



The British Institute

of

Non-Destructive Testing

MEMBERSHIP

REQUIREMENTS

This leaflet describes the various grades of membership, detailing the entry requirements and the privileges granted by each grade. The grades are dealt with in order of increasing rank, and demonstrate the progression from first encounter as a student or practitioner, through to the pinnacle of Fellow.

For those applicants who do not satisfy the requirements for full membership, the Affiliate grade is available. This grade is also aimed at individuals who may be members of other institutes or societies and who, while not wanting to join as a full member, have an interest in NDT, condition monitoring or one of the other associated disciplines, which can be satisfied through Affiliate Membership of the BInstNDT.

PCN and other NDT qualifications have been specifically introduced. A listing of the major qualifications and their equivalences is given in Table . Note that these equivalences have been produced purely for membership grading purposes, they in no way indicate technical precedence. The list is not fully comprehensive, so if your qualification is not listed, please contact the Institute for guidance.

Student Membership

Student membership is available to individuals, who shall be bona fide students of science, metallurgy or other NDT-allied subjects, and/or trainees or assistants engaged in NDT. A student shall cease to be a Student Member at the end of the year in which he/she becomes eligible for membership of another grade, or at the expiry of six years from the date of his/her admission as a student whichever is the shorter, unless the Council upon the receipt of written application from him/her allows him/her to remain a Student Member.

Practitioner Membership PInstNDT

Any person who has attained the age of 21 and who is actively engaged in the practice of NDT, condition monitoring, or allied technologies may be elected by the Council to Practitioner Membership of the Institute.

A candidate applying for entry or transfer to this grade shall meet the requirements of one of the following routes:

1. NDT Certification Route

- a. possess a PCN Level 1 or equivalent national or international qualification, and
- b. have a minimum of 3 years combined approved training and experience in the profession of NDT, condition monitoring, or allied technologies.

2. Standard Route

- a. possess one or more Certificates of Competence or recognised 'Approval' certificate(s) or documentary evidence of competence acceptable to the Institute, or possess an academic qualification acceptable to the Institute at a standard not lower than that exemplified by a City & Guilds Part II Craft Certificate in an approved subject, and
- b. have a minimum of 3 years combined approved training and experience in the profession of NDT, condition monitoring, or allied technologies.

Graduate Membership GInstNDT

Any person who has attained the age of 21 and who has been actively engaged in the practice of NDT, condition monitoring, or allied technologies for at least 3 years may be elected by the Council to Graduate membership of the Institute.

A candidate applying for entry or transfer to this grade shall meet the requirements of one of the following routes:

1. NDT Certification Route

- a. possess a PCN Level 2 or other equivalent national or international qualification, and
- b. have a minimum of 3 years combined approved training and experience in the profession of NDT, condition monitoring, or allied technologies.

2. Standard Route

- a. possess one or more of such academic requirements approved by Council or the Board for Engineer Registration. The current academic standard required is exemplified by BTEC/SCOTVEC Ordinary Certificate or other comparable qualification in approved subjects, and
- b. have a minimum of 3 years combined approved training and experience in the profession of NDT, condition monitoring, or allied technologies, and
- c. demonstrate to the satisfaction of Council, a high degree of competency in any one specific NDT method or technique, or demonstrate a high degree of competency in his/her specialisation.

3. Mature Candidate Route

Some individuals in the profession may achieve positions typical of those held by Graduate Members without having the necessary academic qualifications. These 'Mature Candidate' applicants may be admitted if they are at least 35 years old, have had a minimum of 12 years experience in the NDT industry, condition monitoring, or allied technologies and have held a position of responsibility for at least 5 years. Candidates must submit a thesis of 3,000 to 5,000 words on a subject and of a standard acceptable to Council. Mature Candidates must demonstrate that they have reached a level of competence appropriate to Graduate Membership.

Member MInstNDT

Any person who has attained the age of 25 years and holds a position of responsibility to the satisfaction of Council may be elected by the Council to the grade of Member.

A candidate applying for entry or transfer to this grade shall meet the requirements of one of the following routes:

1. NDT Certification Route

- a. possess a PCN Level 3 or other equivalent national or international qualification, and
- b. have adequate experience in the profession of NDT, condition monitoring, or allied technologies with a minimum of 7 years combined approved training and experience, including at least 2 years in positions of approved responsibility.

2. Standard Route

- a. possess one or more academic qualifications approved by Council or the Board for Engineer Registration. The current academic standard required is exemplified by BTEC/SCOTVEC Higher Certificate, or other qualifications of a similar standard in approved subjects, and
- b. have adequate experience in the profession of NDT, condition monitoring, or allied technologies for a minimum of 5 years of which not less than two years shall have been devoted to approved training, and
- c. have been engaged for at least 2 years in positions of approved responsibility, and
- d. demonstrate to the satisfaction of Council, general familiarity with all commonly-used NDT methods or demonstrate a high degree of competency in any one specific NDT method or technique, or demonstrate a high degree of competency in his/her particular specialisation.

3. Mature Candidate Route

Some individuals in the profession may achieve positions typical of those held by Members without having the necessary academic qualifications. These 'Mature Candidate' applicants may be admitted if they are at least 35 years old, have had a minimum of 15 years experience in the NDT industry, condition monitoring, or allied technologies and have held a position of responsibility for at least 7 years. Candidates must submit a thesis of 5,000 to 10,000 words on a subject and of a standard acceptable to Council, and/or demonstrate that they have reached the level of competence appropriate to Member grade.

Note: Engineer applicants for Graduate and Member grade require to be registerable with the Engineering Council as EngTech, and IEng or CEng respectively. The majority of candidates for Graduate and Member grade will satisfy this requirement. It does not mean that applicants will be registered with the Engineering Council; this is a separate system and requires separate application. Should applicants wish to register with the Engineering Council, the Institute Registrar will be pleased to supply the relevant forms.

Fellow FInstNDT

This is the most senior grade of the Institute and is intended for those who have had long experience of high calibre and have achieved a position of high responsibility.

Any member of the Institute, over 35 years of age and normally of not less than 5 years' standing as a Member, and of suitable responsibility and achievement may be elected to Fellowship of the Institute upon submission to Council of written work, contributions of an original character, or a thesis of not less than 10,000 words on a suitable subject, which in the opinion of the Council merits such election, and/or on presentation of such other evidence as would justify election. Chartered Engineers of at least 5 years' standing and scientists of comparable status and seniority may at the Council's discretion be directly elected to Fellowship.

Affiliate

This grade satisfies the needs of individuals who, while having a personal and/or professional interest in NDT, do not feel it appropriate to join as a 'professional' member. The entry requirement to this grade is simply a demonstrable interest in the science or practice of NDT, condition monitoring or any of the other associated disciplines and techniques.

Other Cert Scheme	PCN LEVEL 1	PCN LEVEL 2	PCN LEVEL 3
ASNT			Level III if examined independently (or centrally certificated)
SNT TC 1A	Level I if examined independently Level II if not examined independently	Level II if examined independently Level III if not examined independently	Level III if examined independently
British Gas	Assistant Radiographer Ultrasonic Tester (Plate) Shift Bench B Inspector Magnetic Particle Inspector Welding Inspector (Back-end)	Full Ultrasonics Full Radiographer Welding Inspector Painting Inspector (Grades 2 & 3) Site Coating Inspector Mill Coating Inspector Shift Bench A Inspector Agricultural Inspector	Senior Pipeline Inspector (SPI) Senior Welding Inspector (SWI) Painting Inspector (Grade 1) Shift Leader Pipemill Supervisor
British Rail	Project "Operator"	Technologist Instructors	Chief Instructor Project and Development Section Leaders
CSWIP	Assistant Welding Inspector 3.1V Underwater (Diver) Inspector	Welding Inspector Dive Inspector 3.2V Underwater (Diver) Inspector 3.3V ROV Inspector	Senior Welding Inspector 3.4V Underwater Inspection Controller
MIL STD 410	Level 1 if examined independently of employer	Level 2 if examined independently of employer	Level 3 if examined independently of employer
473-Equivalent Schemes	Level 1	Level 2	Level 3