

NDE 4.0 Group

Terms of Reference

Aim

The aim of the “NDE 4.0” Group of the British Institute of Non Destructive Testing is:

To aid the adoption of and transition to NDE 4.0.

Enabling Objectives

1. To promote and enable the introduction of new NDE 4.0 technologies by identifying and tackling barriers, and education of manufacturing and maintenance supply chains in particular.
2. To support the contribution of NDE to wider Industry 4.0 practices, frameworks etc., including through-life approaches, thereby enabling a greater organisational value from NDE to be unlocked.
3. To, conduct a road-mapping exercise, revisited periodically, to help determine the detailed priorities of the group. A particular focus will be placed on elements requiring coordination across the field and beyond, such as interfaces and data formats for inter-operability.
4. To support the transition to NDE 4.0 practices by contributing to the definition and planning of future qualifications, and future Institute offerings in general.

Membership

Membership of the Group is open to anyone who is at least an Affiliate member of BINDT who has an interest in Industry 4.0 etc. Membership is free of any additional charge.

Organisation

The NDE 4.0 Group shall operate according to the Institute's Memorandum and Articles of Association and Bye-Laws and under the Terms of Reference approved by the Institute Council.

Committee

The Group shall be directed by an Executive Committee, elected by members of the group.

The Executive Committee shall be composed of:

A Chair

A Vice-Chair

At least 8 ordinary members.

All the members of the Executive Committee shall be full members of the Institute.

Committee members shall be appointed on an annual basis, but ordinarily shall serve a term of 3 years. Chair and Vice - Chair shall be appointed on an annual basis, but ordinarily shall serve a term of 2 years. Under normal circumstances, a Chair shall be succeeded by his Vice-Chair.

Any Executive Committee member failing to attend three consecutive meetings without due cause in the opinion of the Executive committee shall step down at the next Annual General Meeting.

In special circumstances, non-members of the group (regardless of BINDT membership status) may be co-opted to the Executive Committee for specific purposes. They shall not have a vote nor shall they form part of a quorum.

Executive Committee meetings shall be held at quarterly intervals and at other times as directed by the Chair.

A quorum for Executive Committee meetings shall be 5.

General Meetings

The group shall hold one Annual General Meeting in each calendar year for the purposes of:

- a. Receiving the Chair's report of the past year's work;
- b. Electing a Chair, Vice-Chair and an Executive Committee.

An Extraordinary General Meeting of the group may be called by the Executive Committee or on the written request of five members of the group. Three weeks' notice of the meeting stating the nature of the business to be transacted shall be given.

A quorum for a Group General Meeting shall be 5.

Voting

At any meeting of the Group or the Executive Committee a resolution may be adopted by a simple majority of those present by show of hands. In case of equality, the Chair shall have a second or casting vote. In the case of amendment to the Group's Terms of Reference a resolution may only be adopted with the support of not less than two thirds of those present who are entitled to vote.

Reporting

The NDE 4.0 Group reports through its Executive Committee to the NDT Technical Committee of the Institute.

Representation on other Institute Committees

One member of the Executive Committee shall be elected to represent the views of the NDE 4.0 Group as a full member of any / all of the following groupings, as the need arises – with minutes from the NDE 4.0 Group being forwarded to these groups as a matter of course to keep them updated even without attendance. The groups in question are:

- the CM (Condition Monitoring) Technical Committee
- the Trade & Industry Committee

- the Membership, Qualification & Education Committee (and/or Education & Professional Development Committee)
- others as situation develops.