



NSSN – Search Engine for Standards “Federated Registry” of Standards Metadata

Open Forum for Standards Developers

Presented by

Bob Russotti

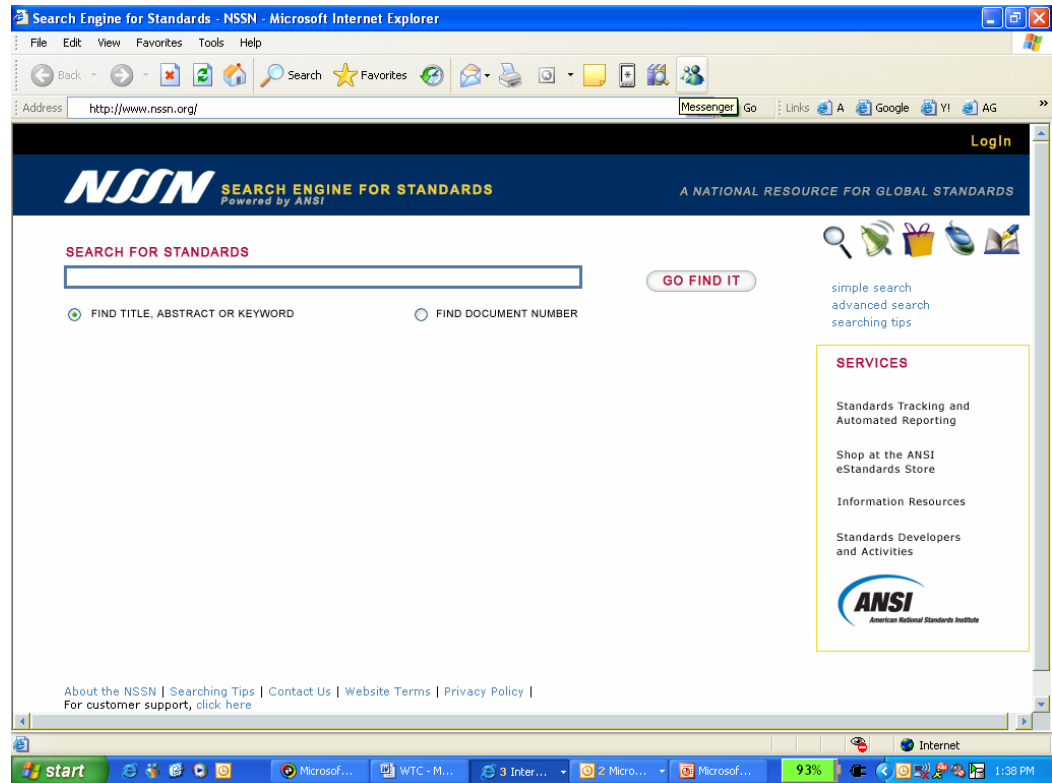
Director Online Marketing

**cooperation
collaboration
harmonization**

NSSN – Overview

National Resource for Global Standards

- ❑ NSSN – At a Glance
- ❑ Purpose
- ❑ Functions
- ❑ Demonstration



Search Engine

- ❑ A program that finds information on a computer network
- ❑ NSSN is a free, web-based information service from the American National Standards Institute
- ❑ Mid-1990's started as collaboration with SDO's, industry, government
- ❑ Multiple data sources



NSSN – At a Glance

- ❑ Search Engine for Standards and development projects
 - 275,000 documents
 - 600 Organizations
- ❑ Simple interface
- ❑ Extremely powerful search engine
- ❑ ASP Site License

"[The World Wide Web is] the only thing I know of whose shortened form — www — takes three times longer to say than what it's short for."

Douglas Adams, The Independent on Sunday, 1999

NSSN - Purpose

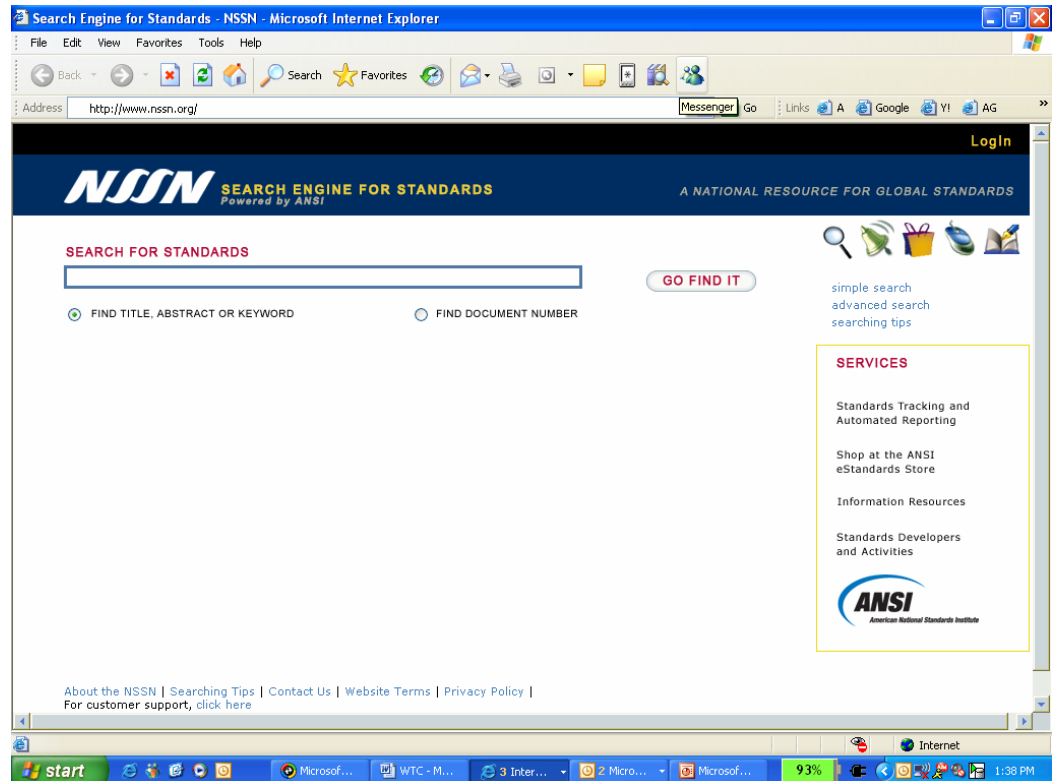
- Facilitates Access for Development and Use of Standards
 - Identify relevant publications, contacts
 - Determine current activities
 - Obtain many documents from one central location

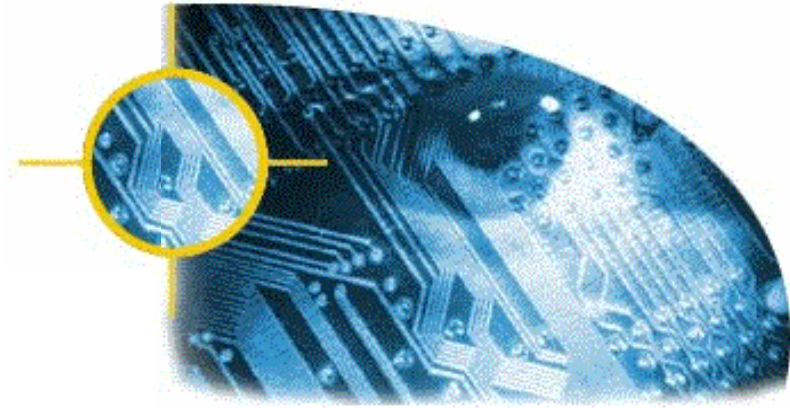
In the Southern United States the two syllable pronunciation of the letter w, "dub-ya", is often used resulting in "dub-ya, dub-ya, dub-ya"

Wikipedia

Functions

- ❑ Simple search
- ❑ Advanced search
- ❑ Tracking
- ❑ Links to other resources



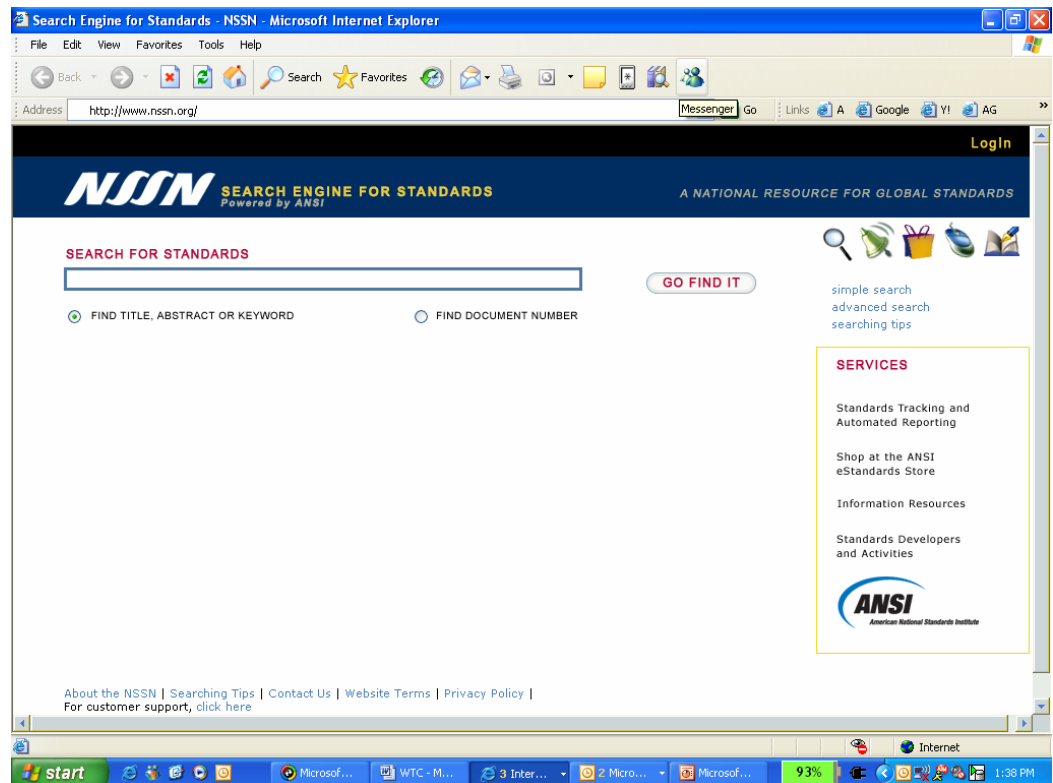


Benefits

- ❑ Orchestrate U.S. government agency, industry, consumer and academic efforts in global standardization
- ❑ Identify committees working on standards
- ❑ Determine standards similar to or referenced by, those standards that are critical to a specific program area (CFR)
- ❑ Integrate internal and external standards and related information

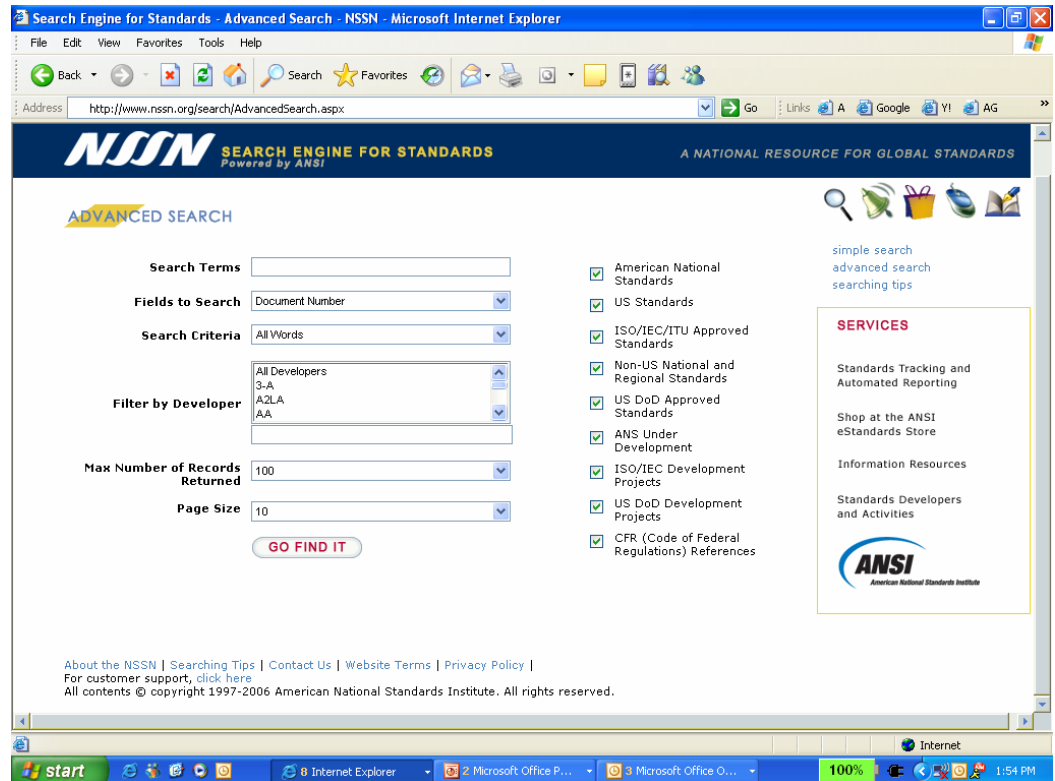
Simple Search – How it Works

- ❑ Document number
- ❑ Title, abstract, keyword



Advanced Search

- Parameters
 - fields
 - criteria
- Filters
 - developer
 - categories
- Results
 - limit records
 - adjust display



Summary Results

- ❑ Document number
- ❑ Title
- ❑ Developer
- ❑ Ordering information

The screenshot shows a Microsoft Internet Explorer browser window displaying the NSSN Search Engine for Standards website. The search term 'diamond' has been entered, and 173 records were found. The search results are displayed in a table with columns for Document #, Title, Developer, and Ordering Information. The table lists several standards related to diamond drills and wireline diamond core drilling equipment.

Document #	Title	Developer	Ordering Information
IEC 61029-2-6 Ed. 1.0 b:1993	Safety of transportable motor-operated electric tools - Part 2: Particular requirements for diamond drills with water supply	IEC	Buy Now
IEC 61029-2-7 Ed. 1.0 b:1993	Safety of transportable motor-operated electric tools - Part 2: Particular requirements for diamond saws with water supply	IEC	Buy Now
ISO 10097-1:1999	Wireline diamond core drilling equipment -- System A -- Part 1: Metric units	ISO	Buy Now
ISO 10097-2:1999	Wireline diamond core drilling equipment -- System A -- Part 2: Inch units	ISO	Buy Now
ISO 10098:1992	Wireline diamond core drilling equipment -- System CSSK	ISO	Buy Now
ISO 12844:1999	Raw optical glass -- Grindability with diamond pellets -- Test method and classification	ISO	Buy Now
ISO 16463:2004	Polycrystalline diamond inserts, tipped -- Dimensions, types	ISO	Buy Now
ISO 1832:2004	Indexable inserts for cutting tools -- Designation	ISO	Buy Now

Detailed Results

- ❑ Developer
- ❑ Document Number
- ❑ Title
- ❑ Scope
- ❑ Keywords, approval date, etc.
- ❑ Ordering Information

Detail Results - Microsoft Internet Explorer

Address: <http://test.nssn.org/search/DetailResults.aspx?docid=279174&selnode=>

NSSN SEARCH ENGINE FOR STANDARDS
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A NATIONAL RESOURCE FOR GLOBAL STANDARDS

LogIn

SEARCH RESULTS

IEC	International Electrotechnical Commission
Document #:	IEC 61029-2-6 Ed. 1.0 b:1993
Title:	Safety of transportable motor-operated electric tools - Part 2: Particular requirements for diamond drills with water supply
Scope:	Applies to transportable diamond drills with water supply having a drill bit diameter of not more than 250 mm.
Keywords:	
Committee:	61F
SDO Approval Date:	3/31/1993
ANSI Approval Date:	
Date File Updated in Database	May 5 2006 9:25AM
Ordering Information:	ANSI ESS ANSI Customer Service Phone: 212 642-4980 Email: ansionline@ansi.org

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advanced search
searching tips

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ANSI
American National Standards Institute

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For customer support, click here

Done

start

8 Internet Explorer

2 Microsoft Office P...

4 Microsoft Office O...

100%

Internet

2:36 PM

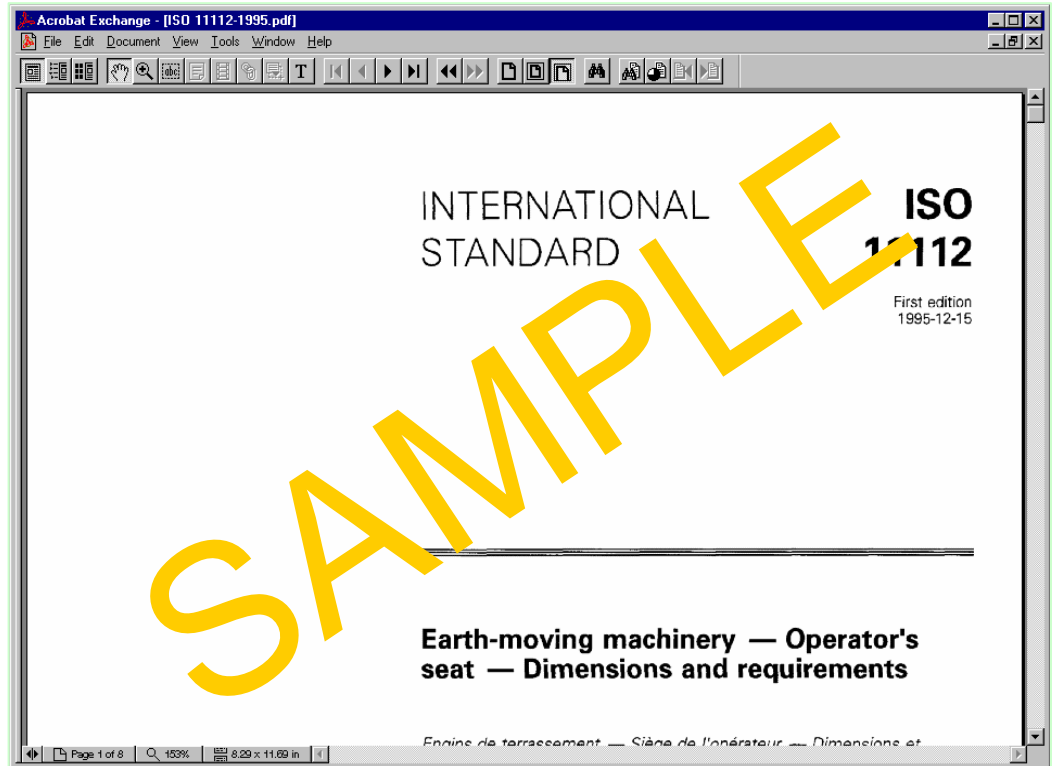
Network Site License

- ❑ One step download
- ❑ Managed application

The screenshot displays the NSN Search Engine for Standards interface. The search bar contains the text 'construction machinery' and a 'GO FIND IT' button. Below the search bar, there are two radio buttons: 'FIND TITLE, ABSTRACT OR KEYWORD' (selected) and 'FIND DOCUMENT NUMBER'. The search results section shows '109 records were found. (0.390 seconds)' and 'Page 1 of 11'. A table lists the search results with columns for Document #, Title, Developer, and Ordering Information. The table contains five rows of results, each with a 'Download' link in the Ordering Information column.

Document #	Title	Developer	Ordering Information
IEC 61496-3 Ed. 1.0 b:2001	Safety of machinery - Electro-sensitive protective equipment - Part 3: Particular requirements for Active Opto-electronic Protective Devices responsive to Diffuse Reflection (AOPDR)	IEC	Download
ISO 105-202:1993	Textiles -- Tests for colour fastness -- Part 202: Colour fastness to metals in the dye-bath: Iron and copper	ISO	Download
ISO 11375:1998	Building construction machinery and equipment -- Terms and definitions	ISO	Download
ISO 11886:2002	Building construction machinery and equipment -- Pile driving and extracting equipment -- Terminology and commercial specifications	ISO	Download
ISO 14120:2002	Safety of machinery -- Guards -- General requirements for the design and construction of fixed and movable guards	ISO	Download
ISO 15550:2002	Internal combustion engines -- Determination and method for the measurement of engine power -- General requirements	ISO	Download

Sample Standard



Cross-Referencing CFR

- ❑ References to Code of Federal Regulations (CFR)
- ❑ Information includes document number and title, text of the reference and applicable section of CFR
- ❑ Information provided by NIST

Detail Results - Microsoft Internet Explorer

Address: <http://www.nsn.org/search/DetailResults.aspx?docid=292091&selnode=0&sertoken=1e5a9af6-33ca-41b3-9f4a-6866654>

NSN SEARCH ENGINE FOR STANDARDS
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SEARCH RESULTS

IEC International Electrotechnical Commission	
Document #:	IEC 60079-0 Ed. 3.1 b:2000 (CFR Reference)
Title:	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
Scope:	This standard is referenced in the following section of the Code of Federal Regulations: 46 CFR 110.10-1. The reference reads as follows: IEC 79-0 This information was provided by the National Institute of Standards and Technology (NIST), an agency of the US Department of Commerce.
Keywords:	
Committee:	
SDO Approval Date:	
ANSI Approval Date:	
Date File Updated in Database	Apr 17 2006 8:43AM
Ordering Information:	NARA
Phone:	
Email:	

simple search
advanced search
searching tips

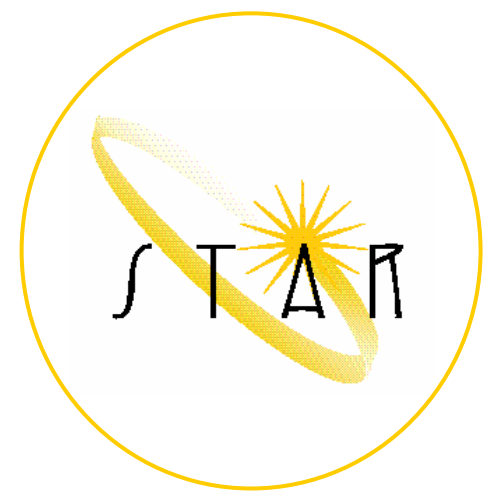
SERVICES

- Standards Tracking and Automated Reporting
- Shop at the ANSI eStandards Store
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ANSI
American National Standards Institute

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For customer support, click here

start Microsoft ... WTC - Mic ... 4 Interne ... 3 Microso ... 2 Microso ... 100% 3:53 PM



Standards Tracking & Automated Reporting

- ❑ Establish profiles for standards projects of interest
 - Automatically track changes in status of projects under development as ANS, MIL Spec, ISO or IEC
 - E-mail summary notifies user of updates

Standards Tracking & Automated Reporting (continued)



- ❑ Configure to track single standard or entire industry
- ❑ Convenient way to track current activity and versions of standards you use
 - Automatic tracking of product areas
 - Notification of changes in external documents that are integral to your products
 - Notification of draft standards and committee drafts at ISO and others

Conclusion

- ❑ www.nssn.org is a powerful search engine for standards and related standards activities
- ❑ Invite content and utilize as tool
- ❑ Configurable alerting, search tips, other resources
- ❑ Site licenses

More Information . . .

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