional diplomas, certificates and awards

For Scotland:-

- SCQF Level 7 or 8
- SQA National units, courses and group awards (Advanced Higher)
- Scottish Vocational Qualification, level 4 (SVC4)
- HNCs and HNDs
- Diplomas of higher education (DipHE)

2.6 KEY (2)

UK NANDT Board Recognised Equivalencies (Three to four year science or engineering undergraduate degree)

For England, Wales and Northern Ireland:-

- BTEC Advanced professional diplomas, certificates and awards
- NVQs at level 5 (in the QCF framework)
- Bachelors degrees
- Bachelors degrees with honours
- Graduate certificates and diplomas
- Masters degrees
- Integrated Masters degrees
- Postgraduate certificates
- Postgraduate diplomas
- Doctoral degrees
- National Diploma in Professional Production skills

For Scotland:-

- SCQF Level 9 or higher
- Scottish Vocational Qualification, level 5 (SVQ5)
- Graduate certificate
- Ordinary degree
- Graduate diploma
- Honours degree
- Masters
- Doctorates

Signed for the Board



Kevin Pickup

Owner	Issue	Change Summary	Date
NANDTB	Issue 1 Rev B	Typographical changes/format changes	24-07-2014
NANDTB	Issue 2	Minimum experience wording changed for the tables/typographical changes	24-03-2016
NANDTB	Issue 3	Contact details for BINDT updated/new chair signature	01-03-2018