

DGZfP INFORMATION SERVICES - A PLATFORM FOR STANDARDIZATION AND PUBLICATION ENQUIRY

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Abstract: Information is probably the most important resource for successful development and application in modern technology. In the field of NDT, it is the task of NDT societies to supply their members with up-to-date, always and everywhere available information about standards, new (and old) publications and general business news.

DGZfP as a non-profit technical-scientific society has developed an electronic platform to provide their members with all publicly available information, including modern search functions and fast literature delivery.

Introduction: The DGZfP is a non-profit-making technical and scientific society and a member of the German Federation of Technical and Scientific Associations (DVT). According to the Statutes and articles of the society, it is the goal of the DGZfP "to promote research, development and applications in NDT and to propagate non-destructive testing techniques".

Main activities of the DGZfP are as follows: Information and communication on

- equipment, testing procedures, test results, NDT techniques
- standardization and other technical regulations
- harmonization of technical regulations
- development of guidelines
- quality assurance
- R&D programs
- equipment technology (validation, adjustment, supervision)
- professional ethics

The DGZfP represents its members and their interests in co-operation with:

- technical committees of DIN (German Institute for Standardization), CEN (European Committee for Standardization) and ISO (International Standards Organization)
- NDT societies of other countries
- EFNDT (European Federation for NDT)
- ICNDT (International Committee for NDT)
- other technical and scientific societies
- radiation protection institutions and organizations

In order to co-ordinate the scope of the above mentioned tasks, the DGZfP, in addition to membership in the DVT, is a member of the following societies:

- DIN German Standardization Institution, Berlin
- DVS German Welding Society (by mutual membership)
- VMFA Association of Material Testing Institutions in Germany
- ICNDT International Committee for NDT
- EFNDT European Federation for NDT
- Eurolab-D at BAM, Berlin
- FWD Promotion Society Materials Documentation.
- Society for the Promotion of the Röntgen-Museum in Remscheid

DGZfP's Publication and Information Centre

The Society's main source of information is the DGZfP journal, which currently is published five times a year. Besides information around the society, its members' activities, products and personal news, the "ZfP-Zeitung" covers technical information and papers on NDT and related topics. It also includes an updated calendar of forthcoming national and international NDT events. The subscription price for the journal is included in the DGZfP membership fee.

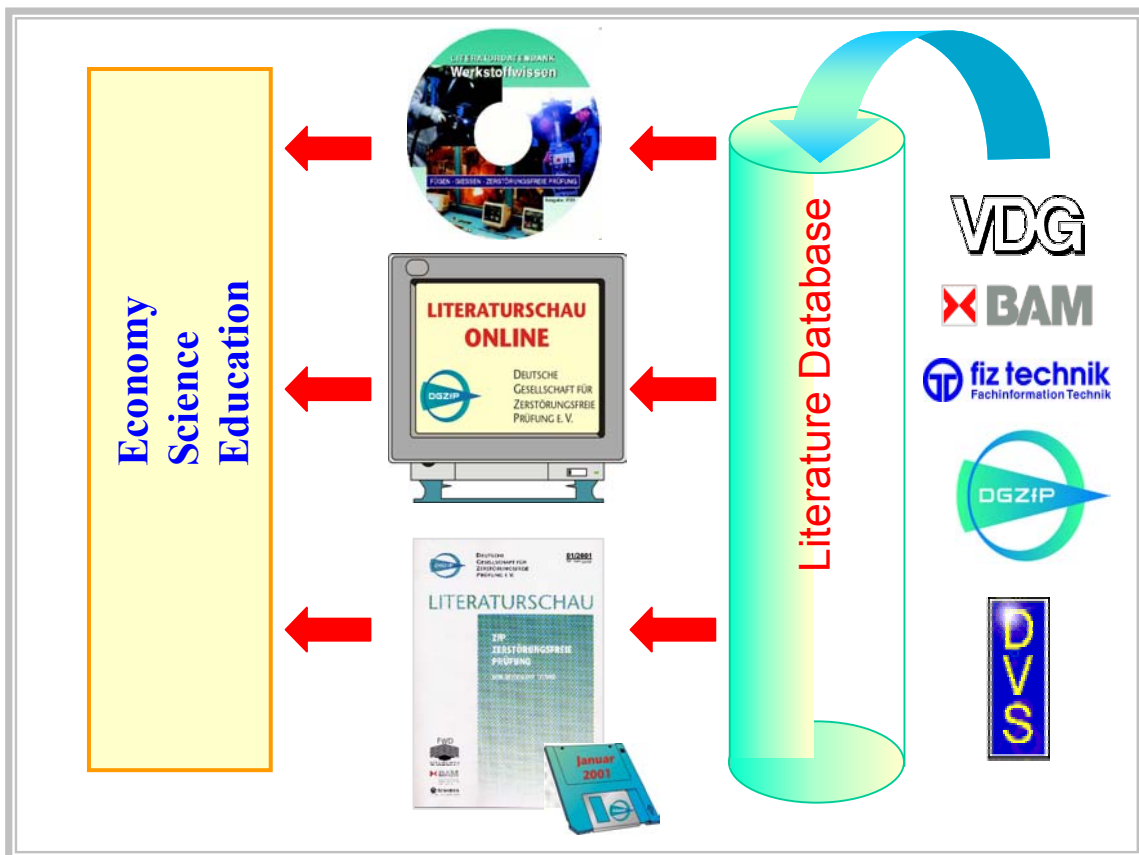
Proceedings of most conferences and seminars are published or printed on CD ROM, with more than 50 titles to date.

As already mentioned, the DGZfP offers guidelines, notes and recommendations prepared by its technical committees.

Along with BAM (Federal Institute of Materials Research and Testing), DVM (German Society for Materials Technology), and VDI (Association of German Engineers) the DGZfP is co-editor of the journal Materialprüfung (Material Testing).

Together with the BAM and the Centre for Technical Information (FIZ), the DGZfP is co-editor and distributor of the 44-year-old NDT Literature Documentation Service. Approximately 1400 to 1600 abstracts of papers related to NDT are published annually in 12 issues. This is available as a printed journal or as a PC diskette. A collection of 10 years literature documentation is collected on CD ROM. Literature searches in up to 200 databases will be performed for special information from case to case or on a regular basis. Finally, search for relevant literature titles in the combined database of Welding, Casting and NDT is made available on the DGZfP home page (www.dgzfp.de) free of charge (see picture below).

Presently, more than 450.000 references are accessible through this network.



DGZfP Information System

The use of the Information System is easy: The user logs on by name and password or as guest (Gastzugang). Than he may choose the English language and proceed to the search functions.

Finally, the search results are displayed. Abstracts and bibliographic references are shown, and a full text can be ordered immediately in an e-shop.

The screenshot displays two browser windows from the DGZfP Bibliographic database. The left window shows a list of search results:

Number	Document Title	Author(s)	DB-Nr.
1	A new high performance highly alloyed stainless steel for sour service - Ein neuer hochlegierter nichtrostender Hochleistungsstahl für den Einsatz unter sauren Bedingungen;	Kivisäkk, U.H.; Ulfvin, C.; Walden, B.;	20021004653
2	Effect of height to width ratio on K and CMOD solutions for a single edge cracked geometry with clamped ends;	John, R.; Rigling, B.;	M98080890640
3	Ranking the resistance of duplex stainless steels to chloride-induced stress corrosion cracking;	Jangelius-Pettersson, R.F.A.; Linder, J.; Hertzman, S.;	90-73168-03-1; DB-Nr. W98040218456
4	Implications of hydrogen uptake and transport for environment assisted cracking testing and interpretation of results - Folgerungen aus der Wasserstoffaufnahme und -transport für die Prüfung auf umgebungsunterstützte Rißbildung und Interpretation der Ergebnisse;	Turnbull, A.; Griffiths, A.J.;	M96040795677
5			

A green callout labeled "mark reference" points to the checkbox next to result number 3. The right window shows the details for result 3:

DB-Object-No. 124601 VD
 Document type Tagungsbeitrag
 Title orig. Ranking the resistance of duplex stainless steels to chloride-induced stress corrosion cracking on cracking behaviour of three steels has been investigated in a ... environments using both constant deflection (U-bend) and slow strain rate testing. Concentrated solutions of MgCl₂, CaCl₂ and LiCl yield variable ranking effects and should be avoided for general predictions of service performance, although they may make a valuable contribution to understanding of the fundamental processes governing stress corrosion cracking. Testing in NaCl gives consistent results indicating an increase in stress corrosion resistance with increasing alloying level. Two novel test methods, involving spray evaporation to simulate waterline or wet-dry conditions or a mixed chloride to simulate evaporated seawater are presented.
 Author(s) Jangelius-Pettersson, R.F.A.; Linder, J.; Hertzman, S.
 Language(s) Englisch
 Institution(s) Swedish Inst. for Metals Res., Stockholm, S
 Title of source Duplex Stainless Steels 97, 5th World Conf., Book 2: Corrosion, Service & Application, Metallurgy, Maastricht, NL, Oct 21-23, 1997
 ISBN 90-73168-03-1
 Publication Year 1997
 Magazine(copy)/publisher Zutphen: KCI Publ.
 Pages S.585-595
 S/Picture/Table/Sou 11S,9B,4T,13Q
 SDIM Descriptors CHLORID; DUALPHASENSTAHL; KORROSIONSBESTAENDIGKEIT; KORROSIONSVERSUCH; NICHTROSTENDER STAHL; SALZSPRUEHPRUEFUNG; SPANNUNGRISSEBILDUNG
 Chemical index MgCl₂; NaCl; CaCl₂; LiCl
 Tradename(s) S3204; S31803; S32750; SAF2304; SAF2507
 WEMA DB-No. W98040218456
 Preisangabe 19.26 € (Mitglieder: 14.44 €) zzgl. Versand

A green callout labeled "order" points to the "Bestell-Liste" button, and another green callout labeled "abstract" points to the "Abstract" section.

Similar to this literature data base, a data base for standards and regulations gives fast access to NDT related specifications from many sources. For the user this has the advantage, that he will be aware of nearly all published specifications on a subject, not only standards. At the moment, this tool is centered on German regulations; if there is sufficient interest, it could be expanded to additional, international specifications.

Titelsammlung Regelwerke der ZfP - Microsoft Internet Explorer zur Verfügung gestellt von dgzfp

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Datei Bearbeiten Ansicht Favoriten Extras ?

Drehscheibe Normung

DEUTSCHE GESELLSCHAFT FÜR ZERSTÖRUNGSFREIE PRÜFUNG E.V.

Norm Jahr der Veröffentlichung Gruppe

Titel Geltungsbereich [STRG] + Maus für Mehrfachauswahl

Suchbegriffe

Verfahren AT ET LT MT PT RT UT VT

Suchen Reset

- ZfP Bahn
- ZfP Bau
- Normungsvorhaben
- Personalzertifizierung
- Qualitätswesen
- Schichtdickenmessung
- Stereographie
- Schweißtechnik
- Technische Lieferbedingungen
- Sonstige ZfP-Normen
- sonstige zerstörende Verfahren

Norm	Jahr der Veröffentlichung	Titel
DIN 54151	1980-07	Hilfsmittel für die Sichtprüfung - Geräte mit einer Vergrößerung bis 16
DIN EN 61189-2	2001-03	Prüfverfahren für Elektromaterialien, Leiterplatten und andere Verbindungsstrukturen und Baugruppen - Teil 2: Prüfverfahren für Materialien für Verbindungsstrukturen
DIN EN ISO 8501-1	2002-03	Vorbereitung von Stahloberflächen vor dem Auftragen von Beschichtungsstoffen - Visuelle Beurteilung der Oberflächenreinheit - Teil 1: Rostgrade und Oberflächenvorbereitungsgrade von unbeschichteten Stahloberflächen...
DIN EN ISO 8501-1 BBl 1	2002-03	Vorbereitung von Stahloberflächen vor dem Auftragen von Beschichtungsstoffen - Visuelle Beurteilung der Oberflächenreinheit - Informative Ergänzung zu Teil 1: Repräsentative photographische Beispiele ...
DIN EN ISO 8501-2	2002-03	Vorbereitung von Stahloberflächen vor dem Auftragen von Beschichtungsstoffen - Visuelle Beurteilung der Oberflächenreinheit - Teil 2: Oberflächenvorbereitungsgrade von beschichteten Oberflächen nach örtlichem Entfernen der vorhandenen Beschichtungen
E ISO FDIS 8501-3	2001-02	Vorbereitung von Stahloberflächen vor dem Auftragen von Beschichtungsstoffen - Visuelle Bewertung der Oberflächenreinheit - Teil 3: vorbereitungsgrade von Schweißnähten, Schnittkanten und anderen Flächen mit Oberflächenfehlern
DIN EN ISO 8596	1996-05	Augenoptik - Sehschärfbestimmung - Normsehzeichen und seine Darbietungsbedingungen
DIN EN ISO 8597	1996-05	Optik und optische Instrumente - Sehschärfprüfung - Verfahren zum Anschluß von Sehzeichen
RIL 907.0410	2000-10	Visuelle Prüfung von Laufflächen
RIL 907.0410 A-2	2000-10	Visuelle Prüfung von Laufflächen; Anhang 2: Visuelle Prüfung von Laufflächen nach der ...

Fertig

Start

Gesendete Objekte... training 1 PPT Drehscheibe... DIN Nürnberg 0... DGZFP online 03... Titelsammlun...

Internet 14:35

In 2003, the information platform was used more than 1000 times, more than 100 new users were registered and approx. 100 literature requests were delivered immediately. This shows that this sort of information platform is really needed by NDT experts in their daily work!

Further information under www.dgzfp.de/iz .