EFNDT and DGZfP Online Services

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Abstract. In 2005, EFNDT and DGZfP agreed to bring the following online services onto the webpage of the EFNDT under www.efndt.org: (1) Searching for Literature and (2) Information Platform Standardisation. The first service is accessible for each interested expert while the latter is only for members of EFNDT or DGZfP.

Introduction

Since over 20 years, DGZfP is providing input into a database which collects bibliographic data of publications in the field of non-destructive testing. Since 2000, DGZfP together with other German organisation is strengthening and enlarging input and access of this database through a new cooperation agreement.

In 2000, DGZfP started to develop an information platform for standardisation to provide its members on new standards, new or planned work items, meetings of technical committees and interesting publications related to standards work and development of technical regulations.
1. Searching for Literature - ZfPLIT

Inquiry of publications in the field of NDT, welding and allied processes, castings as well as steel and iron materials in the common database of national and international publications collected by the German institutions:

- **DVS-Verlag**
  (publishing house of the German Society for Welding and Allied Processes, Düsseldorf),
- **VDG**
  (Association of Casting Experts, Düsseldorf),
- **VDEh**
  (German Iron and Steel Institute, Düsseldorf) and
- **DGZfP**
  (German Society for Non-Destructive Testing) V. (Berlin).

The database is connected with an online shop where copies of publications can be ordered directly. While searching for bibliographic data is free of charge, ordering will be charged related to the number of pages of each publication as stated in the respective price list and postal costs.

Updating of the database is performed continuously by the members of the database network. In the case of non-destructive testing, DGZfP co-operates closely with the BAM (Federal Institute of Materials Research and Testing in Berlin). BAM organises selection of literature, drafting of abstracts and delivery services of paper copies when ordered.

The operation of this database is supported by EFNDT (European Federation for NDT). All application features have been translated into English. A link to this online service on the homepage of the EFNDT [www.efndt.org](http://www.efndt.org) was established.

![Fig. 2: ZfPLIT database network](image-url)
In the meantime over 420,000 bibliographic data (mainly German or English) covering the area of
- non-destructive testing
- welding
- casting
- steel and iron
are accessible. Approximately 600 new data are placed monthly into the database.

2. Information platform for standardisation

The information platform for standardisation provides the webpage visitor with various information, e.g., on technical committees of national, European and international standards institutes dealing with non-destructive testing. It presents results of actual national, European and international standards work.

![Fig. 3: DGZfP’s information platform for standardisation](image)

Most important is the actual information on new standards, revisions of and draft standards which is published in form of a list on the main webpage of the platform covering updated information of the last three months.

This site is used by NDT companies to quickly update their knowledge on the actual status of standards and technical regulations. So, the information platform on standardisation is integrated in the quality system of many NDT companies and service providers as it allows the staff of these organisations to quickly receive an overview on any modification in the NDT standard collections and upcoming draft standards for the past 3 months.

The kernel of the information platform is a database including number, title and further information about national and international standards, guidelines, technical legislation and technical regulations which are related to non-destructive testing and neighbouring fields (e.g. welding and allied processes, casting or destructive testing).
The webpage visitor receives information on standards and technical regulation, e.g. technical committee which has drafted the document, year of publication, revisions, copy of content as pdf file (when document is available at DGZfP).
DGZfP and EFNDT financially support management and maintenance of these webpages and related databases. The corporate members of the DGZfP agreed in 2001 to support operation and updating of this online tool by an increased annual membership fee. The support was limited for a period of 5 years but there is no doubt that it will be extended during the general assembly in 2006 which will take place during the ECNDT 2006 Conference in September in Berlin.

In 2005, EFNDT agreed to enable access for its member societies and covers related fees. Therefore, access is restricted for DGZfP members and member of EFNDT only. All services described above can be reached on the website of the EFNDT. Quick access is enabled on the start page for both services.

Two more services are available on the English site of the webpage of the DGZfP under [www.dgzfp.de](http://www.dgzfp.de):

Fig. 6: DGZfP’s Online Buyer’s Guide

**DGZfP Online Buyer’s Guide**

The DGZfP Buyer’s Guide is a tool which enables interested companies or single experts to search for NDT companies located in Germany, e.g., NDT service providers or equipment developers, NDT research institutes, authorities or associations among the members of the DGZfP.

A simple search mask enables to receive the required information in form of listing key data of a company such as: name, address, contact, NDT methods offered, webpage and a brief profile.

**DGZfP Online Shop**

DGZfP has established several Technical Committees (TCs) which are related to specific NDT methods or technical areas such as rail ways or civil engineering. These TCs deal with specific technical problems of testing methods or related to products and/or materials. Here
NDT experts from different industrial fields and related research institutes meet to discuss and work out common solutions. The Technical Committees prepare guidelines, technical regulations and handbooks which are sold by the DGZfP Information Centre.

Furthermore, single NDT experts publish technical books, guidelines or handbooks through the DGZfP. Finally, proceedings of the annual conferences and specific seminars and conferences are published. Interested experts can easily order printed guides, handbooks or CD ROMs with publications through the on-line shop of the Information Centre of DGZfP.

Since 2005, DGZfP is also selling publications of ASNT, e.g. the different NDT handbooks and personal certification recommendations are available on stock. For more information have a look to www.dgzfp.de -> information centre.

All services described above can be reached on the website of the DGZfP through the Information Centre. Quick access is enabled on the start page of the DGZfP homepage for (1) Searching for Literature and (2) Access to the DGZfP Online Shop and DGZfP On-line Buyer’s Guide.