



IHS Markit™

# Engineering Workbench Quick Start Guide

Getting started with the IHS Markit solution for standards management and technical knowledge discovery

Introducing you to capabilities for finding, using and managing industry standards and other technical reference information in Engineering Workbench

*Updated April 28, 2017\_Rev2. Covers features through Release 2.0.*

FR

DE

ES

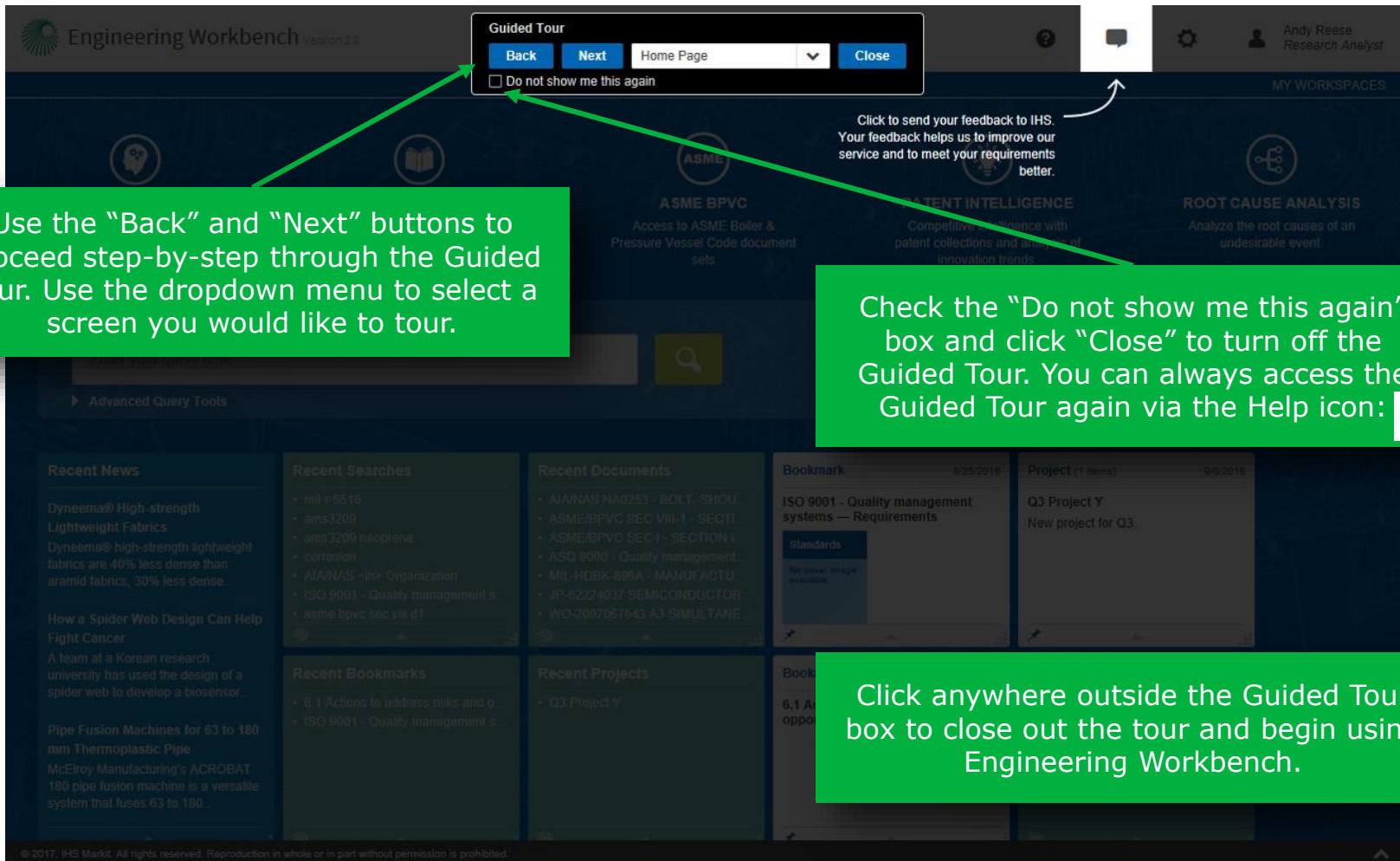
JA

RU

ZH

# Get In-Product Help

*Guided Tour walks a user through key screens and functionality*



Use the "Back" and "Next" buttons to proceed step-by-step through the Guided Tour. Use the dropdown menu to select a screen you would like to tour.

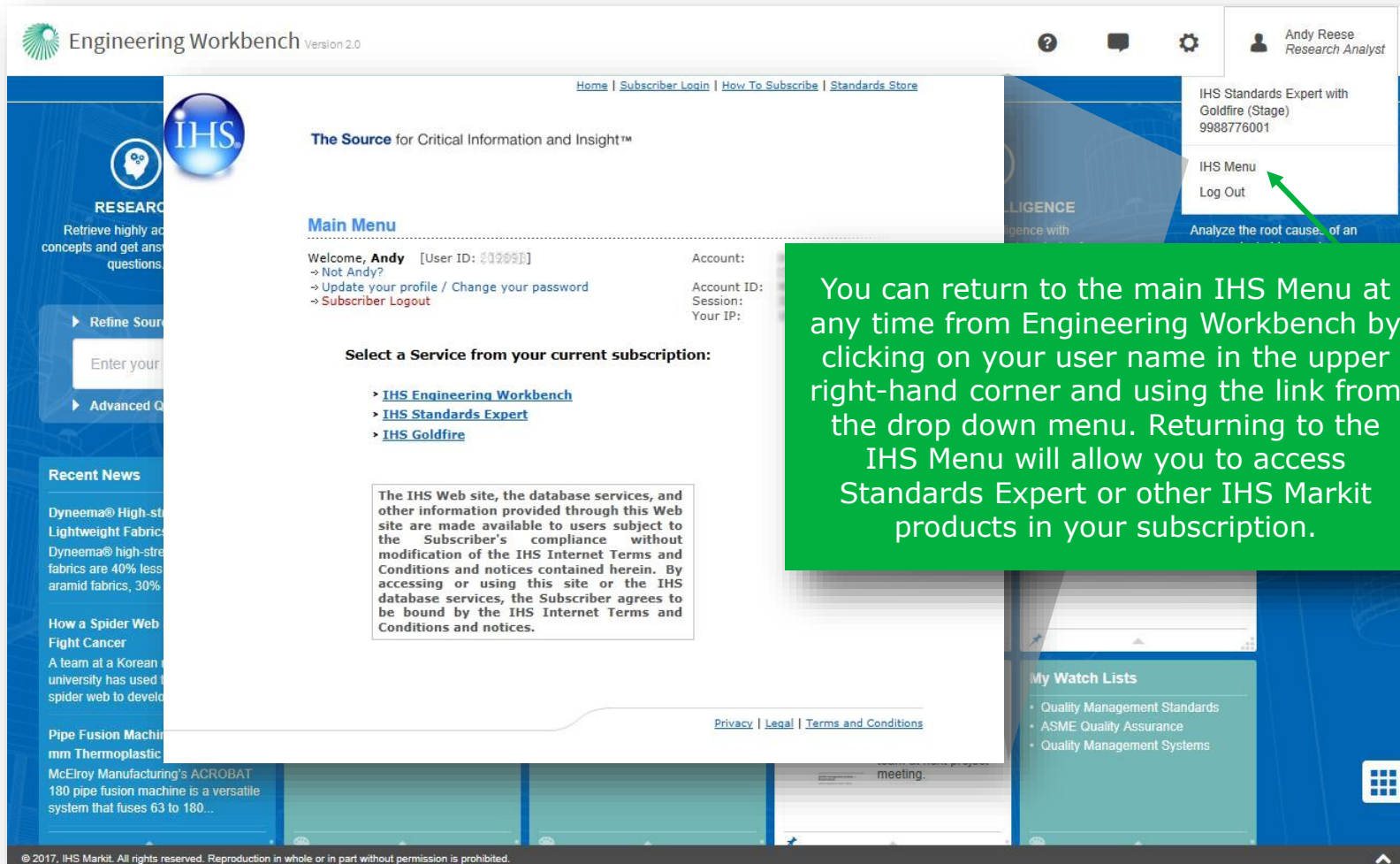
Click to send your feedback to IHS. Your feedback helps us to improve our service and to meet your requirements better.

Check the "Do not show me this again" box and click "Close" to turn off the Guided Tour. You can always access the Guided Tour again via the Help icon: ?

Click anywhere outside the Guided Tour box to close out the tour and begin using Engineering Workbench.

# Getting Back to the Main IHS Menu

*Return to the IHS Menu to access Standards Expert or other IHS Markit products*

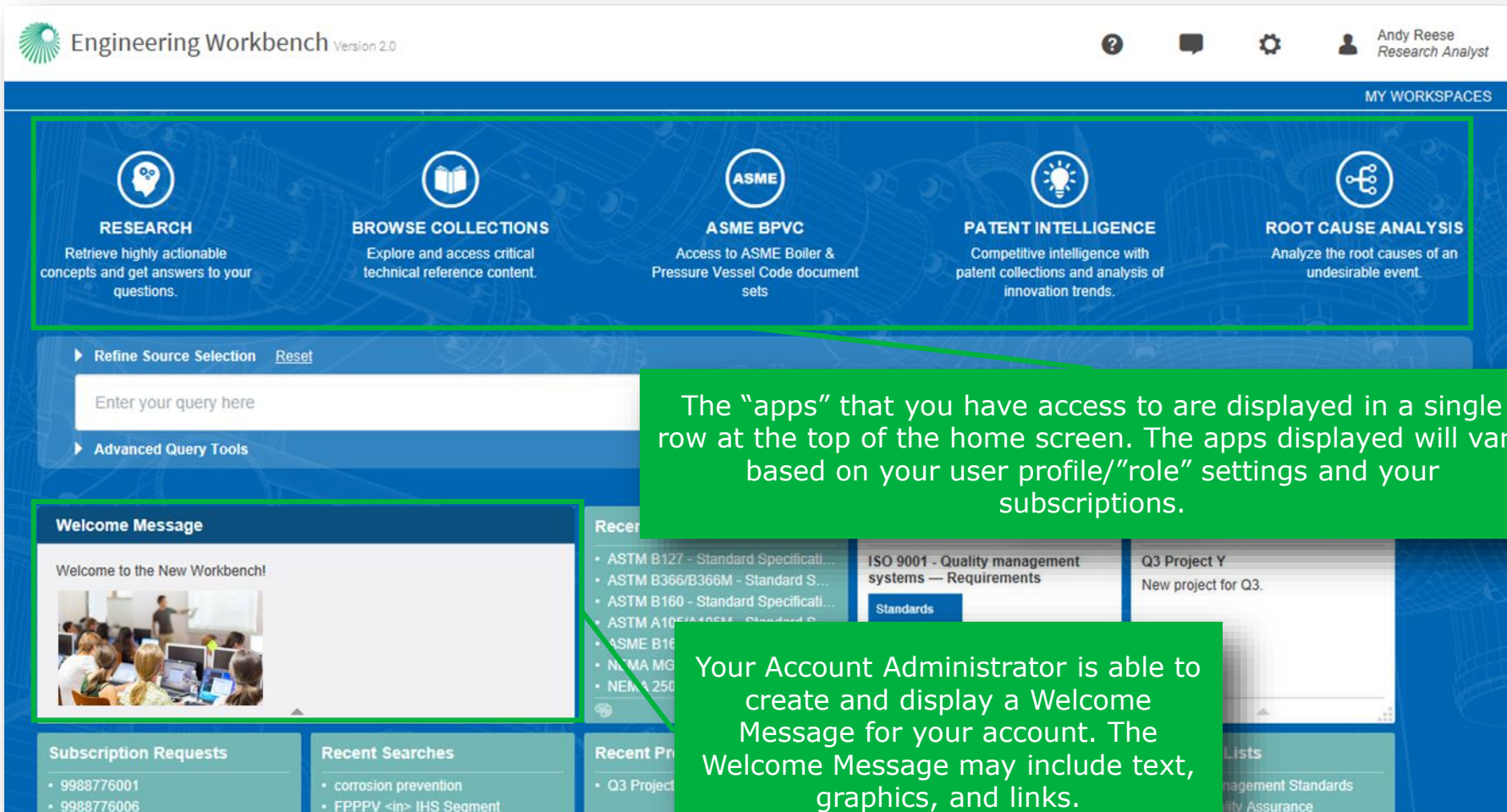


The screenshot shows the Engineering Workbench website interface. In the top right corner, the user name "Andy Reese" is displayed. A dropdown menu is open, showing options for "IHS Standards Expert with Goldfire (Stage)", "IHS Menu", and "Log Out". A green arrow points to the "IHS Menu" option. A green callout box contains the following text:

You can return to the main IHS Menu at any time from Engineering Workbench by clicking on your user name in the upper right-hand corner and using the link from the drop down menu. Returning to the IHS Menu will allow you to access Standards Expert or other IHS Markit products in your subscription.

# Home Screen

## Welcome Message and "Apps" Display



The screenshot shows the Engineering Workbench home screen. At the top, there is a navigation bar with the logo, version number (2.0), and user information (Andy Reese, Research Analyst). Below this is a row of five app tiles: RESEARCH, BROWSE COLLECTIONS, ASME BPVC, PATENT INTELLIGENCE, and ROOT CAUSE ANALYSIS. A search bar is located below the app tiles. At the bottom, there is a 'Welcome Message' section with a video thumbnail, and several other sections like 'Subscription Requests', 'Recent Searches', and 'Recent Projects'.

The "apps" that you have access to are displayed in a single row at the top of the home screen. The apps displayed will vary based on your user profile/"role" settings and your subscriptions.

Your Account Administrator is able to create and display a Welcome Message for your account. The Welcome Message may include text, graphics, and links.

## View Your Current Subaccount and User "Role"

*Role is displayed beneath user name. View subaccount by hovering over name*

It's easy for you to see which subaccount you are signed into in Engineering Workbench, as well as your current selected user profile, or "role," in Engineering Workbench.

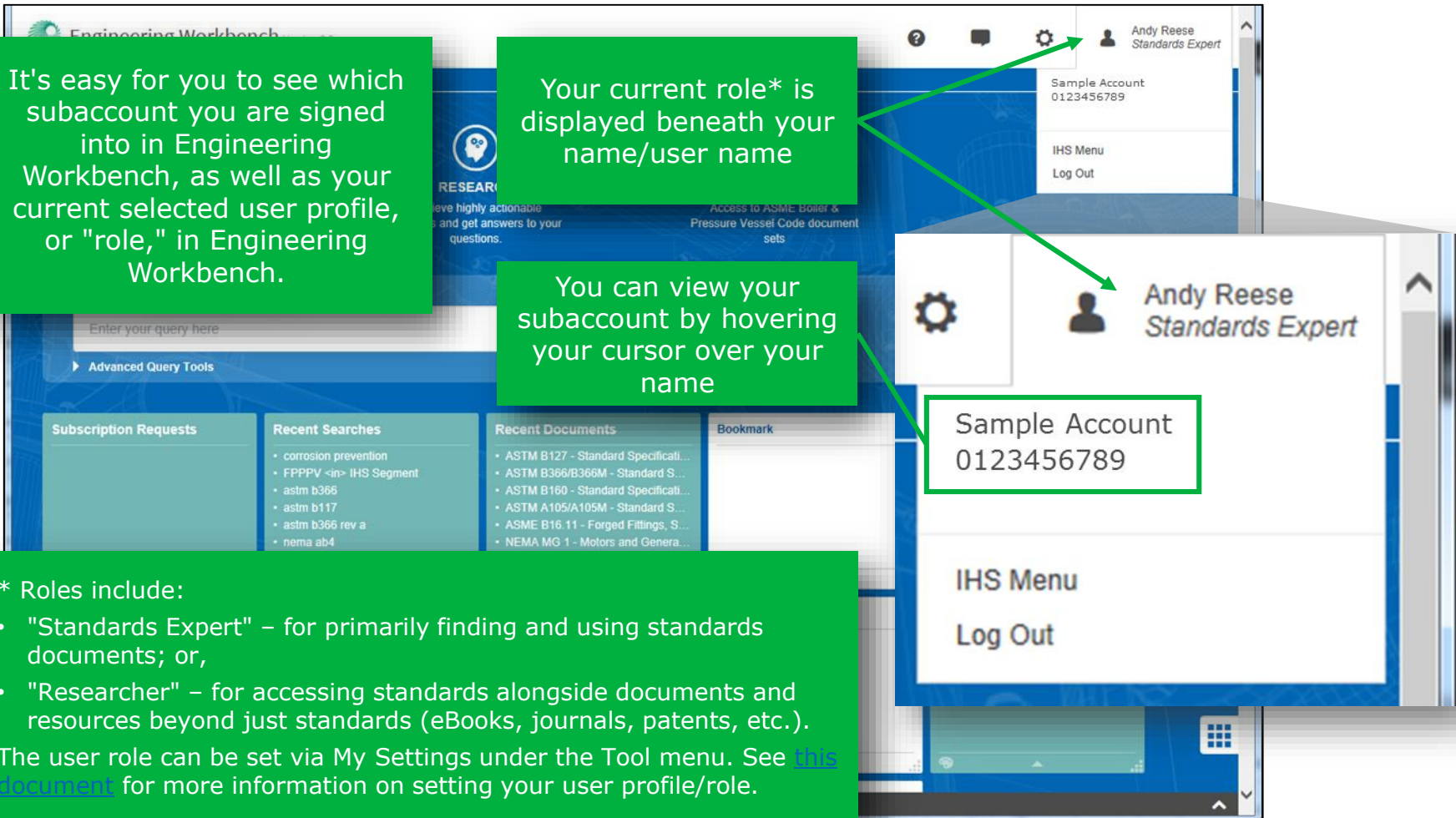
Your current role\* is displayed beneath your name/user name

You can view your subaccount by hovering your cursor over your name

\* Roles include:

- "Standards Expert" – for primarily finding and using standards documents; or,
- "Researcher" – for accessing standards alongside documents and resources beyond just standards (eBooks, journals, patents, etc.).

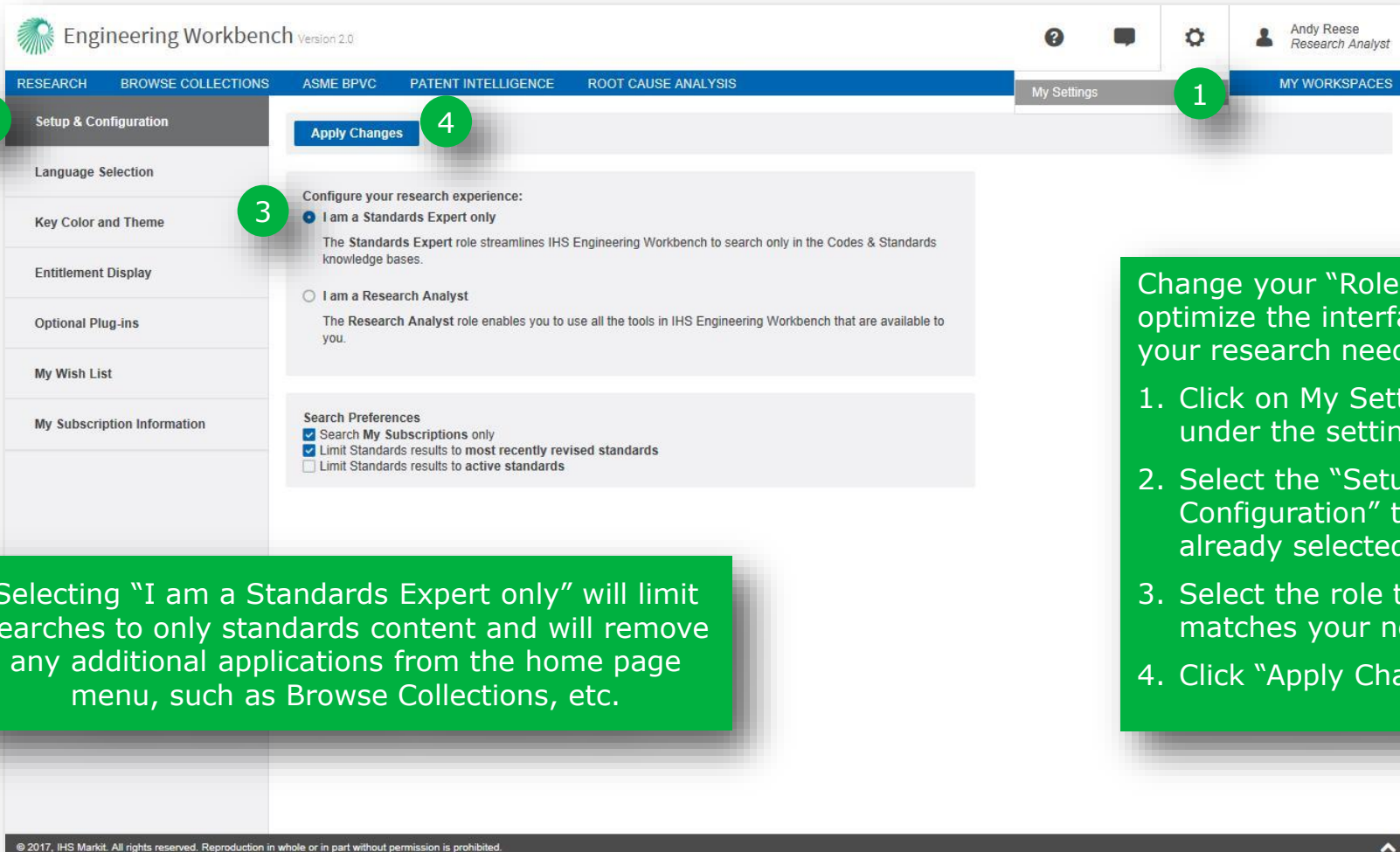
The user role can be set via My Settings under the Tool menu. See [this document](#) for more information on setting your user profile/role.



The screenshot shows the Engineering Workbench interface. In the top right corner, the user profile 'Andy Reese Standards Expert' is visible. A dropdown menu is open, showing the user's name and role, the subaccount 'Sample Account 0123456789', and options for 'IHS Menu' and 'Log Out'. Green callout boxes provide instructions on how to view the subaccount and role.

# Set Your User Profile

Choose the user profile that matches your research needs



Engineering Workbench Version 2.0

RESEARCH BROWSE COLLECTIONS ASME BPVC PATENT INTELLIGENCE ROOT CAUSE ANALYSIS

My Settings **1** MY WORKSPACES

**2** Setup & Configuration

Language Selection

Key Color and Theme **3**

Entitlement Display

Optional Plug-ins

My Wish List

My Subscription Information

**4** Apply Changes

Configure your research experience:

I am a Standards Expert only  
The Standards Expert role streamlines IHS Engineering Workbench to search only in the Codes & Standards knowledge bases.

I am a Research Analyst  
The Research Analyst role enables you to use all the tools in IHS Engineering Workbench that are available to you.

Search Preferences

Search My Subscriptions only

Limit Standards results to most recently revised standards

Limit Standards results to active standards

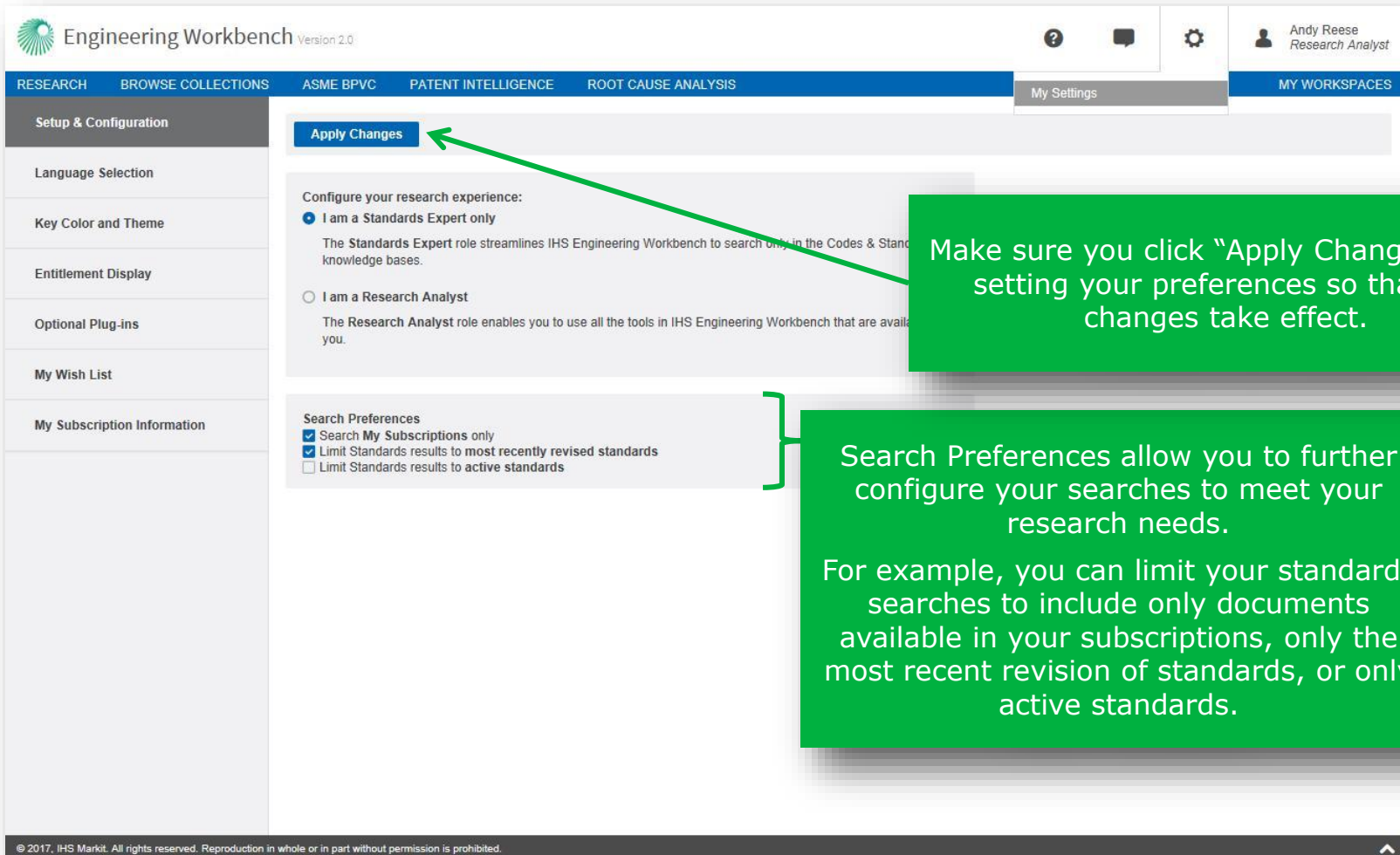
Change your "Role" to optimize the interface for your research needs:

1. Click on My Setting under the settings icon
2. Select the "Setup & Configuration" tab if not already selected
3. Select the role that matches your needs
4. Click "Apply Changes"

Selecting "I am a Standards Expert only" will limit searches to only standards content and will remove any additional applications from the home page menu, such as Browse Collections, etc.

# Set Your User Profile

Set your Search Preferences to better suit your research requirements



Engineering Workbench Version 2.0

Andy Reese  
Research Analyst

RESEARCH BROWSE COLLECTIONS ASME BPVC PATENT INTELLIGENCE ROOT CAUSE ANALYSIS

My Settings MY WORKSPACES

Setup & Configuration

Language Selection

Key Color and Theme

Entitlement Display

Optional Plug-ins

My Wish List

My Subscription Information

**Apply Changes**

Configure your research experience:

- I am a Standards Expert only  
The **Standards Expert** role streamlines IHS Engineering Workbench to search only in the Codes & Standards knowledge bases.
- I am a Research Analyst  
The **Research Analyst** role enables you to use all the tools in IHS Engineering Workbench that are available to you.

**Search Preferences**

- Search My Subscriptions only
- Limit Standards results to most recently revised standards
- Limit Standards results to active standards

Make sure you click "Apply Changes" after setting your preferences so that the changes take effect.

Search Preferences allow you to further configure your searches to meet your research needs.

For example, you can limit your standards searches to include only documents available in your subscriptions, only the most recent revision of standards, or only active standards.

# Searching

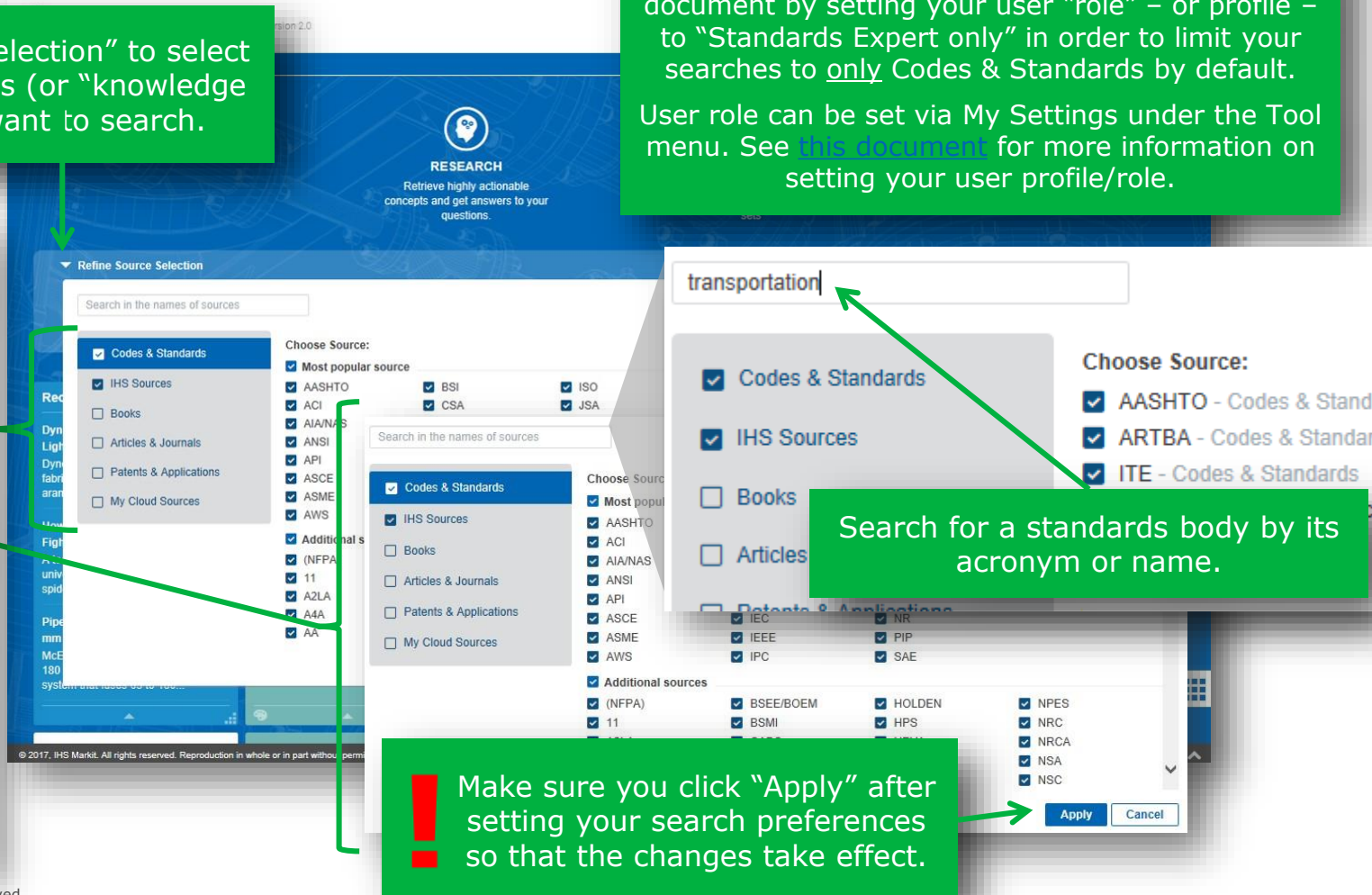
Select content collections to search

Use "Refine Source Selection" to select the content collections (or "knowledge bases") that you want to search.

Select knowledge bases to search by clicking on the appropriate tab and selecting the collections to search. For example, you can limit your search to specific standards bodies by only checking "Codes & Standards" and then checking only the desired standards bodies to include in your search.

Just want to find a standard?

You can quickly and easily find a standard document by setting your user "role" – or profile – to "Standards Expert only" in order to limit your searches to only Codes & Standards by default. User role can be set via My Settings under the Tool menu. See [this document](#) for more information on setting your user profile/role.



SEARCH

Retrieve highly actionable concepts and get answers to your questions.

Refine Source Selection

Search in the names of sources

Codes & Standards

Books

Articles & Journals

Patents & Applications

My Cloud Sources

Choose Source:

Most popular source

AASHTO

ACI

AIA/NAS

ANSI

API

ASCE

ASME

AWS

Additional sources

(NFPA)

11

A2LA

A4A

AA

BS

BSI

CSA

ISO

JSA

Search in the names of sources

transportation

Codes & Standards

IHS Sources

Books

Articles

Patents & Applications

Choose Source:

AASHTO - Codes & Stand

ARTBA - Codes & Standar

ITE - Codes & Standards

IEC

IEEE

IPC

NR

PIP

SAE

(NFPA)

11

BSEE/BOEM

BSMI

HOLDEN

HPS

NPES

NRC

NRCA

NSA

NSC

Make sure you click "Apply" after setting your search preferences so that the changes take effect.

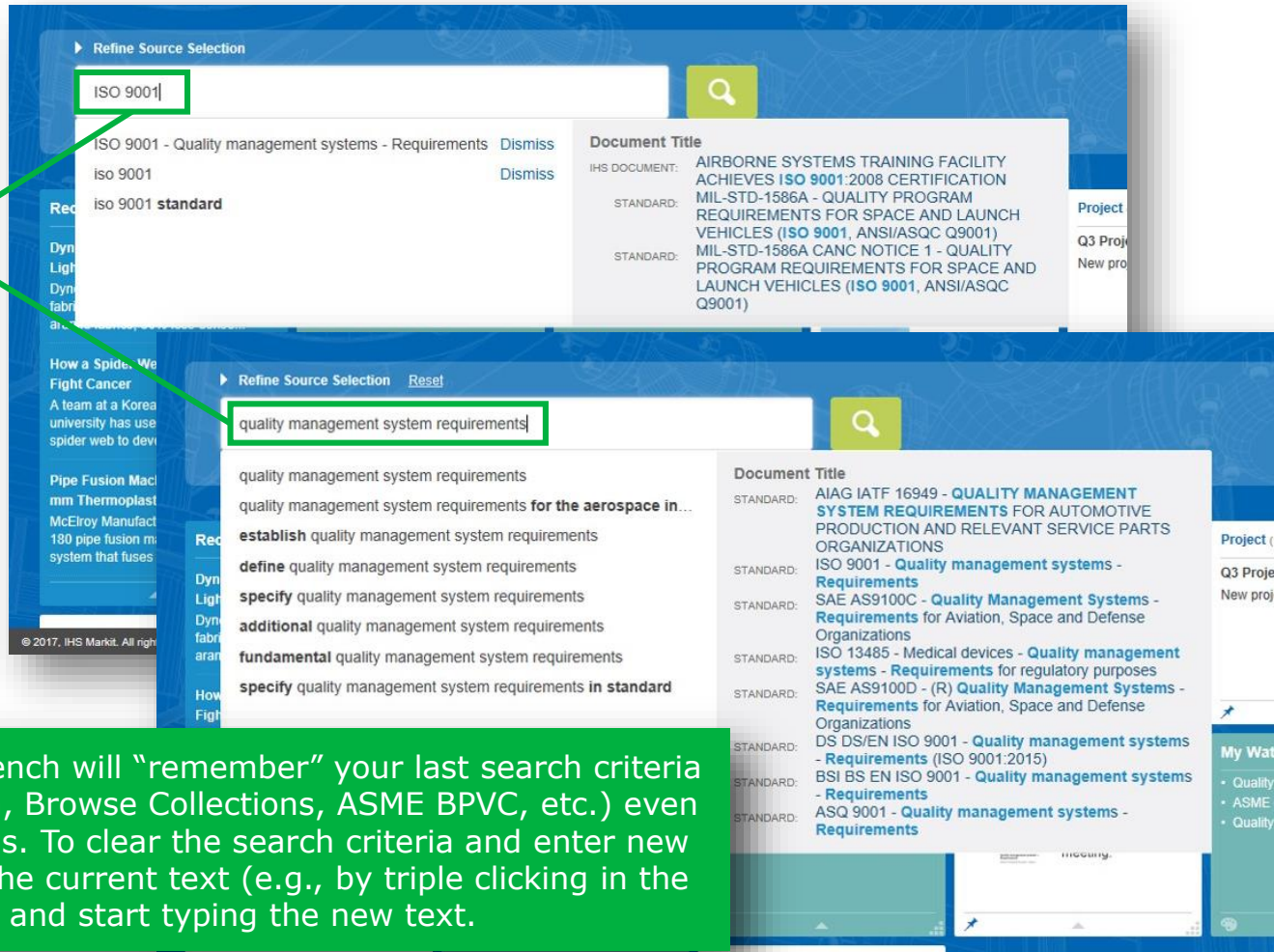
Apply Cancel



# Searching

Enter your search terms in the "Intelligent Search Box"

The Intelligent Search Box automatically distinguishes between a standard document number and keywords.



**Refine Source Selection**

ISO 9001

- ISO 9001 - Quality management systems - Requirements
- iso 9001
- iso 9001 **standard**

**Document Title**

IHS DOCUMENT: AIRBORNE SYSTEMS TRAINING FACILITY ACHIEVES ISO 9001:2008 CERTIFICATION

STANDARD: MIL-STD-1586A - QUALITY PROGRAM REQUIREMENTS FOR SPACE AND LAUNCH VEHICLES (ISO 9001, ANSI/ASQC Q9001)

STANDARD: MIL-STD-1586A CANC NOTICE 1 - QUALITY PROGRAM REQUIREMENTS FOR SPACE AND LAUNCH VEHICLES (ISO 9001, ANSI/ASQC Q9001)

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**Refine Source Selection** [Reset](#)

quality management system requirements

- quality management system requirements for the aerospace in...
- establish** quality management system requirements
- define** quality management system requirements
- specify** quality management system requirements
- additional** quality management system requirements
- fundamental** quality management system requirements
- specify** quality management system requirements in standard

**Document Title**

STANDARD: AIAG IATF 16949 - **QUALITY MANAGEMENT SYSTEM REQUIREMENTS** FOR AUTOMOTIVE PRODUCTION AND RELEVANT SERVICE PARTS ORGANIZATIONS

STANDARD: ISO 9001 - **Quality management systems - Requirements**

STANDARD: SAE AS9100C - **Quality Management Systems - Requirements** for Aviation, Space and Defense Organizations

STANDARD: ISO 13485 - Medical devices - **Quality management systems - Requirements** for regulatory purposes

STANDARD: SAE AS9100D - (R) **Quality Management Systems - Requirements** for Aviation, Space and Defense Organizations

STANDARD: DS DS/EN ISO 9001 - **Quality management systems - Requirements** (ISO 9001:2015)

STANDARD: BSI BS EN ISO 9001 - **Quality management systems - Requirements**

STANDARD: ASQ 9001 - **Quality management systems - Requirements**

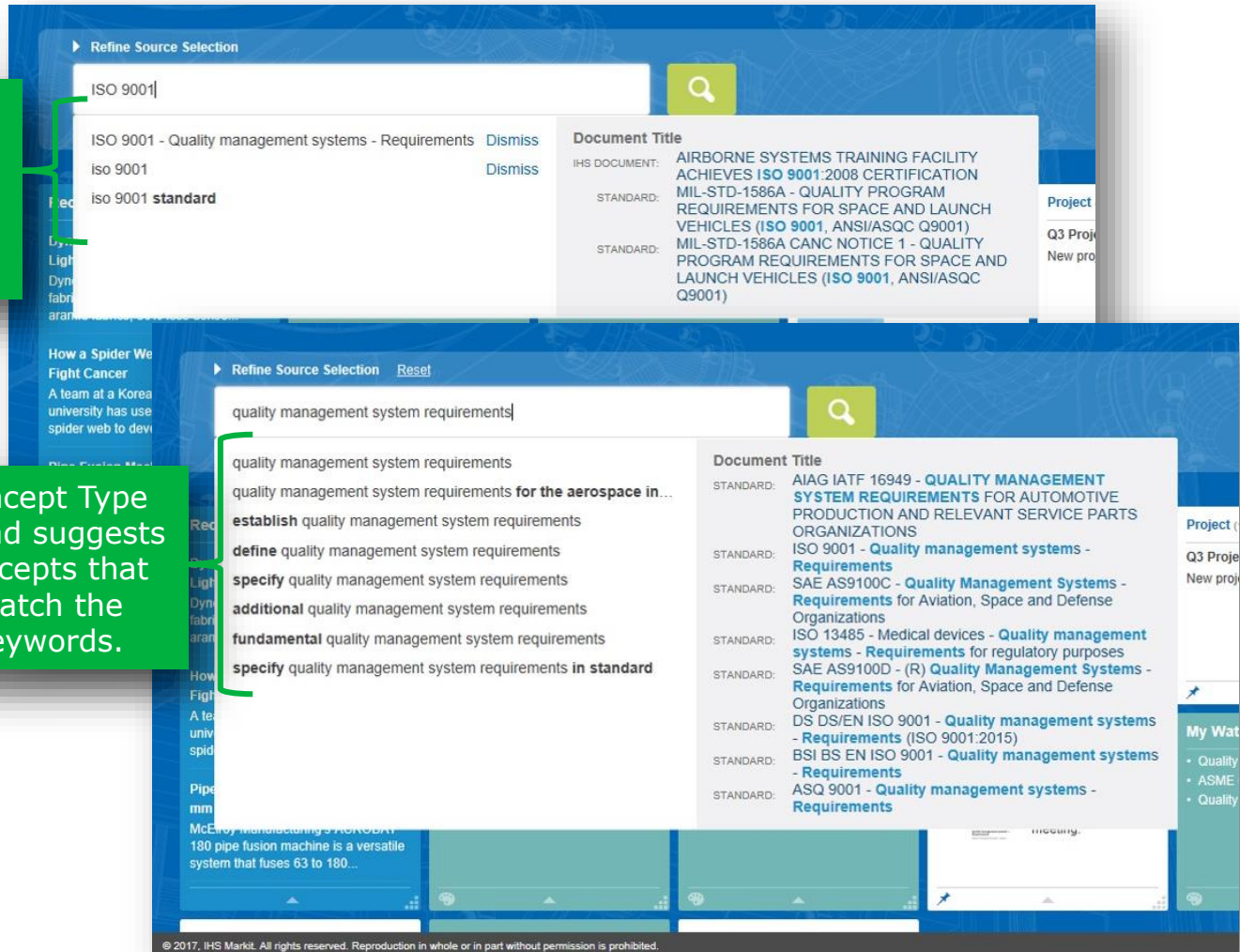
NOTE: Engineering Workbench will "remember" your last search criteria in a given "app" (Research, Browse Collections, ASME BPVC, etc.) even if you switch between apps. To clear the search criteria and enter new criteria, simply highlight the current text (e.g., by triple clicking in the Search Box) and start typing the new text.

# Searching

## "Intelligent Search Box" & Query Type Ahead

Document Type Ahead suggests standards documents that match the document number.

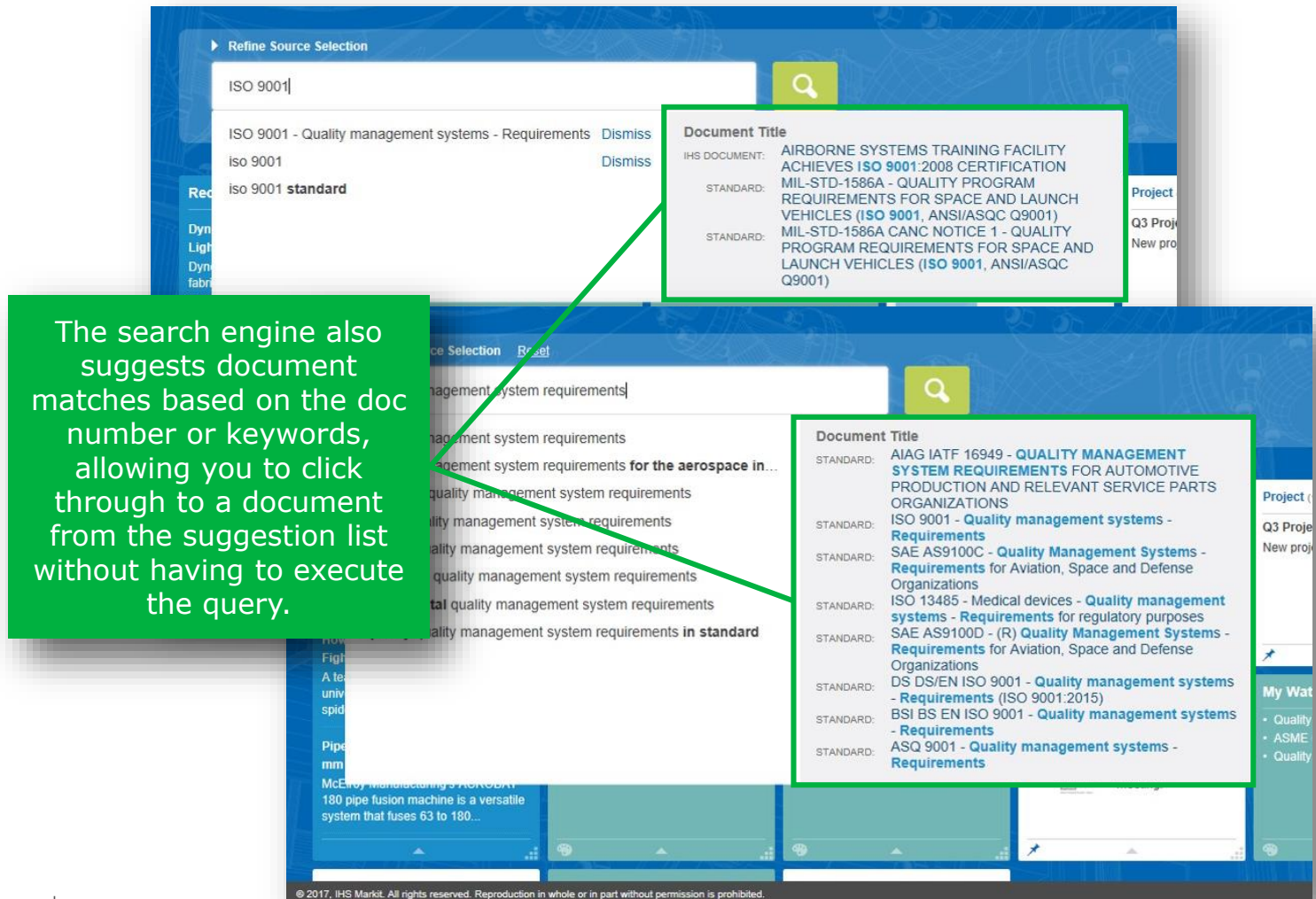
Concept Type Ahead suggests concepts that match the keywords.



The screenshot displays two instances of the search interface. The top instance shows a search for 'ISO 9001' with a dropdown menu listing 'ISO 9001 - Quality management systems - Requirements', 'iso 9001', and 'iso 9001 standard'. A 'Document Title' panel on the right lists several documents including 'AIRBORNE SYSTEMS TRAINING FACILITY ACHIEVES ISO 9001:2008 CERTIFICATION' and 'MIL-STD-1586A - QUALITY PROGRAM REQUIREMENTS FOR SPACE AND LAUNCH VEHICLES (ISO 9001, ANSI/ASQC Q9001)'. The bottom instance shows a search for 'quality management system requirements' with a dropdown menu listing various concepts such as 'quality management system requirements for the aerospace in...', 'establish quality management system requirements', 'define quality management system requirements', 'specify quality management system requirements', 'additional quality management system requirements', 'fundamental quality management system requirements', and 'specify quality management system requirements in standard'. A 'Document Title' panel on the right lists documents like 'AIAG IATF 16949 - QUALITY MANAGEMENT SYSTEM REQUIREMENTS FOR AUTOMOTIVE PRODUCTION AND RELEVANT SERVICE PARTS ORGANIZATIONS' and 'ISO 9001 - Quality management systems - Requirements'.

# Searching

## "Intelligent Search Box" & Query Type Ahead



The search engine also suggests document matches based on the document number or keywords, allowing you to click through to a document from the suggestion list without having to execute the query.

**Document Title**  
 IHS DOCUMENT: AIRBORNE SYSTEMS TRAINING FACILITY ACHIEVES ISO 9001:2008 CERTIFICATION  
 STANDARD: MIL-STD-1586A - QUALITY PROGRAM REQUIREMENTS FOR SPACE AND LAUNCH VEHICLES (ISO 9001, ANSI/ASQC Q9001)  
 STANDARD: MIL-STD-1586A CANC NOTICE 1 - QUALITY PROGRAM REQUIREMENTS FOR SPACE AND LAUNCH VEHICLES (ISO 9001, ANSI/ASQC Q9001)

**Document Title**  
 STANDARD: AIAG IATF 16949 - QUALITY MANAGEMENT SYSTEM REQUIREMENTS FOR AUTOMOTIVE PRODUCTION AND RELEVANT SERVICE PARTS ORGANIZATIONS  
 STANDARD: ISO 9001 - Quality management systems - Requirements  
 STANDARD: SAE AS9100C - Quality Management Systems - Requirements for Aviation, Space and Defense Organizations  
 STANDARD: ISO 13485 - Medical devices - Quality management systems - Requirements for regulatory purposes  
 STANDARD: SAE AS9100D - (R) Quality Management Systems - Requirements for Aviation, Space and Defense Organizations  
 STANDARD: DS DS/EN ISO 9001 - Quality management systems - Requirements (ISO 9001:2015)  
 STANDARD: BSI BS EN ISO 9001 - Quality management systems - Requirements  
 STANDARD: ASQ 9001 - Quality management systems - Requirements

# Searching

## Use Advanced Query Tools

▶ Refine Source Selection  
 EN Enter your query here Go

▼ Advanced Query Tools  
 Advanced Query Query Builder Recent Queries Saved Queries

Search My Subscriptions only  
 Limit Standards results to **most recently revised standards**  
 Limit Standards results to **active standards**

Add as many advanced filters as you want to refine your query

Show only results that:

Include ▼ Title: ▼   
 Include ▼ Organization & Publis... ▼ Select organization from list  
 Enter publisher  
 Include ▼ Document Number (... ▼   
 Include ▼ Publication Dates: ▼ Between ▼  and   
 Include ▼ Document Status: ▼ Select from list  
 Include ▼ Authors or Editors: ▼   
 Include ▼ Site or Domain: ▼

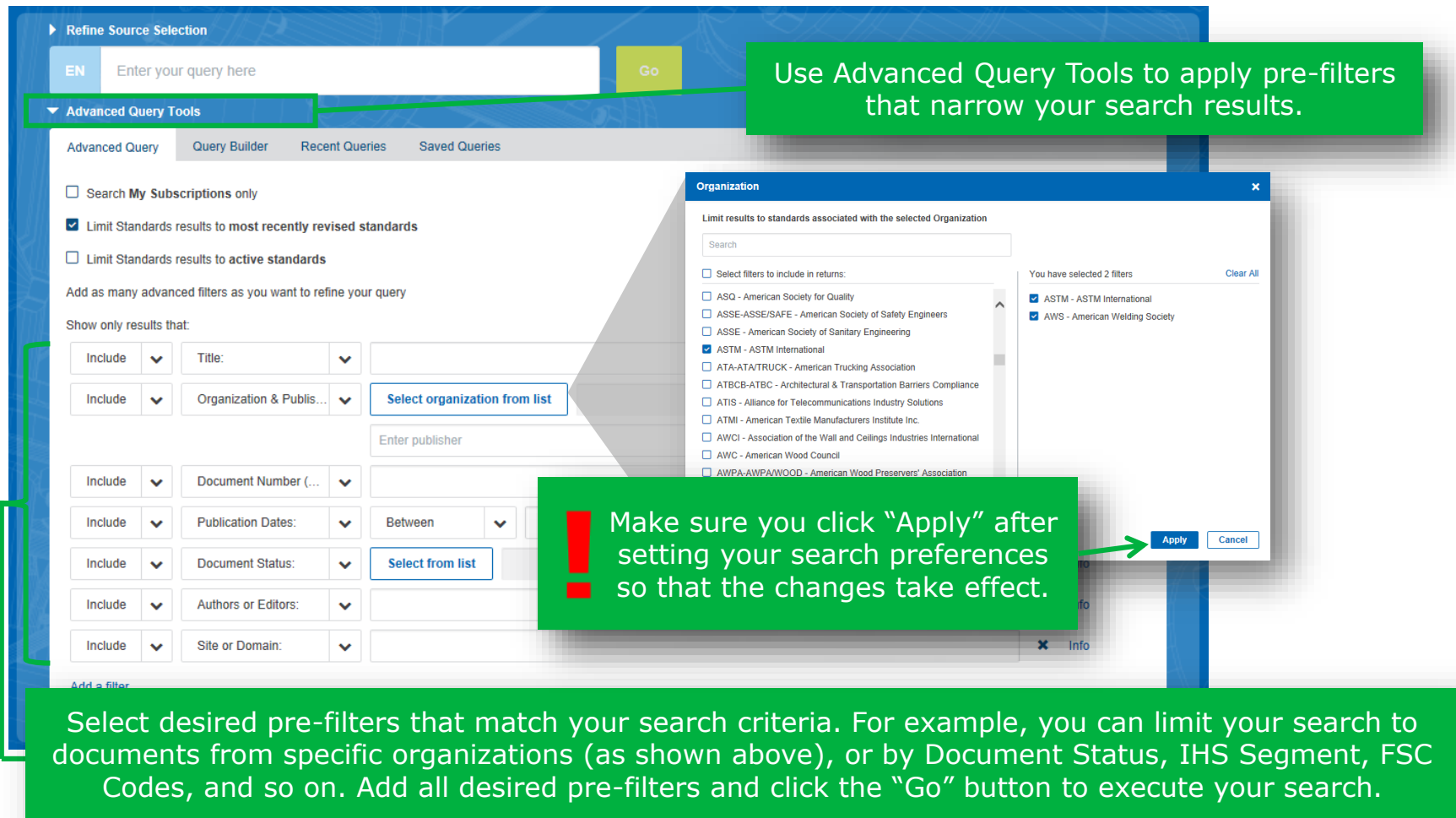
[Add a filter](#)

The Advanced Query Tools allow you to build complex queries, and view Recent Queries and Saved Queries.

Note options to limit searches only to documents in your subscriptions, and to return only the most recent revisions and/or active standards.

# Searching

*Standards-specific pre-filters allow you to find documents faster*



**Use Advanced Query Tools to apply pre-filters that narrow your search results.**

**Make sure you click "Apply" after setting your search preferences so that the changes take effect.**

Select desired pre-filters that match your search criteria. For example, you can limit your search to documents from specific organizations (as shown above), or by Document Status, IHS Segment, FSC Codes, and so on. Add all desired pre-filters and click the "Go" button to execute your search.

# Search Results Display

## Table View

The Table View lists Document Number, Title, Status, Publication Date and more in a grid format, making it easy to quickly identify a required document.

Toggle between List View and Table View using the appropriate icon.

Filter result by








Show results for:


All Sources  
 My Subscriptions

Summary  
Save to My Workspaces  
Bookmark Document

History  
Add to watch list

Select Multiple Results

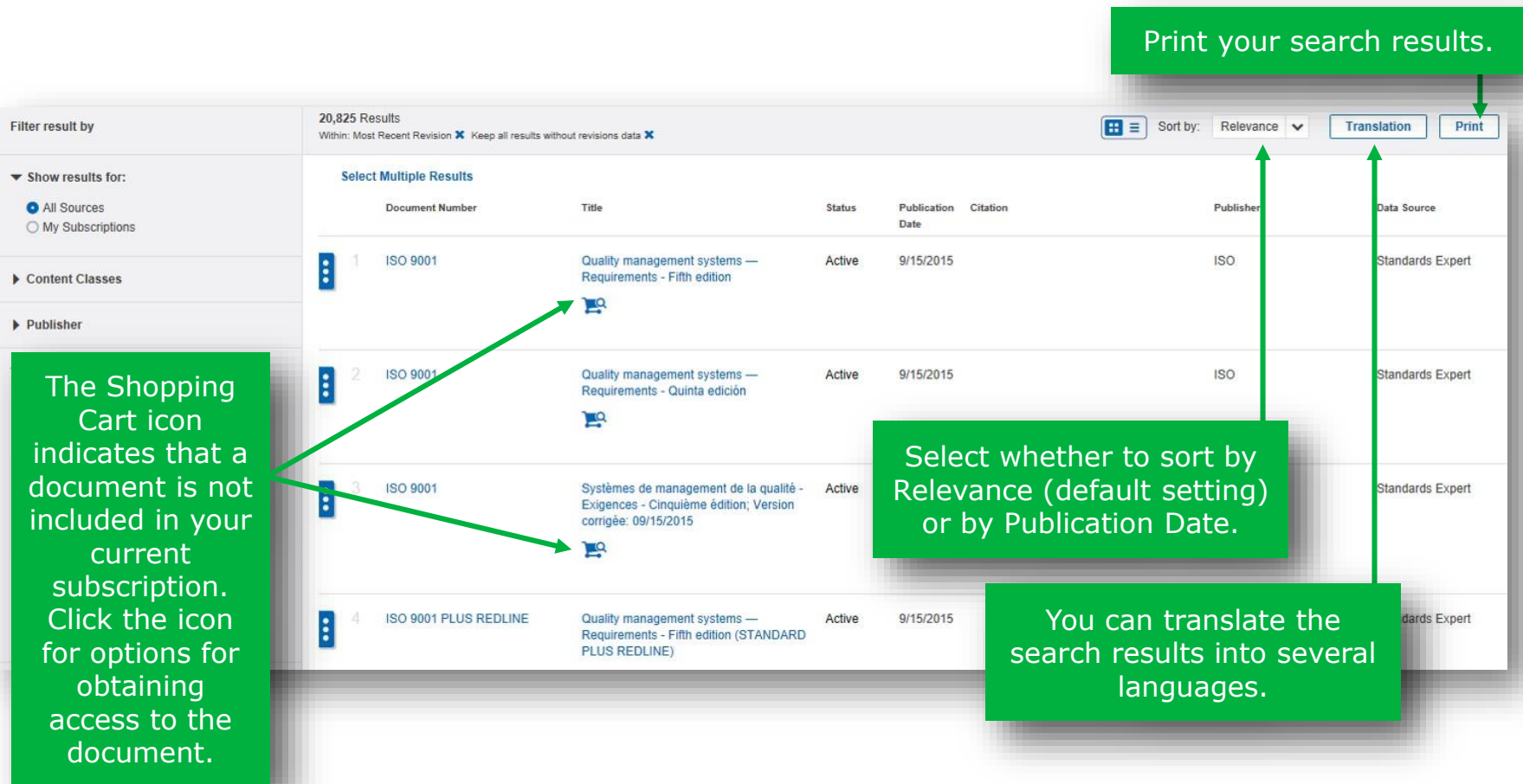
	Document Number	Title	Status	Publication Date	Citation	Publisher	Data Source
	1 ISO 9001	Quality management systems — Requirements - Fifth edition 	Active	9/15/2015		ISO	Standards Expert
	2 ISO 9001	Quality management systems — Requirements - Quinta edición 	Active	9/15/2015		ISO	Standards Expert
	3 ISO 9001	Systèmes de management de la qualité - Exigences - Cinquième édition; Version corrigée: 09/15/2015 	Active	9/15/2015		ISO	Standards Expert
	4 ISO 9001 PLUS REDLINE	Quality management systems — Requirements - Fifth edition (STANDARD PLUS REDLINE)	Active	9/15/2015		ISO	Standards Expert

Sort by: Relevance  Translation Print

Click on this icon for easy access to document information and Save, Export and Bookmark capabilities.

# Search Results Display

## Table View



**Print your search results.**

**The Shopping Cart icon indicates that a document is not included in your current subscription. Click the icon for options for obtaining access to the document.**

**Select whether to sort by Relevance (default setting) or by Publication Date.**

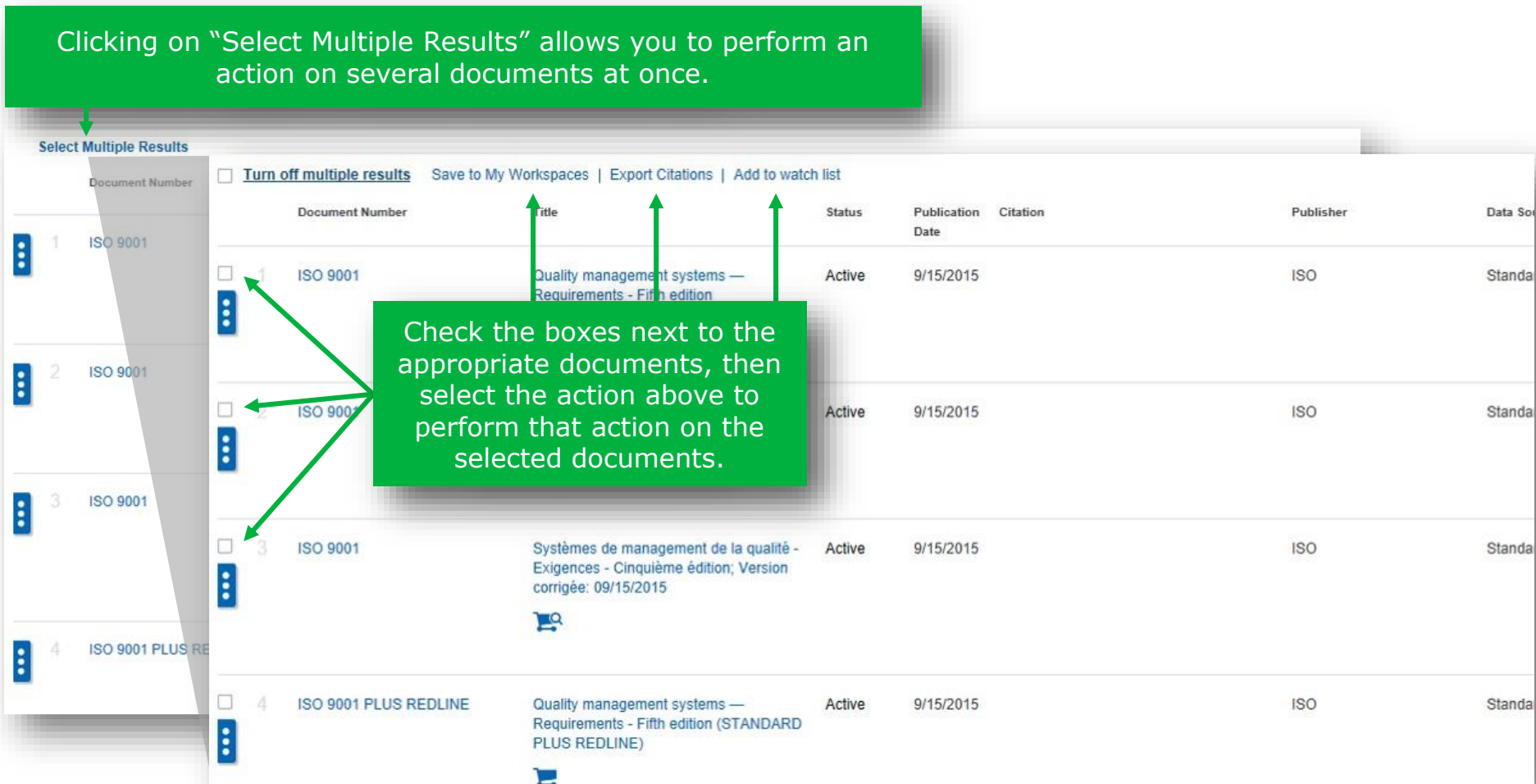
**You can translate the search results into several languages.**

Document Number	Title	Status	Publication Date	Citation	Publisher	Data Source
1 ISO 9001	Quality management systems — Requirements - Fifth edition	Active	9/15/2015		ISO	Standards Expert
2 ISO 9001	Quality management systems — Requirements - Quinta edición	Active	9/15/2015		ISO	Standards Expert
3 ISO 9001	Systèmes de management de la qualité - Exigences - Cinquième édition; Version corrigée: 09/15/2015	Active				Standards Expert
4 ISO 9001 PLUS REDLINE	Quality management systems — Requirements - Fifth edition (STANDARD PLUS REDLINE)	Active	9/15/2015			Standards Expert

# Search Results Display

## Table View

Clicking on "Select Multiple Results" allows you to perform an action on several documents at once.



**Select Multiple Results**

**Turn off multiple results** | [Save to My Workspaces](#) | [Export Citations](#) | [Add to watch list](#)

Document Number	Title	Status	Publication Date	Citation	Publisher	Data Source
1 ISO 9001	Quality management systems — Requirements - Fifth edition	Active	9/15/2015		ISO	Standard
2 ISO 9001		Active	9/15/2015		ISO	Standard
3 ISO 9001	Systèmes de management de la qualité - Exigences - Cinquième édition; Version corrigée: 09/15/2015	Active	9/15/2015		ISO	Standard
4 ISO 9001 PLUS REDLINE	Quality management systems — Requirements - Fifth edition (STANDARD PLUS REDLINE)	Active	9/15/2015		ISO	Standard

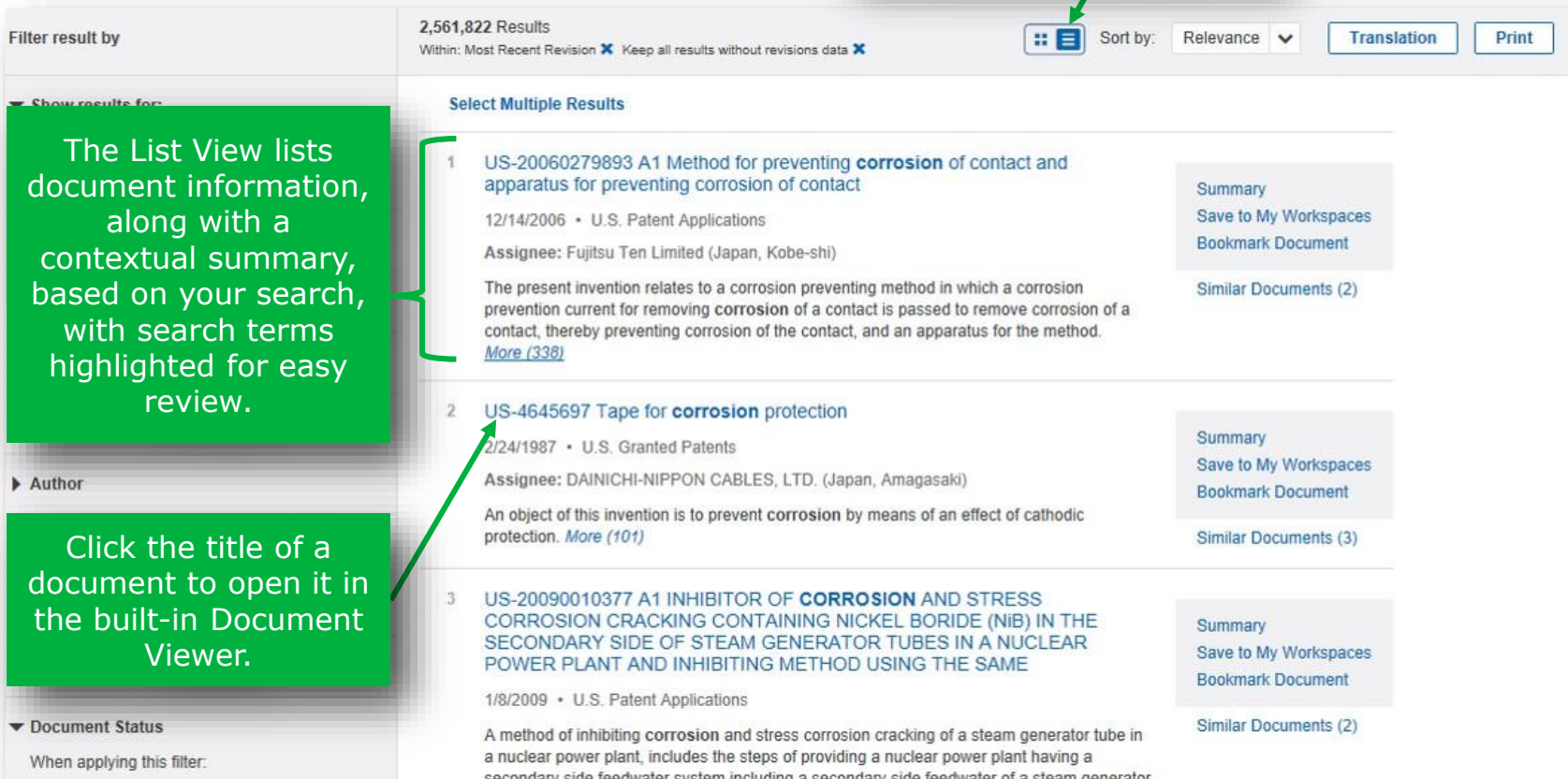
Check the boxes next to the appropriate documents, then select the action above to perform that action on the selected documents.



# Search Results Display

## List View

Toggle between List View and Table View using the appropriate icon.



Filter result by

2,561,822 Results  
 Within: Most Recent Revision  Keep all results without revisions data

Sort by: Relevance  Translation Print

Show results for:

Select Multiple Results

1 US-20060279893 A1 Method for preventing **corrosion** of contact and apparatus for preventing corrosion of contact  
 12/14/2006 • U.S. Patent Applications  
 Assignee: Fujitsu Ten Limited (Japan, Kobe-shi)  
 The present invention relates to a corrosion preventing method in which a corrosion prevention current for removing **corrosion** of a contact is passed to remove corrosion of a contact, thereby preventing corrosion of the contact, and an apparatus for the method. [More \(338\)](#)

2 US-4645697 Tape for **corrosion** protection  
 2/24/1987 • U.S. Granted Patents  
 Assignee: DAINICHI-NIPPON CABLES, LTD. (Japan, Amagasaki)  
 An object of this invention is to prevent corrosion by means of an effect of cathodic protection. [More \(101\)](#)

3 US-20090010377 A1 INHIBITOR OF **CORROSION** AND STRESS CORROSION CRACKING CONTAINING NICKEL BORIDE (NiB) IN THE SECONDARY SIDE OF STEAM GENERATOR TUBES IN A NUCLEAR POWER PLANT AND INHIBITING METHOD USING THE SAME  
 1/8/2009 • U.S. Patent Applications  
 A method of inhibiting **corrosion** and stress corrosion cracking of a steam generator tube in a nuclear power plant, includes the steps of providing a nuclear power plant having a secondary side feedwater system including a secondary side feedwater of a steam generator

Summary  
 Save to My Workspaces  
 Bookmark Document  
 Similar Documents (2)

Summary  
 Save to My Workspaces  
 Bookmark Document  
 Similar Documents (3)

Summary  
 Save to My Workspaces  
 Bookmark Document  
 Similar Documents (2)

Author

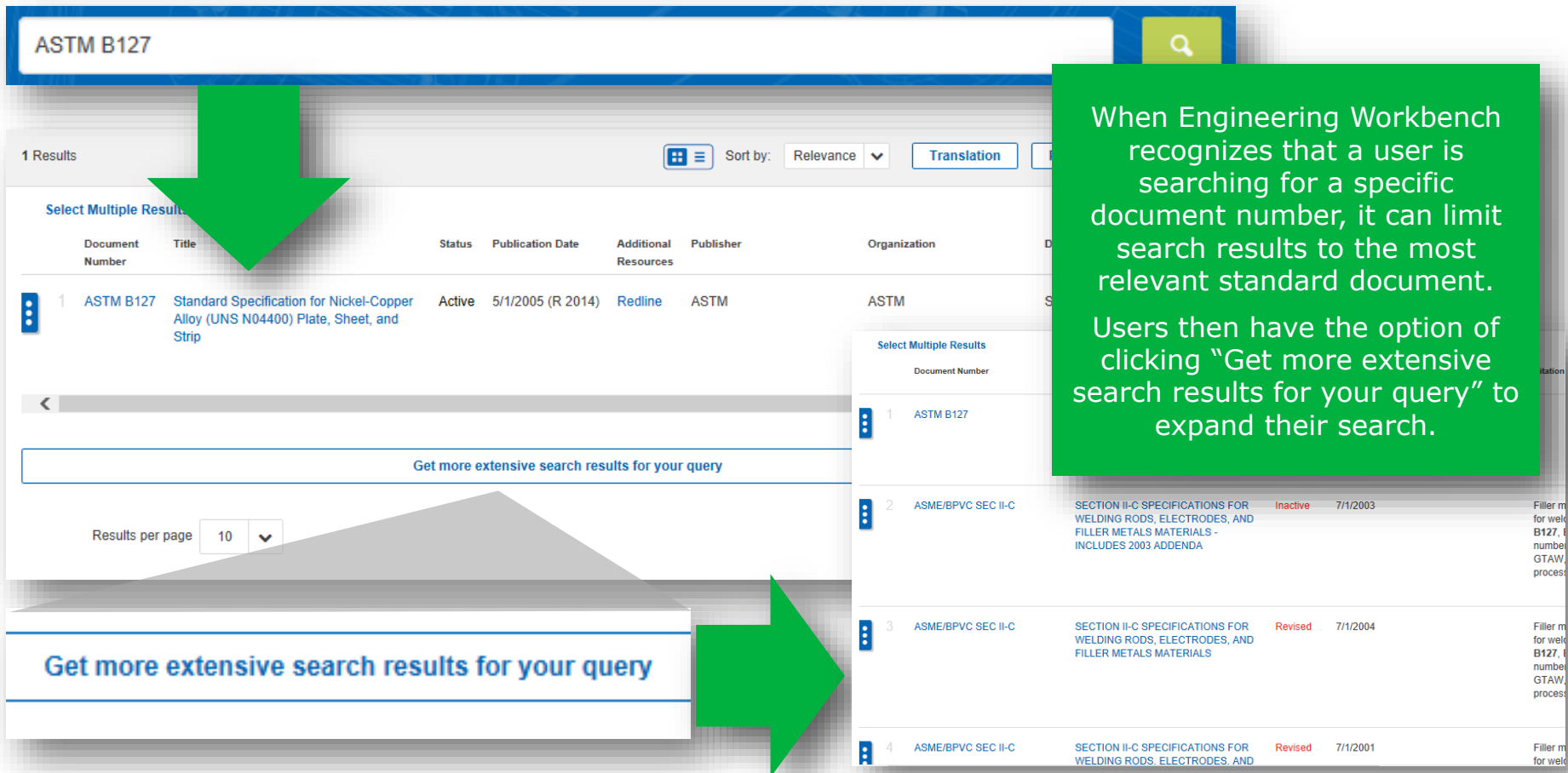
Document Status  
 When applying this filter:

The List View lists document information, along with a contextual summary, based on your search, with search terms highlighted for easy review.

Click the title of a document to open it in the built-in Document Viewer.

# Search Results Display

Engineering Workbench can recognize standard document numbers to limit search results to a specific standard



ASTM B127

1 Results

Sort by: Relevance

Translation

Select Multiple Results

Document Number	Title	Status	Publication Date	Additional Resources	Publisher	Organization
1	ASTM B127 Standard Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip	Active	5/1/2005 (R 2014)	Redline	ASTM	ASTM

Get more extensive search results for your query

Results per page 10

Get more extensive search results for your query

Select Multiple Results

Document Number	Title	Status	Publication Date	Organization
1	ASTM B127			
2	ASME/BPVC SEC II-C SECTION II-C SPECIFICATIONS FOR WELDING RODS, ELECTRODES, AND FILLER METALS MATERIALS - INCLUDES 2003 ADDENDA	Inactive	7/1/2003	
3	ASME/BPVC SEC II-C SECTION II-C SPECIFICATIONS FOR WELDING RODS, ELECTRODES, AND FILLER METALS MATERIALS	Revised	7/1/2004	
4	ASME/BPVC SEC II-C SECTION II-C SPECIFICATIONS FOR WELDING RODS, ELECTRODES, AND FILLER METALS MATERIALS	Revised	7/1/2001	

# Search Results Display

Search results highlight the number of “hits” for keyword(s) in a document



Select Multiple Results

1 MIL-STD-1568D - MATERIALS AND PROCESSES FOR **CORROSION PREVENTION** AND CONTROL IN AEROSPACE WEAPONS SYSTEMS

Active • 8/31/2015 • AS (DoD/GOV) • Standards Expert  
 Organization: DoD/GOV; AS

The **corrosion prevention** and control plan will set up operating procedures and the finish philosophies used in the systems. [More \(57\)](#)



- Summary
- Save to My Workspaces
- Bookmark Document
- Add to watch list
- Add Policy Note

Clicking on “More” will show three top “hits” for the keyword(s) in the document, helping the user decide whether to review the document further, as well as providing further insights from the document without even having to open it.

2 MIL-STD-1568C - MATERIALS AND PROCESSES FOR **CORROSION PREVENTION** AND CONTROL IN AEROSPACE WEAPONS SYSTEMS

Revised • 8/12/2014 • 11 (DoD/GOV) • Standards Expert  
 Organization: DoD/GOV; 11

The **corrosion prevention** and control plan will set up operating procedures and the finish philosophies used in the systems.

Select Multiple Results

1 MIL-STD-1568D - MATERIALS AND PROCESSES FOR **CORROSION PREVENTION** AND CONTROL IN AEROSPACE WEAPONS SYSTEMS

Active • 8/31/2015 • AS (DoD/GOV) • Standards Expert  
 Organization: DoD/GOV; AS

The **corrosion prevention** and control plan will set up operating procedures and the finish philosophies used in the systems. [Close](#)

3 of 57 matches

This standard establishes the requirements for materials, processes and techniques, and identifies the tasks required to implement an effective **corrosion prevention** and control program throughout the conceptual, validation, development, production, and sustainment phases of the aerospace weapons systems life cycle.

...

The finish specification details the finish and coating systems to be used on the respective aerospace weapons system in accordance with the finish philosophies as approved in the **corrosion prevention** and control plan.

...

The **corrosion prevention** and control plan will set up operating procedures and the finish philosophies used in the systems.

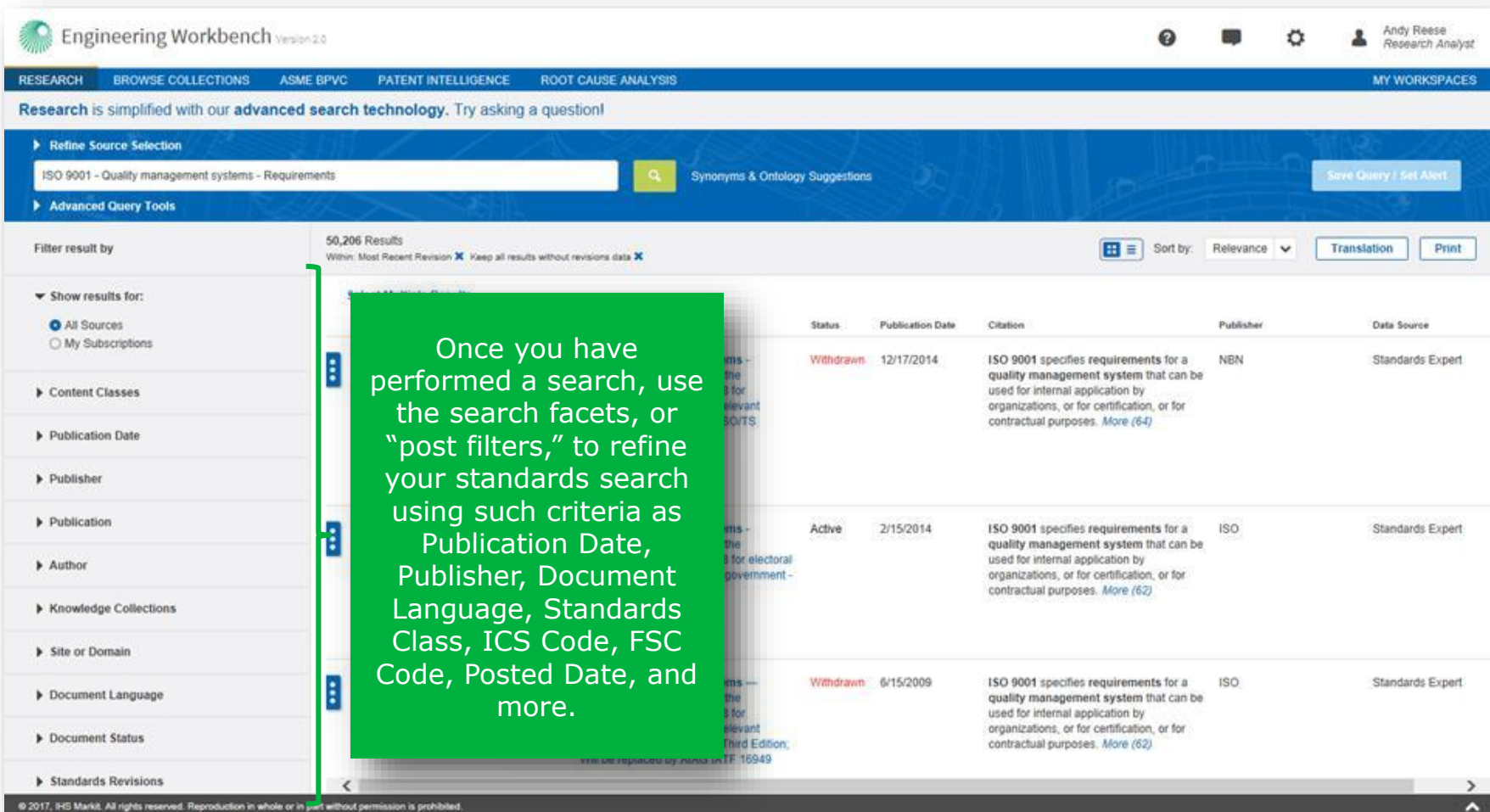


- Summary
- Save to My Workspaces
- Bookmark Document
- Add to watch list
- Add Policy Note

Search results will highlight the number of “hits” for the user’s keyword(s) in a given document, indicating the relevancy of a document for the user’s search.

# Search Results Display

*Search facets allow you to quickly narrow your search criteria*



Engineering Workbench Version 2.0

RESEARCH BROWSE COLLECTIONS ASME BPVC PATENT INTELLIGENCE ROOT CAUSE ANALYSIS MY WORKSPACES

Research is simplified with our advanced search technology. Try asking a question!

Refine Source Selection

ISO 9001 - Quality management systems - Requirements

Advanced Query Tools

Filter result by

50,206 Results

Sort by: Relevance

Translation Print

Show results for:

- All Sources
- My Subscriptions

Content Classes

Publication Date

Publisher

Publication

Author

Knowledge Collections

Site or Domain

Document Language

Document Status

Standards Revisions

Once you have performed a search, use the search facets, or “post filters,” to refine your standards search using such criteria as Publication Date, Publisher, Document Language, Standards Class, ICS Code, FSC Code, Posted Date, and more.

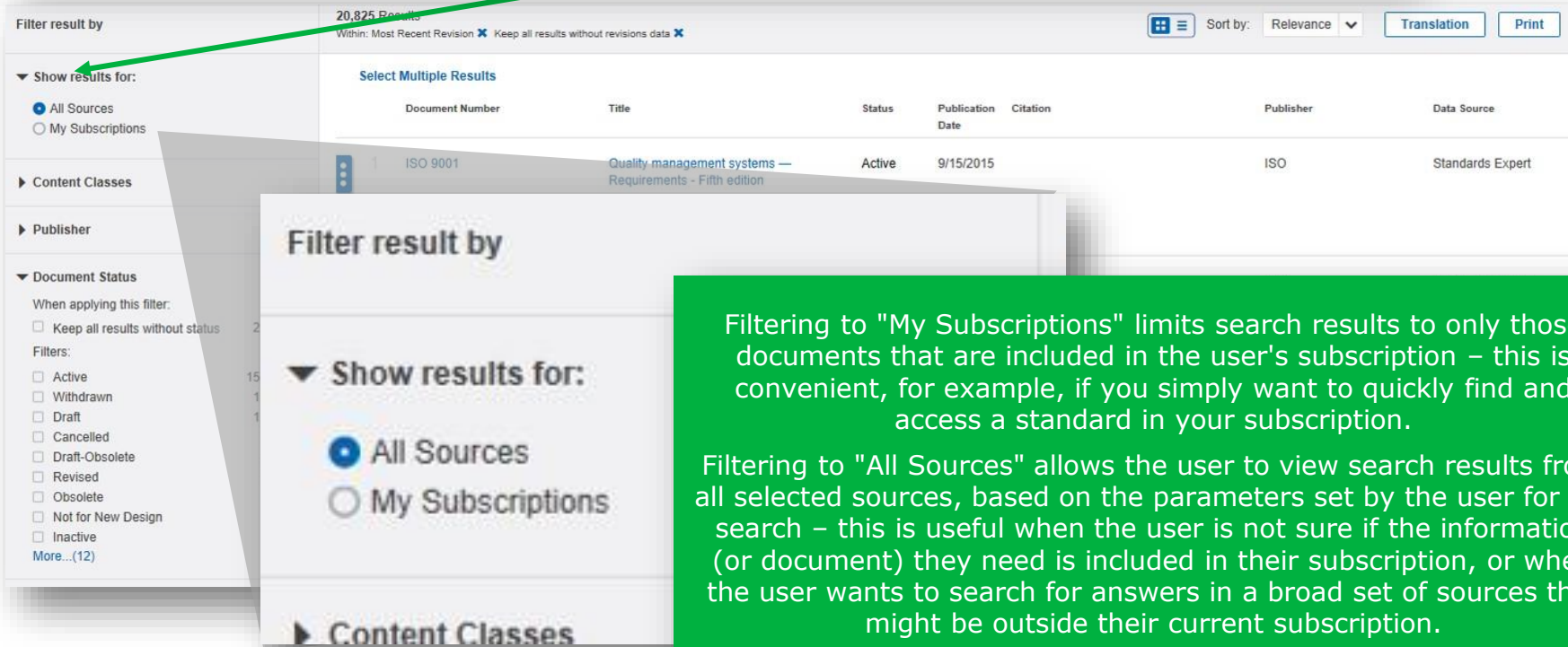
Status	Publication Date	Citation	Publisher	Data Source
Withdrawn	12/17/2014	ISO 9001 specifies requirements for a quality management system that can be used for internal application by organizations, or for certification, or for contractual purposes. <a href="#">More (64)</a>	NBN	Standards Expert
Active	2/15/2014	ISO 9001 specifies requirements for a quality management system that can be used for internal application by organizations, or for certification, or for contractual purposes. <a href="#">More (62)</a>	ISO	Standards Expert
Withdrawn	6/15/2009	ISO 9001 specifies requirements for a quality management system that can be used for internal application by organizations, or for certification, or for contractual purposes. <a href="#">More (62)</a>	ISO	Standards Expert

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# Search Results Display

## "My Subscriptions" filter

Select whether to view All Sources (based on your selected search criteria) or only documents included in your subscriptions. Your search results will update to reflect your selection.



The screenshot shows a search results page with 20,825 results. A callout box highlights the 'Filter result by' section, specifically the 'Show results for:' dropdown menu. The menu has two options: 'All Sources' (selected) and 'My Subscriptions'. The main search results table is partially visible, showing a table with columns: Document Number, Title, Status, Publication Date, Citation, Publisher, and Data Source. One row is visible with the following data:

Document Number	Title	Status	Publication Date	Citation	Publisher	Data Source
ISO 9001	Quality management systems — Requirements - Fifth edition	Active	9/15/2015		ISO	Standards Expert

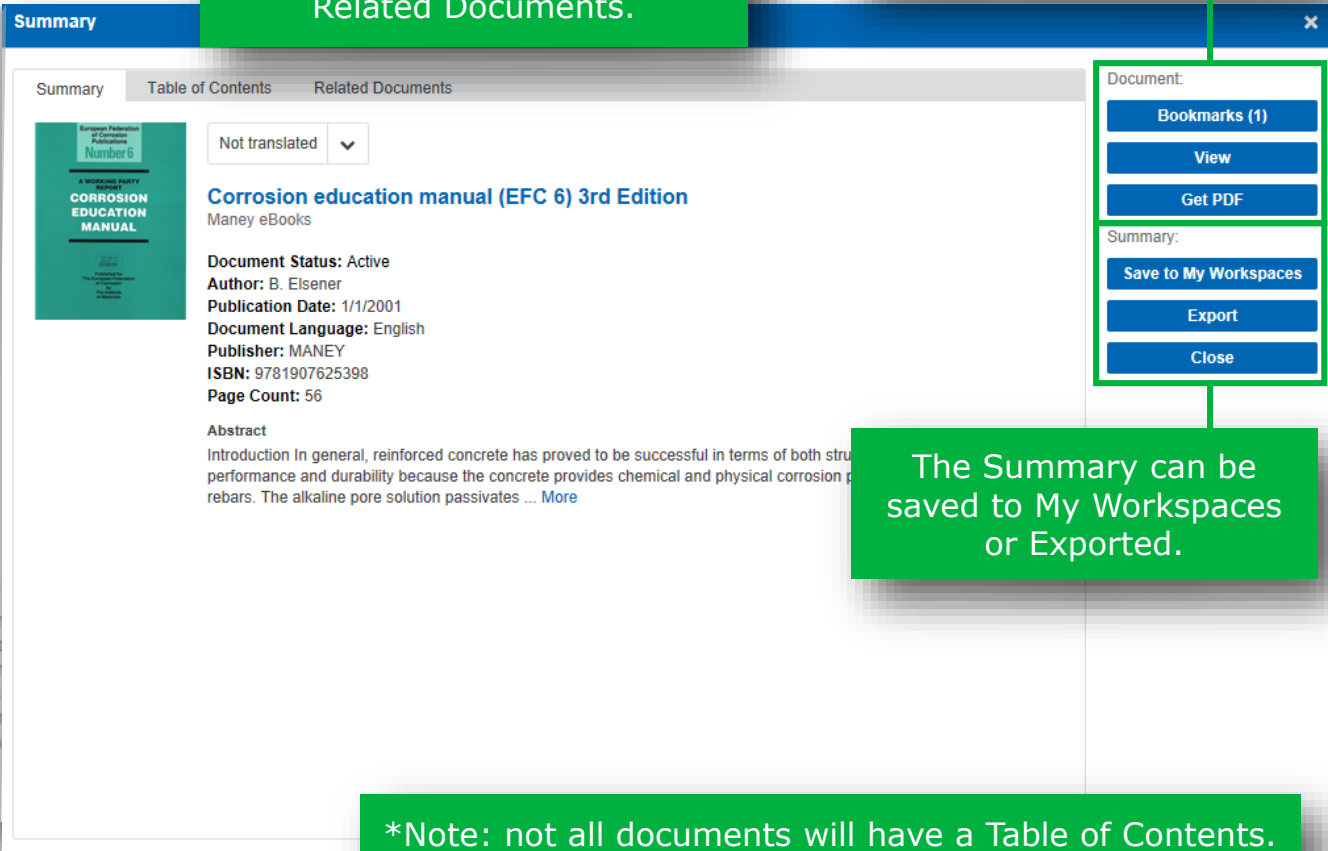
# Search Results Display

Use Document Summary to quickly review material

In either Table View or List View, select Summary to view an abstract or summary of a document.

You can translate the document information, or view the Table of Contents\* and/or Related Documents.

You can choose to bookmark the document, view it in the built-in Document Viewer, or get a PDF of the document.



The screenshot shows a document summary page with the following elements:

- Summary Tab:** Active, with sub-tabs for Summary, Table of Contents, and Related Documents.
- Document Title:** Corrosion education manual (EFC 6) 3rd Edition, Maney eBooks.
- Document Status:** Active.
- Author:** B. Elsener.
- Publication Date:** 1/1/2001.
- Document Language:** English.
- Publisher:** MANEY.
- ISBN:** 9781907625398.
- Page Count:** 56.
- Abstract:** Introduction In general, reinforced concrete has proved to be successful in terms of both structural performance and durability because the concrete provides chemical and physical corrosion protection for the steel reinforcement bars. The alkaline pore solution passivates ... [More](#)
- Document Actions:**
  - Not translated (dropdown menu)
  - Document: Bookmarks (1), View, Get PDF
  - Summary: Save to My Workspaces, Export, Close
- Left Sidebar:** Summary, Save to My Workspaces, Bookmark Document, Similar Documents (2), History, Add to watch list.
- Bottom Callout:** \*Note: not all documents will have a Table of Contents.

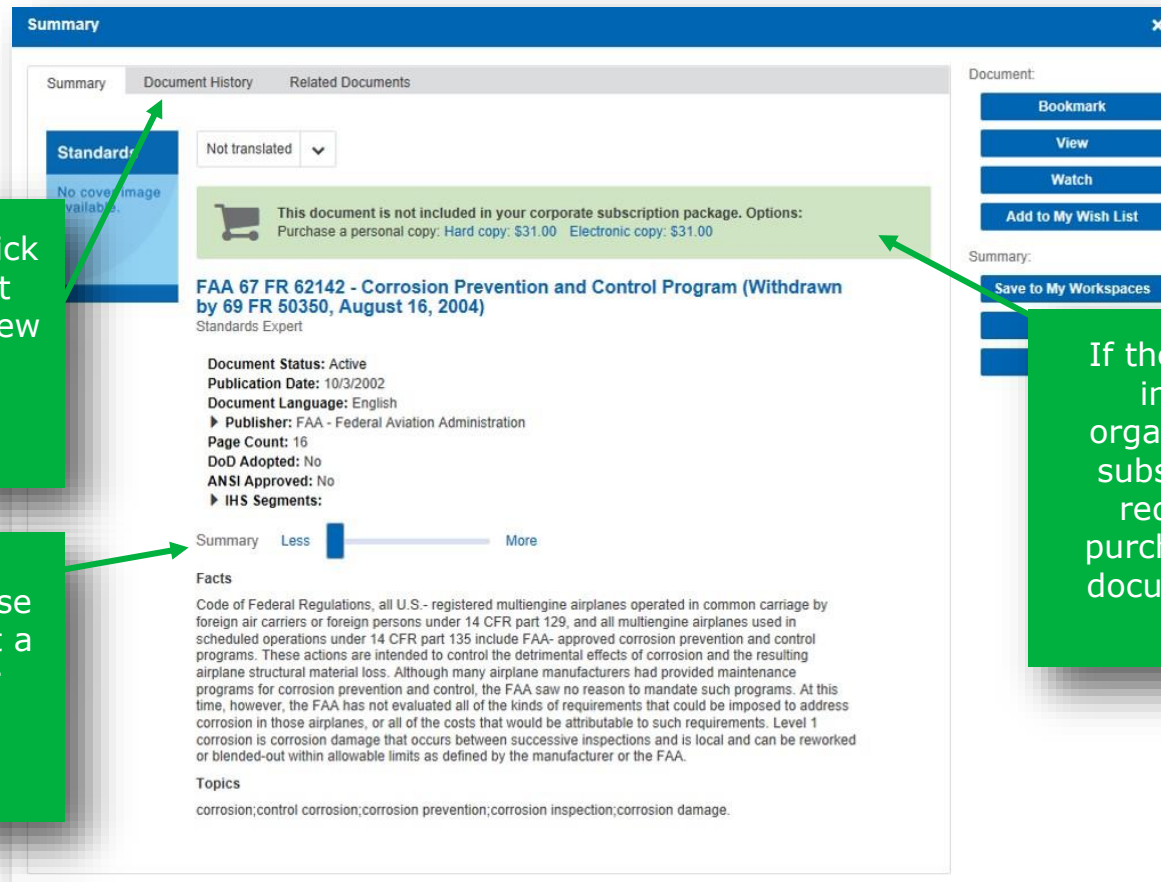
Summary  
Save to My Workspaces  
Bookmark Document  
Similar Documents (2)

Summary  
Save to My Workspaces  
Bookmark Document  
History  
Add to watch list

Specification  
System Req  
Organization  
Natural Gas  
Effective Ju  
2014, ERTA  
2016

# Search Results Display

*Use Document Summary to quickly review material*



**Summary**

Summary | Document History | Related Documents

Not translated

This document is not included in your corporate subscription package. Options:  
Purchase a personal copy. Hard copy: \$31.00 Electronic copy: \$31.00

**FAA 67 FR 62142 - Corrosion Prevention and Control Program (Withdrawn by 69 FR 50350, August 16, 2004)**  
Standards Expert

**Document Status:** Active  
**Publication Date:** 10/3/2002  
**Document Language:** English  
► **Publisher:** FAA - Federal Aviation Administration  
**Page Count:** 16  
**DoD Adopted:** No  
**ANSI Approved:** No  
► **IHS Segments:**

Summary Less More

**Facts**  
Code of Federal Regulations, all U.S.- registered multiengine airplanes operated in common carriage by foreign air carriers or foreign persons under 14 CFR part 129, and all multiengine airplanes used in scheduled operations under 14 CFR part 135 include FAA- approved corrosion prevention and control programs. These actions are intended to control the detrimental effects of corrosion and the resulting airplane structural material loss. Although many airplane manufacturers had provided maintenance programs for corrosion prevention and control, the FAA saw no reason to mandate such programs. At this time, however, the FAA has not evaluated all of the kinds of requirements that could be imposed to address corrosion in those airplanes, or all of the costs that would be attributable to such requirements. Level 1 corrosion is corrosion damage that occurs between successive inspections and is local and can be reworked or blended-out within allowable limits as defined by the manufacturer or the FAA.

**Topics**  
corrosion;control corrosion;corrosion prevention;corrosion inspection;corrosion damage.

Document:  
Bookmark  
View  
Watch  
Add to My Wish List  
Save to My Workspaces

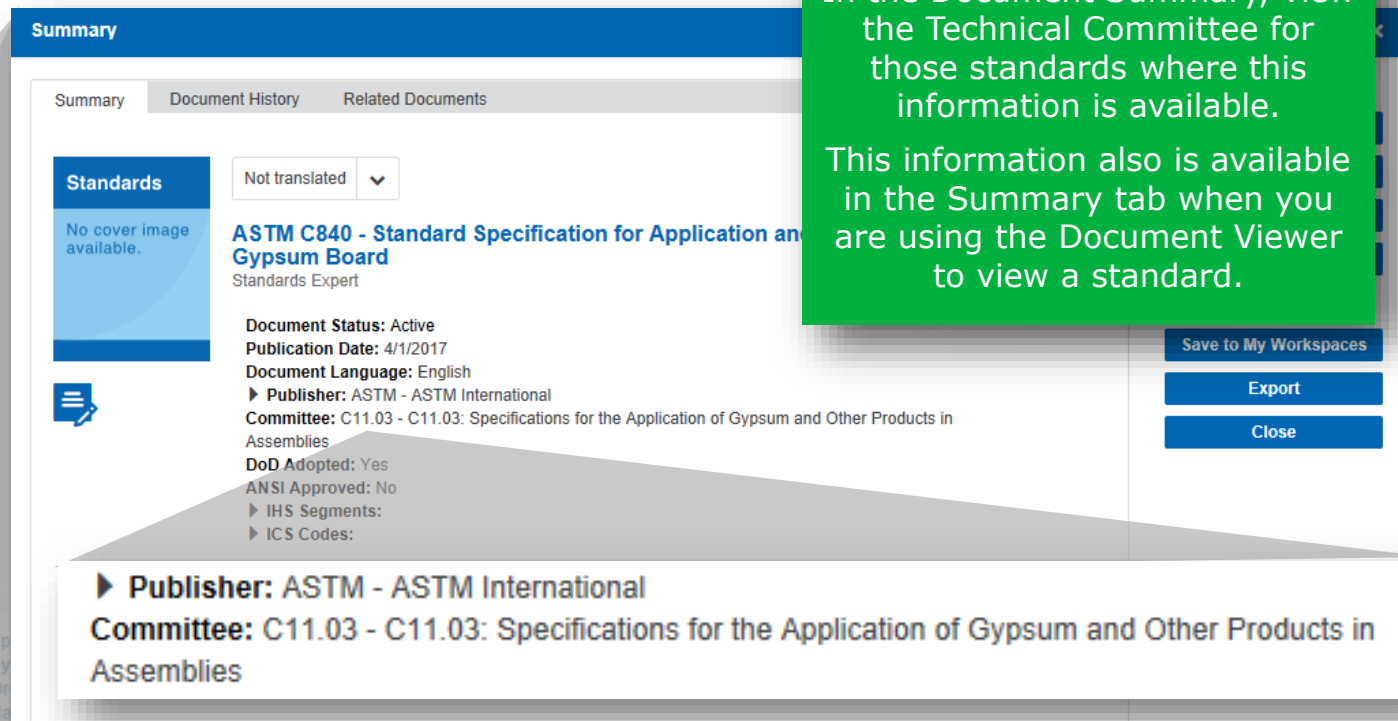
Where available, click on the "Document History" tab to review available prior revisions of the document.

Where available, use the slide bar to get a longer or shorter summary of the document.

If the document is not included in your organization's existing subscription, you can request a quote to purchase a copy of the document for personal use.

# See Technical Committee Information for Standards

*Technical Committees develop and maintain standards*



**Summary**

Summary | Document History | Related Documents

**Standards** | Not translated

No cover image available.

**ASTM C840 - Standard Specification for Application and Gypsum Board**  
Standards Expert

**Document Status:** Active  
**Publication Date:** 4/1/2017  
**Document Language:** English  
**Publisher:** ASTM - ASTM International  
**Committee:** C11.03 - C11.03: Specifications for the Application of Gypsum and Other Products in Assemblies  
**DoD Adopted:** Yes  
**ANSI Approved:** No  
**IHS Segments:**  
**ICS Codes:**

**Publisher:** ASTM - ASTM International  
**Committee:** C11.03 - C11.03: Specifications for the Application of Gypsum and Other Products in Assemblies

Save to My Workspaces | Export | Close

In the Document Summary, view the Technical Committee for those standards where this information is available.

This information also is available in the Summary tab when you are using the Document Viewer to view a standard.

\*Note: Not all documents will have a Technical Committee specified.

Summary  
 Save to My Workspaces  
 Bookmark Document  
 Similar Documents (2)

Summary  
 Save to My Workspaces  
 Bookmark Document

History  
 Add to watch list



# View Federal Logistics Information System (FLIS) Data

FLIS data can help you locate parts that meet specifications

1 Results Sort by: Relevance v [Translation](#) [Print](#)

Select Multiple Results

Document Number	Title	Status	Publication Date	Additional Resources	Publisher	Organization
1	MIL-P-608K POLE SECTION, TENT: UPRIGHT AND ADAPTER, TENT POLE	Active	11/20/1991	FLIS	GL (DoD/GOV)	DoD/GOV; GL

When applicable, users will be presented with an option to access Haystack Gold FLIS (Federal Logistics Integrated System) data via a link in the search results or in the Document Summary.

1 Results Sort by: Relevance v [Translation](#) [Print](#)

Select Multiple Results

1 MIL-P-608K - POLE SECTION, TENT: UPRIGHT AND ADAPTER, TENT POLE

Active • 11/20/1991 • GL (DoD/GOV) • Standards Expert

FLIS

Organization: DoD/GOV; GL

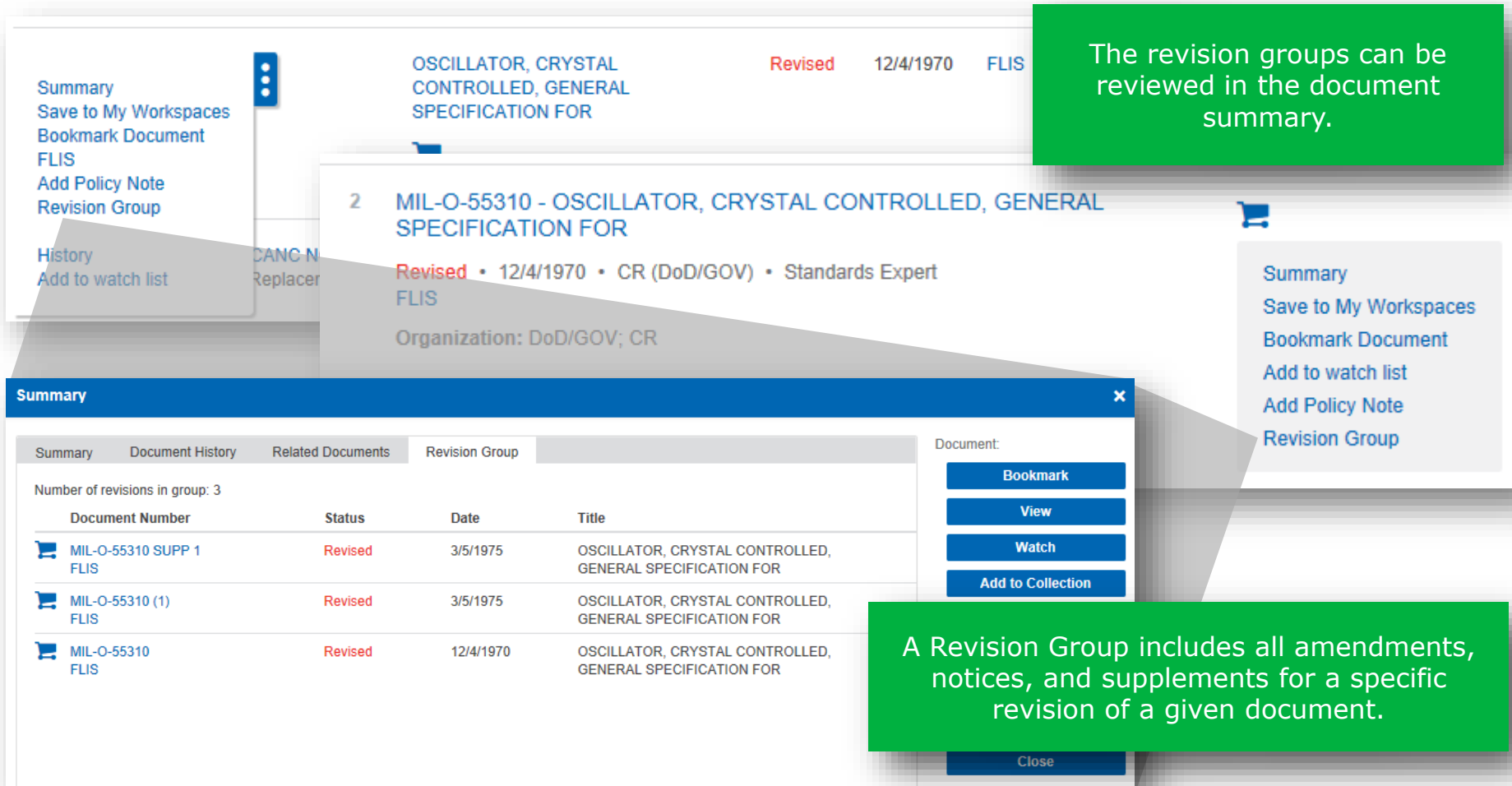
Document Viewer Version 2.0 MIL-P-608K - POLE SECTION, TENT: UPRIGHT AND ADAPTER, TENT POLE Close

SUMMARY
DOCUMENT HISTORY
RELATED DOCUMENTS
FLIS

#	Part Number	CAGE	Stock Number	Item Name	RNCC	RNVC
1	MIL-P-608	81349	8340-002223339	ADAPTER,TENT POLE	4	1
2	MIL-P-608	81349	8340-002237849	POLE SECTION,TENT	4	1

## View Revision Group

Users now have the ability to identify documents that have multiple documents in the same Revision Group.



The revision groups can be reviewed in the document summary.

Summary  
Save to My Workspaces  
Bookmark Document  
FLIS  
Add Policy Note  
Revision Group

History  
Add to watch list

OSCILLATOR, CRYSTAL CONTROLLED, GENERAL SPECIFICATION FOR  
Revised 12/4/1970 FLIS

2 MIL-O-55310 - OSCILLATOR, CRYSTAL CONTROLLED, GENERAL SPECIFICATION FOR  
Revised • 12/4/1970 • CR (DoD/GOV) • Standards Expert  
FLIS  
Organization: DoD/GOV; CR

Summary  
Save to My Workspaces  
Bookmark Document  
Add to watch list  
Add Policy Note  
Revision Group

**Summary**

Summary Document History Related Documents Revision Group

Number of revisions in group: 3

Document Number	Status	Date	Title
MIL-O-55310 SUPP 1 FLIS	Revised	3/5/1975	OSCILLATOR, CRYSTAL CONTROLLED, GENERAL SPECIFICATION FOR
MIL-O-55310 (1) FLIS	Revised	3/5/1975	OSCILLATOR, CRYSTAL CONTROLLED, GENERAL SPECIFICATION FOR
MIL-O-55310 FLIS	Revised	12/4/1970	OSCILLATOR, CRYSTAL CONTROLLED, GENERAL SPECIFICATION FOR

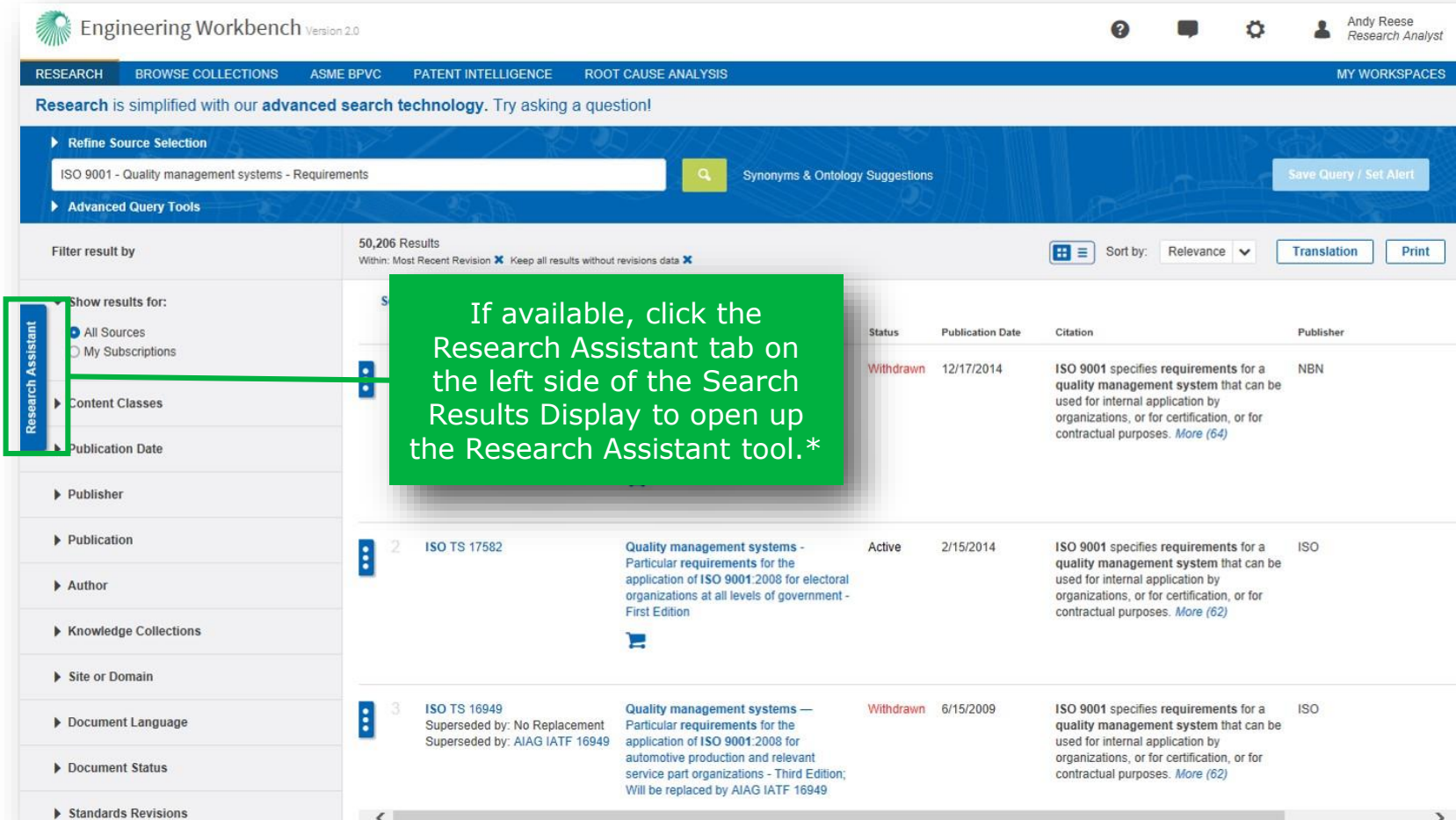
Document:  
Bookmark  
View  
Watch  
Add to Collection

A Revision Group includes all amendments, notices, and supplements for a specific revision of a given document.

Close

# Search Results Display

Open up the Research Assistant tool\*



Engineering Workbench Version 2.0

RESEARCH BROWSE COLLECTIONS ASME BPVC PATENT INTELLIGENCE ROOT CAUSE ANALYSIS MY WORKSPACES

Research is simplified with our advanced search technology. Try asking a question!

Refine Source Selection

ISO 9001 - Quality management systems - Requirements  Synonyms & Ontology Suggestions

Advanced Query Tools

Filter result by 50,206 Results

Within: Most Recent Revision  Keep all results without revisions data

Sort by: Relevance

Show results for:

- All Sources
- My Subscriptions

Content Classes

Publication Date

Publisher

Publication

Author

Knowledge Collections

Site or Domain

Document Language

Document Status

Standards Revisions

**Research Assistant**

If available, click the Research Assistant tab on the left side of the Search Results Display to open up the Research Assistant tool.\*

Status	Publication Date	Citation	Publisher		
Withdrawn	12/17/2014	ISO 9001 specifies requirements for a quality management system that can be used for internal application by organizations, or for certification, or for contractual purposes. <a href="#">More (64)</a>	NBN		
2	ISO TS 17582	Quality management systems - Particular requirements for the application of ISO 9001:2008 for electoral organizations at all levels of government - First Edition	Active 2/15/2014	ISO 9001 specifies requirements for a quality management system that can be used for internal application by organizations, or for certification, or for contractual purposes. <a href="#">More (62)</a>	ISO
3	ISO TS 16949	Superseded by: No Replacement Superseded by: AIAG IATF 16949 Quality management systems — Particular requirements for the application of ISO 9001:2008 for automotive production and relevant service part organizations - Third Edition; Will be replaced by AIAG IATF 16949	Withdrawn 6/15/2009	ISO 9001 specifies requirements for a quality management system that can be used for internal application by organizations, or for certification, or for contractual purposes. <a href="#">More (62)</a>	ISO

\*Research Assistant is an optional tool that will be visible if included in your organization's subscription.

# Search Results Display

Use the Research Assistant tool to refine your search results or explore a topic\*

The Research Assistant tool acts like a virtual subject matter expert, guiding you to precise answers in large bodies of content.

Graphical interface lets engineers quickly drill down to solution.

Faceted filters help users easily refine their searches on the fly, based on date, publisher and more.

The screenshot shows the Research Assistant tool interface for the search term 'corrosion'. At the top, it states 'Your Research Assistant is working in the background to explore related queries.' Below this, the main area is titled 'Focused information on: corrosion'. On the left, there is a graphical network diagram with nodes for 'Parameters', 'General Facts', 'Effects', 'Causes', 'Parts and Functions', and 'Causes and Effects'. A central node 'corrosion' is connected to these. Below 'Causes and Effects', there is a sub-diagram for 'Preventions' with nodes for '(JP) corrosion inhibitor', '(JP) additive', 'additive', '(JP) metal corrosion inhibitor', 'coating', 'inhibitor', 'cathodic protection', 'protective paint', 'protective layer', and 'corrosion inhibitor'. On the right, there is a 'Filter result by' sidebar with sections for 'Show results for:' (All Sources, My Subscriptions), 'Content Classes', 'Publication Date', 'Publisher', 'Publication', 'Author', 'Knowledge Collections', 'Site or Domain', 'Document Language', 'Document Status', 'Standards Revisions', 'Standard Class', and 'ICS Code'. Below the filters, there is a list of search results, including one for 'US-484,657 - tape for corrosion protection'. At the bottom right, there is a detailed view for 'General Facts' with sections for 'Definitions', 'More Specific', 'Advantages', 'Disadvantages', 'Properties', and 'Concepts'. A green arrow points from the 'Toggle between the graphical interface shown at left and the tabular interface below to explore your content.' text box to a toggle button in the top right of the interface.

Toggle between the graphical interface shown at left and the tabular interface below to explore your content.

\*Research Assistant is an optional tool that will be visible if included in your organization's subscription.

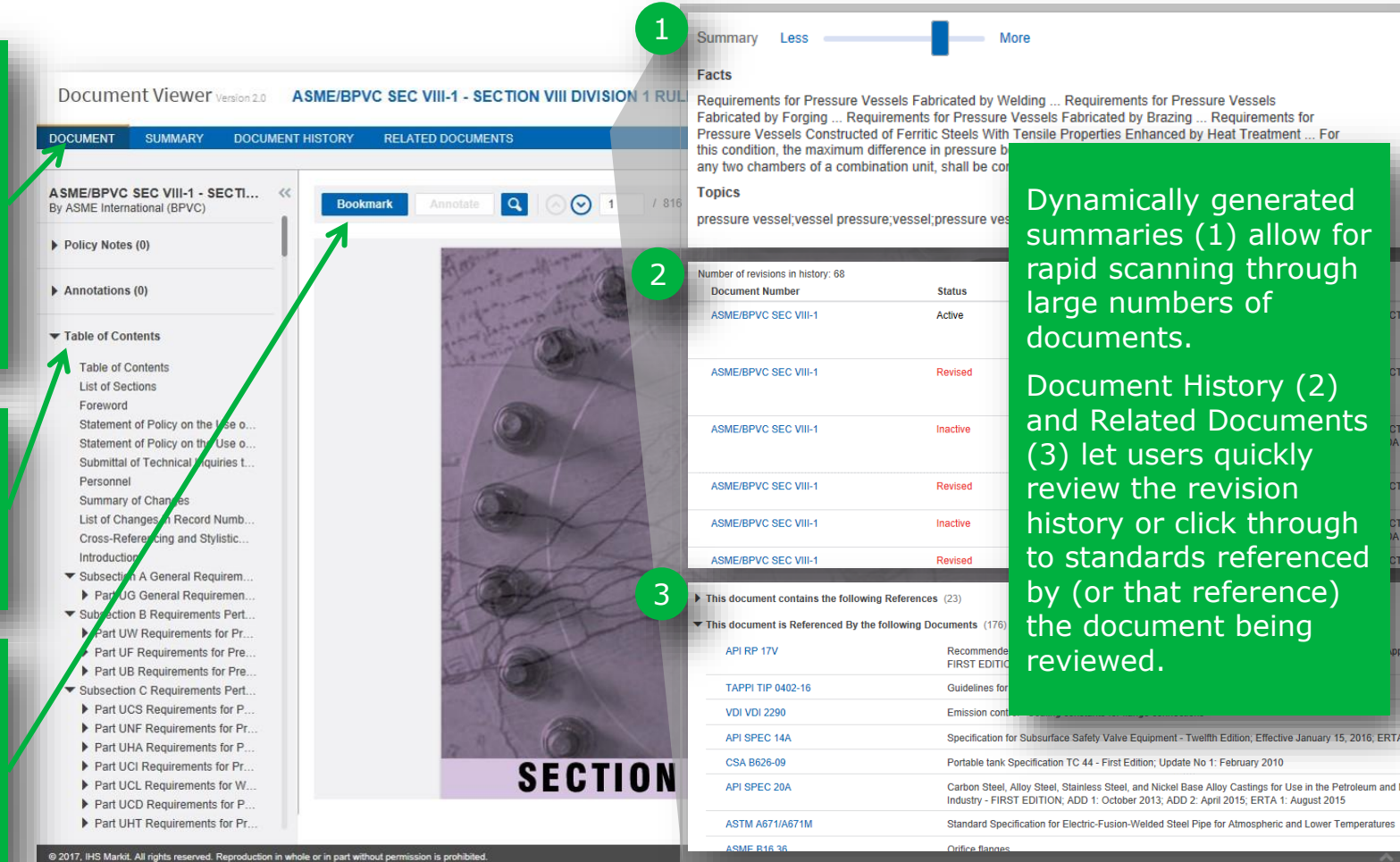
# Document Viewer

The built-in Document Viewer allows even large documents to open instantly

Document Viewer “streams” documents to allow instant access to even very large documents – no waiting for download.

Table of Contents lets users immediately navigate to specific sections.

Create Bookmarks for easy access, or Annotations for project notes to preserve knowledge.



The screenshot shows the Document Viewer interface for ASME/BPVC SEC VIII-1. The interface is divided into several sections:

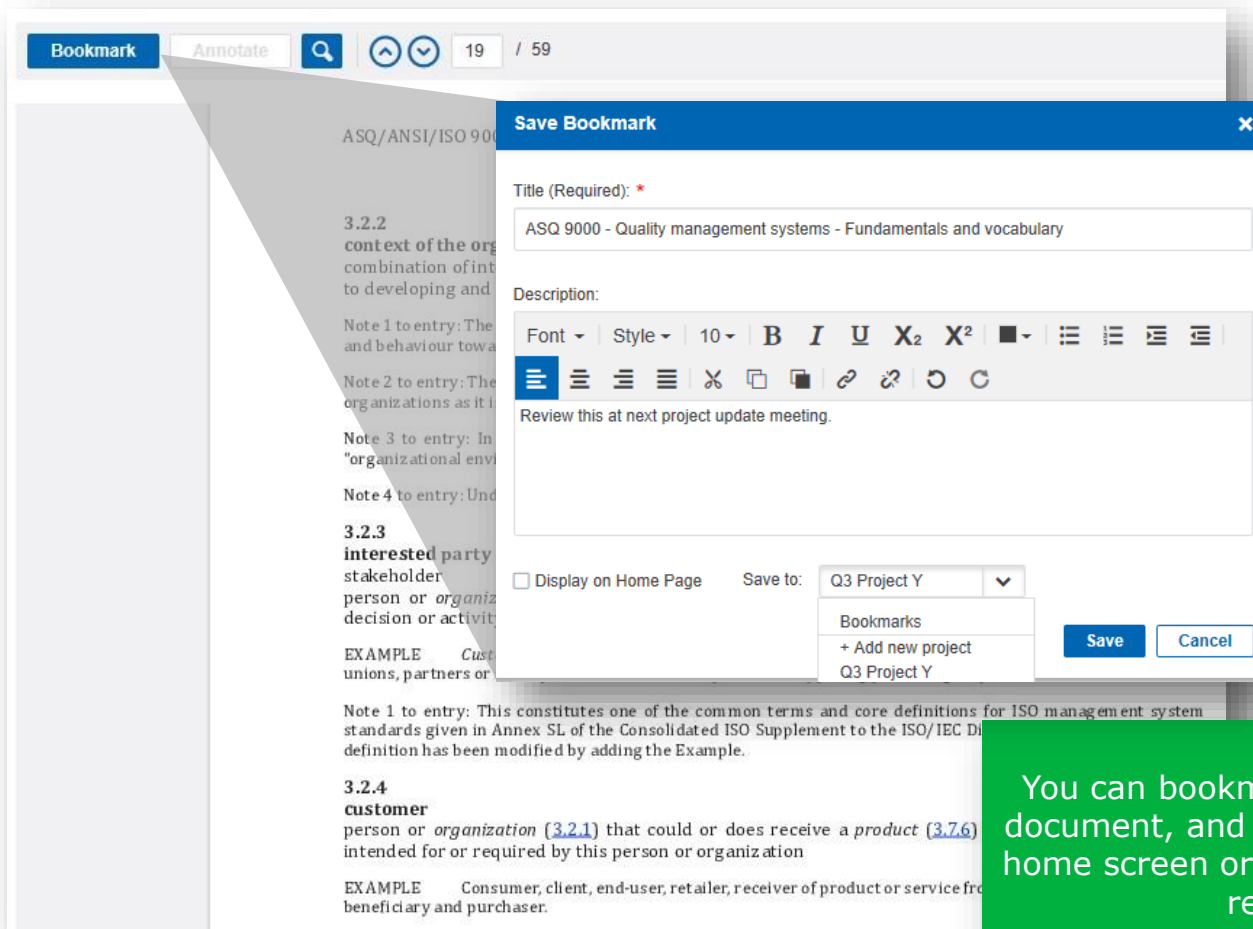
- Navigation Menu (Left):** Includes 'DOCUMENT', 'SUMMARY', 'DOCUMENT HISTORY', and 'RELATED DOCUMENTS'. Below this is a 'Table of Contents' section with a list of sections and subsections.
- Main Document Area (Center):** Displays the document content with a 'Bookmark' button and an 'Annotate' icon. A large image of a pressure vessel is shown with the word 'SECTION' overlaid at the bottom.
- Right Sidebar (1-3):**
  - 1 Summary:** A 'Less' and 'More' slider is visible.
  - 2 Document History:** A table showing the revision history of the document.
  - 3 Related Documents:** A list of documents referenced by or containing the current document.

Dynamically generated summaries (1) allow for rapid scanning through large numbers of documents.

Document History (2) and Related Documents (3) let users quickly review the revision history or click through to standards referenced by (or that reference) the document being reviewed.

# Document Viewer

## Bookmark a document



The screenshot shows a document viewer interface with a 'Bookmark' button highlighted. A 'Save Bookmark' dialog box is open, displaying the following fields and options:

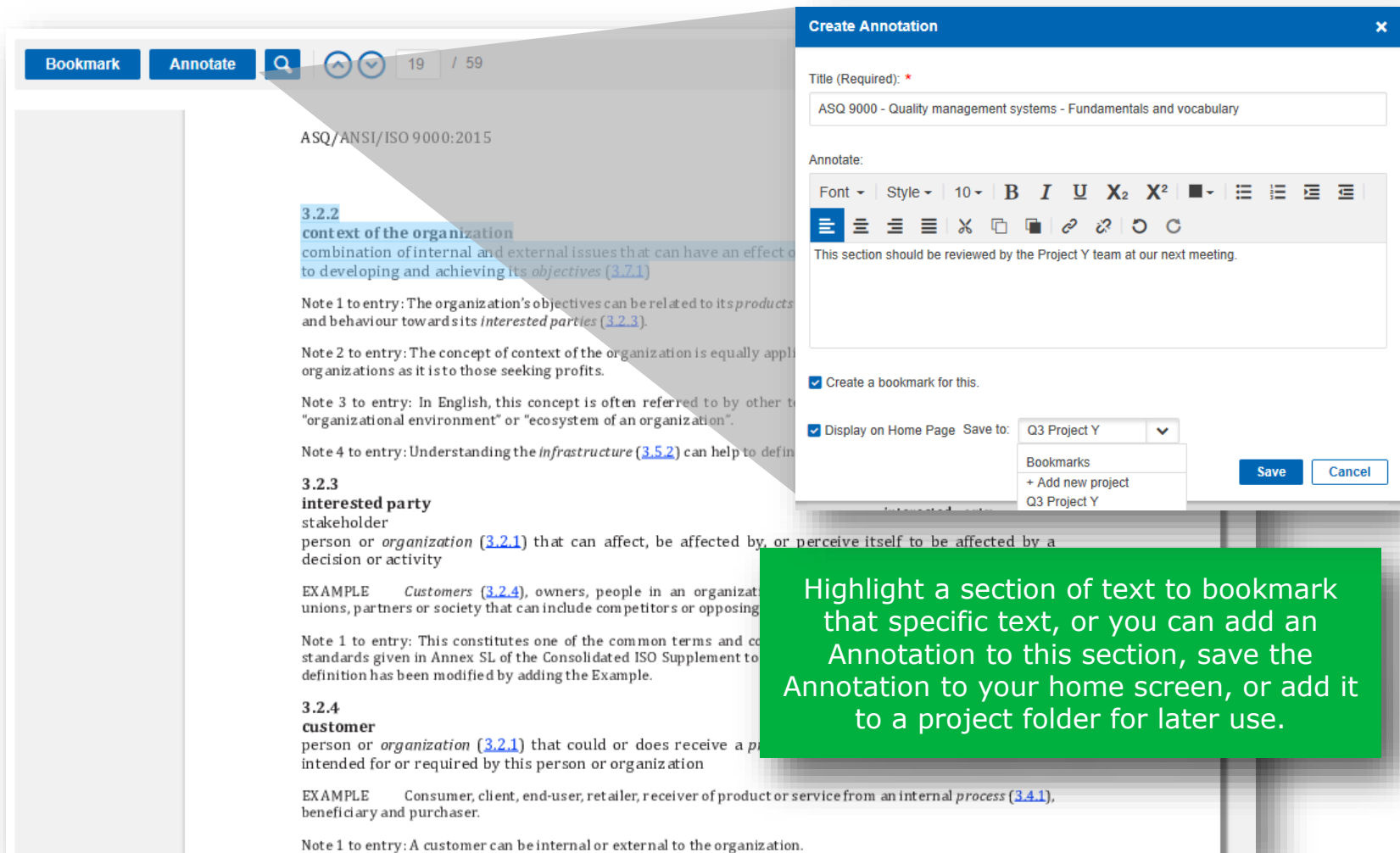
- Title (Required): \*** ASQ 9000 - Quality management systems - Fundamentals and vocabulary
- Description:** Review this at next project update meeting.
- Save to:** Q3 Project Y (dropdown menu with options: Bookmarks, + Add new project, Q3 Project Y)
- Display on Home Page
- Buttons:** Save, Cancel

The background document text includes sections like '3.2.2 context of the org', '3.2.3 interested party stakeholder', and '3.2.4 customer'.

You can bookmark a specific section of a document, and save the bookmark to your home screen or to a project folder for easy reference later.

# Document Viewer

## Annotate a document



The screenshot displays the Document Viewer interface. The top navigation bar includes 'Bookmark' and 'Annotate' buttons, along with search and navigation icons. The document content shows sections from ASQ/ANSI/ISO 9000:2015, with a blue highlight on the text 'context of the organization' under section 3.2.2. A 'Create Annotation' dialog box is open, showing the title 'ASQ 9000 - Quality management systems - Fundamentals and vocabulary' and the annotation text 'This section should be reviewed by the Project Y team at our next meeting.' The dialog also includes a rich text editor toolbar and options to create a bookmark and save the annotation to a project folder.

**Document Content:**

ASQ/ANSI/ISO 9000:2015

**3.2.2**  
**context of the organization**  
 combination of internal and external issues that can have an effect on the organization's ability to develop and achieving its objectives (3.7.1)

Note 1 to entry: The organization's objectives can be related to its products and behaviour towards its interested parties (3.2.3).

Note 2 to entry: The concept of context of the organization is equally applicable to organizations as it is to those seeking profits.

Note 3 to entry: In English, this concept is often referred to by other terms such as "organizational environment" or "ecosystem of an organization".

Note 4 to entry: Understanding the infrastructure (3.5.2) can help to define the context of the organization.

**3.2.3**  
**interested party**  
 stakeholder  
 person or organization (3.2.1) that can affect, be affected by, or perceive itself to be affected by a decision or activity

EXAMPLE Customers (3.2.4), owners, people in an organization, unions, partners or society that can include competitors or opposing organizations.

Note 1 to entry: This constitutes one of the common terms and concepts used in the standards given in Annex SL of the Consolidated ISO Supplement to the ISO 9000 family. The definition has been modified by adding the Example.

**3.2.4**  
**customer**  
 person or organization (3.2.1) that could or does receive a product or service intended for or required by this person or organization

EXAMPLE Consumer, client, end-user, retailer, receiver of product or service from an internal process (3.4.1), beneficiary and purchaser.

Note 1 to entry: A customer can be internal or external to the organization.

**Create Annotation Dialog:**

Title (Required): \*  
 ASQ 9000 - Quality management systems - Fundamentals and vocabulary

Annotate:  
 Font | Style | 10 | B I U X<sub>2</sub> X<sup>2</sup> | [List Icons]

This section should be reviewed by the Project Y team at our next meeting.

Create a bookmark for this.

Display on Home Page Save to: Q3 Project Y

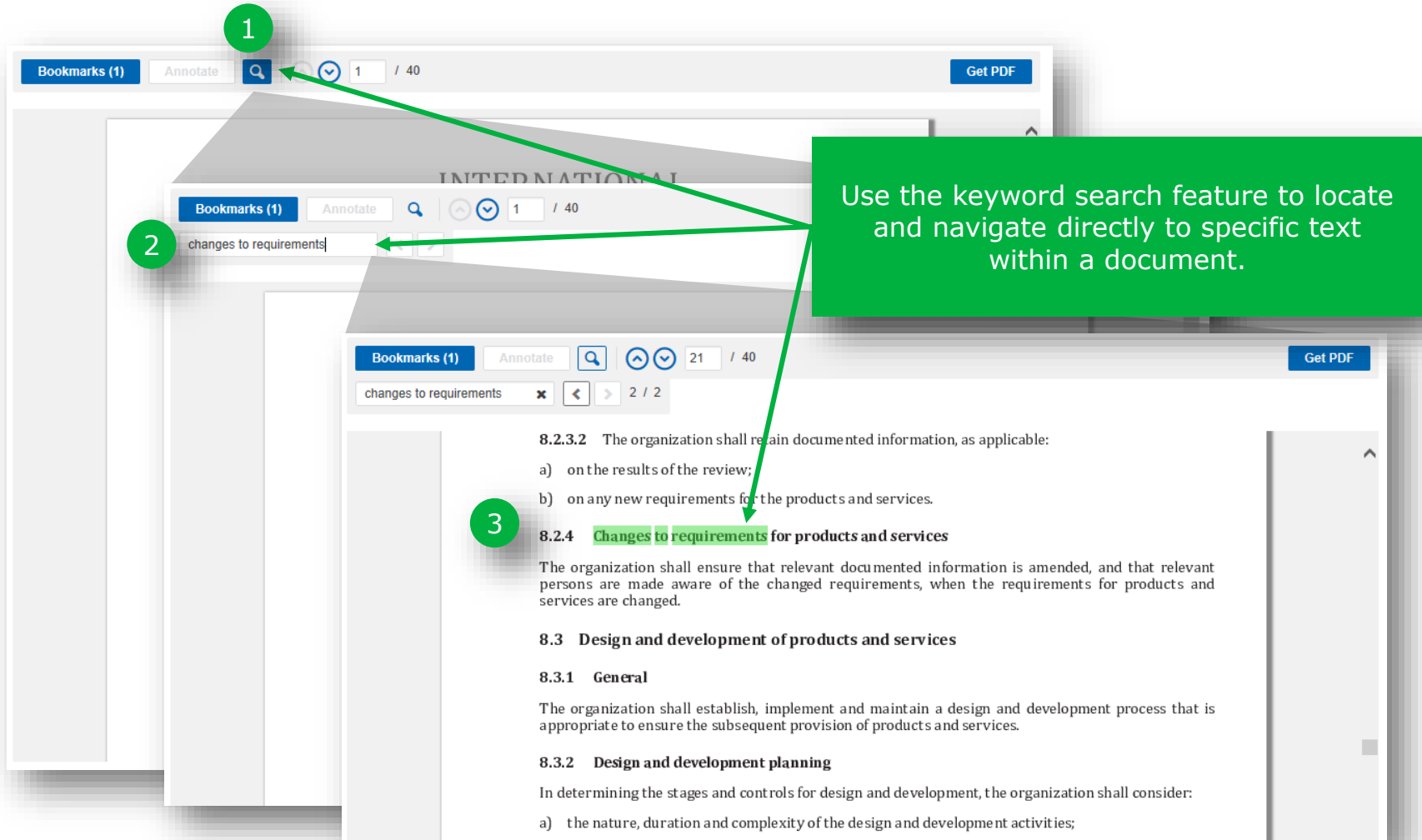
Bookmarks  
 + Add new project  
 Q3 Project Y

Save Cancel

Highlight a section of text to bookmark that specific text, or you can add an Annotation to this section, save the Annotation to your home screen, or add it to a project folder for later use.

# Document Viewer

*Search for keywords within a document*



1

2

3

Use the keyword search feature to locate and navigate directly to specific text within a document.

Bookmarks (1) Annotate 1 / 40 Get PDF

Bookmarks (1) Annotate 1 / 40

changes to requirements

Bookmarks (1) Annotate 21 / 40 Get PDF

changes to requirements 2 / 2

8.2.3.2 The organization shall retain documented information, as applicable:

- a) on the results of the review;
- b) on any new requirements for the products and services.

8.2.4 **Changes to requirements for products and services**

The organization shall ensure that relevant documented information is amended, and that relevant persons are made aware of the changed requirements, when the requirements for products and services are changed.

**8.3 Design and development of products and services**

**8.3.1 General**

The organization shall establish, implement and maintain a design and development process that is appropriate to ensure the subsequent provision of products and services.

**8.3.2 Design and development planning**

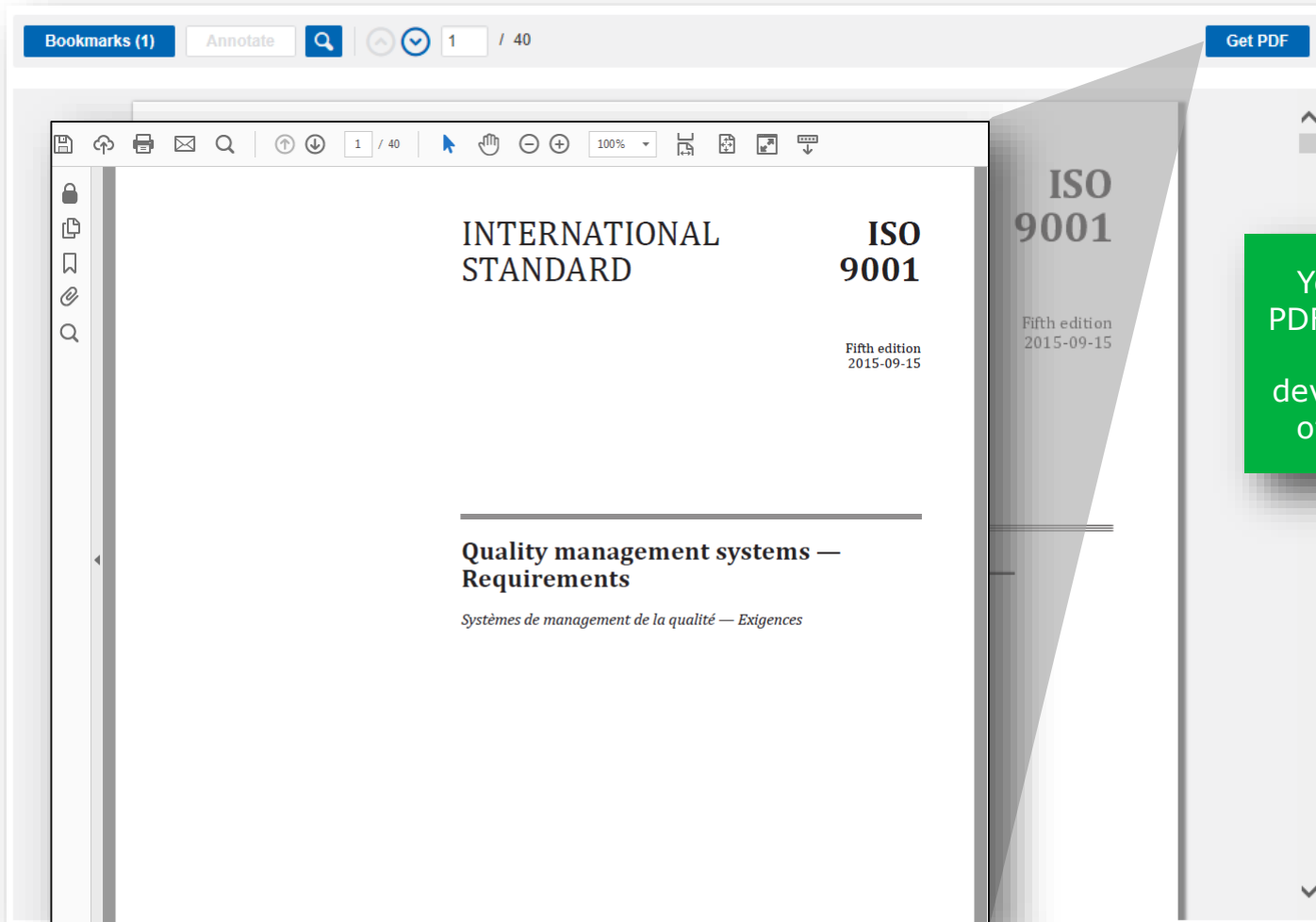
In determining the stages and controls for design and development, the organization shall consider:

- a) the nature, duration and complexity of the design and development activities;



# Document Viewer

Download a PDF for use offline



The screenshot shows a document viewer interface for the ISO 9001 standard. The viewer includes a toolbar with various icons for navigation and editing, a search bar, and a 'Get PDF' button. The document content is displayed in a large white area, and a green callout box highlights the 'Get PDF' button.

Bookmarks (1) Annotate 1 / 40 Get PDF

INTERNATIONAL STANDARD **ISO 9001** Fifth edition 2015-09-15

**ISO 9001** Fifth edition 2015-09-15

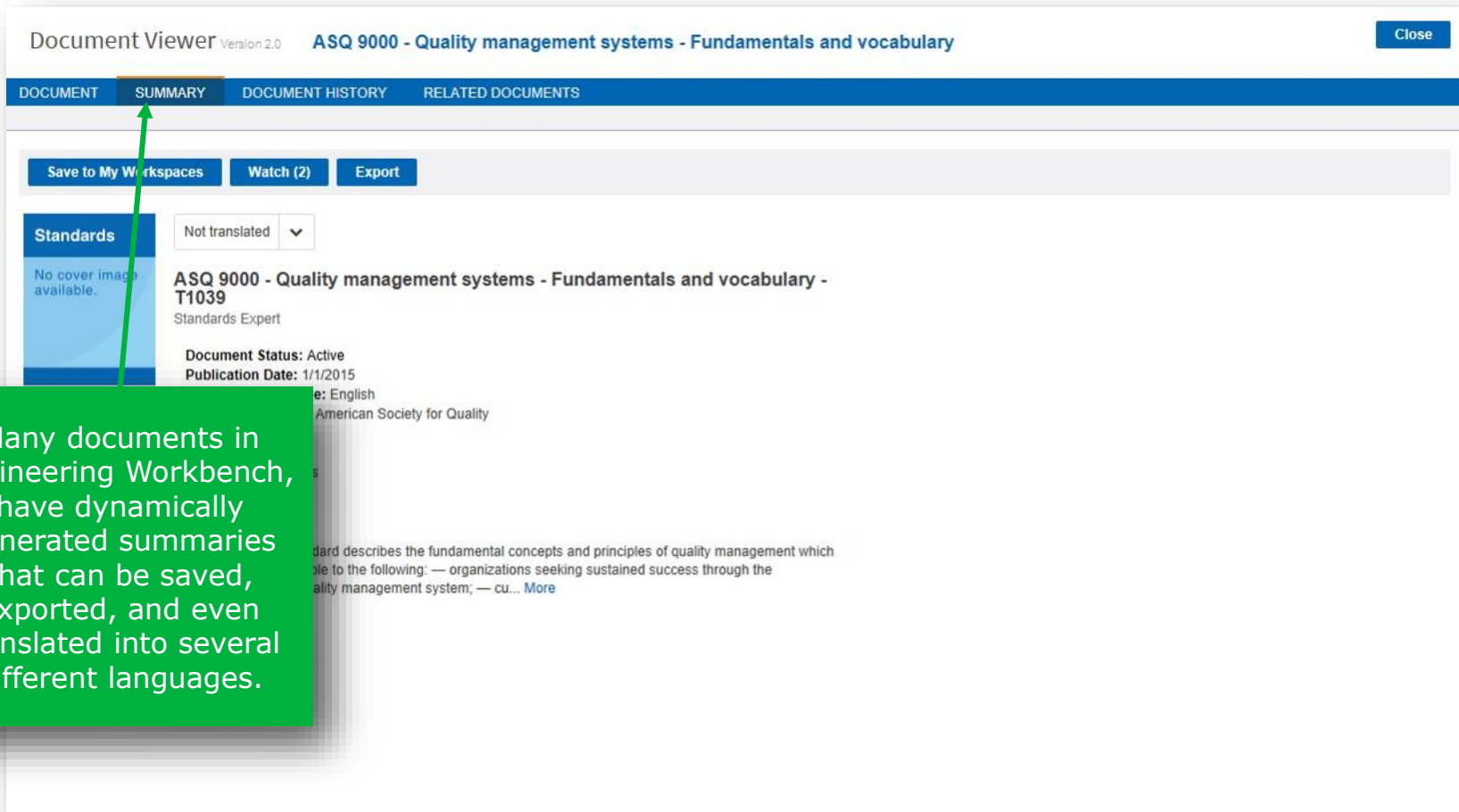
**Quality management systems — Requirements**

*Systèmes de management de la qualité — Exigences*

You can download a PDF of the document to your computer or device for personal use offline, if necessary.

# Document Viewer

*Use the Document Summary to quickly review the material*



Document Viewer Version 2.0 **ASQ 9000 - Quality management systems - Fundamentals and vocabulary** Close

DOCUMENT **SUMMARY** DOCUMENT HISTORY RELATED DOCUMENTS

Save to My Workspaces Watch (2) Export

Standards Not translated

No cover image available.

**ASQ 9000 - Quality management systems - Fundamentals and vocabulary - T1039**  
Standards Expert

Document Status: Active  
Publication Date: 1/1/2015  
Language: English  
Issued by: American Society for Quality

Standard describes the fundamental concepts and principles of quality management which apply to the following: — organizations seeking sustained success through the quality management system; — cu... [More](#)

Many documents in Engineering Workbench, have dynamically generated summaries that can be saved, exported, and even translated into several different languages.

# Document Viewer

## Translate the Document Summary

Document Viewer Version 2.0
**ASQ 9000 - Quality management systems - Fundamentals and vocabulary**
Close

DOCUMENT
SUMMARY
DOCUMENT HISTORY
RELATED DOCUMENTS

Save to My Workspaces
Watch (2)
Export

Standards

Not translated

Not translated
Chinese (Simplified)
French
German
Japanese

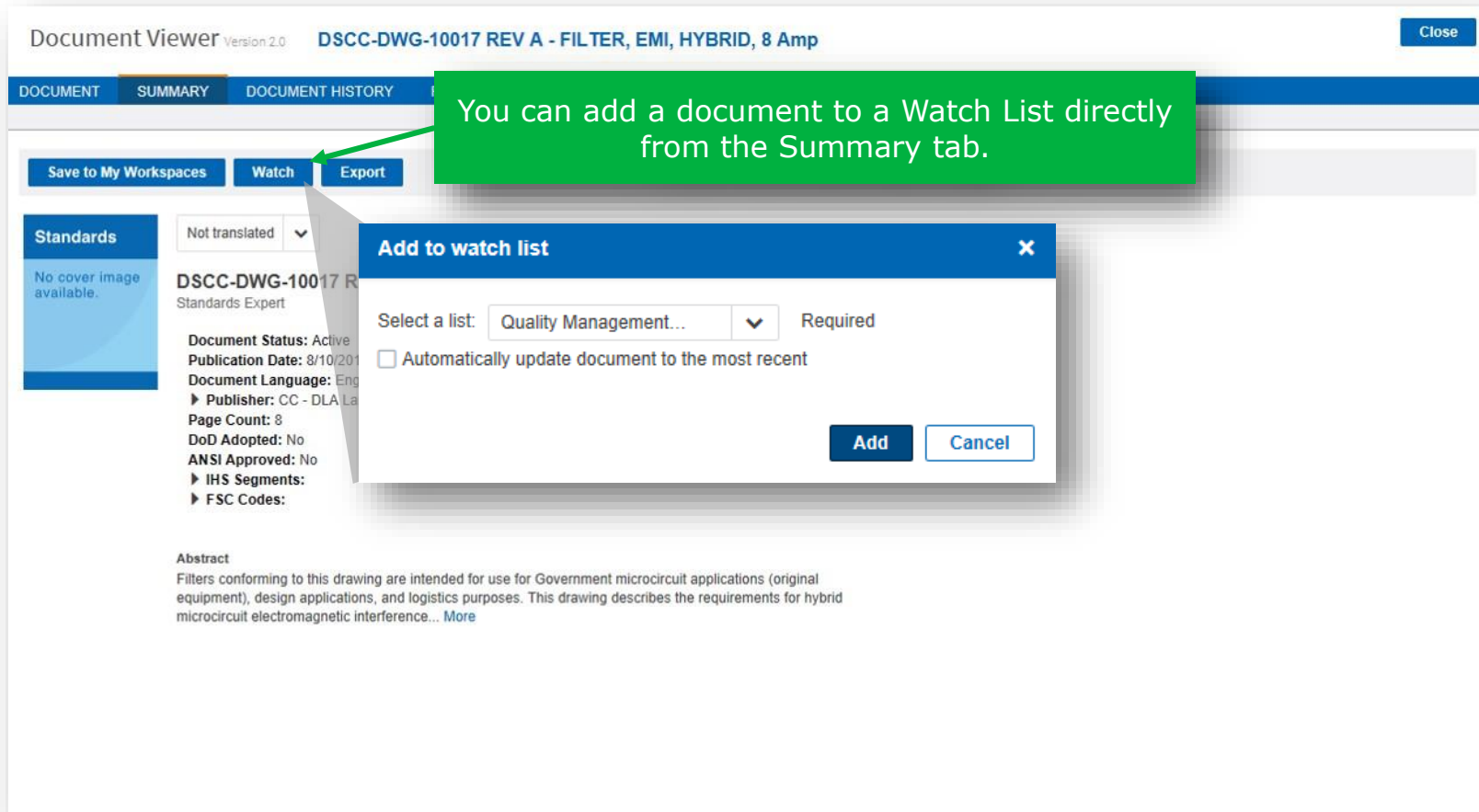
**Publication Date:** 11/02/2013  
**Document Language:** English  
**Publisher:** ASQ - American Society for Quality  
**Page Count:** 59  
**DoD Adopted:** No  
**ANSI Approved:** Yes  
**IHS Segments:**

**Abstract**  
 This International Standard describes the fundamental concepts and principles of quality management which are universally applicable to the following: — organizations seeking sustained success through the implementation of a quality management system; — cu... [More](#)

The summary, if available, can be translated into various languages, and the translations can be saved or exported to be shared with colleagues around the globe.

# Document Viewer

*Use the Document Summary to quickly review the material*



The screenshot displays the 'Document Viewer' interface for document 'DSCC-DWG-10017 REV A - FILTER, EMI, HYBRID, 8 Amp'. The 'SUMMARY' tab is active, showing document details such as 'Standards Expert', 'Document Status: Active', 'Publication Date: 8/10/2017', and 'Document Language: English'. A green callout box highlights the 'Watch' button in the top navigation bar, with the text: 'You can add a document to a Watch List directly from the Summary tab.' An 'Add to watch list' dialog box is open, allowing the user to select a list (currently 'Quality Management...') and choose whether to 'Automatically update document to the most recent'. The dialog includes 'Add' and 'Cancel' buttons.




# Document Viewer

## View Document History

Document Viewer Version 2.0 **ASME/BPVC SEC I - SECTION I RULES FOR CONSTRUCTION OF POWER BOILERS** Close

DOCUMENT SUMMARY **DOCUMENT HISTORY** RELATED DOCUMENTS

Number of revisions in history: 68

Document Number	Status	Date	Title
ASME/BPVC SEC I	Active	7/1/2015	SECTION I RULES FOR CONSTRUCTION OF POWER BOILERS Type of Change: S
ASME/BPVC SEC I	Revised	7/1/2013	SECTION I RULES FOR CONSTRUCTION OF POWER BOILERS Type of Change: St
ASME/BPVC SEC VIII-1	Revised	7/1/1998	SECTION VIII DIVISION 1 RULES FOR CONSTRUCTION OF PRESSURE VESSELS
 ASME/BPVC SEC VIII-1	Inactive	12/31/1997	SECTION VIII DIVISION 1 RULES FOR CONSTRUCTION OF PRESSURE VESSELS
 ASME/BPVC SEC VIII-1	Revised	12/31/1996	SECTION VIII DIVISION 1 RULES FOR CONSTRUCTION OF PRESSURE VESSELS - INCLUDES 1996 ADDENDA
	Revised	12/31/1995	SECTION VIII DIVISION 1 RULES FOR CONSTRUCTION OF PRESSURE VESSELS - INCLUDES 1995 ADDENDA
	Revised	7/1/1995	SECTION VIII DIVISION 1 RULES FOR CONSTRUCTION OF PRESSURE VESSELS
	Inactive	12/31/1994	SECTION VIII DIVISION 1 RULES FOR CONSTRUCTION OF PRESSURE VESSELS - INCLUDES 1994 ADDENDA
	Revised	12/31/1993	SECTION VIII DIVISION 1 RULES FOR CONSTRUCTION OF PRESSURE VESSELS - INCLUDES 1993 ADDENDA
	Revised	12/31/1992	SECTION VIII DIVISION 1 RULES FOR CONSTRUCTION OF PRESSURE VESSELS - INCLUDES 1992 ADDENDA
	Revised	7/1/1992	SECTION VIII DIVISION 1 RULES FOR CONSTRUCTION OF PRESSURE VESSELS
 ASME/BPVC SEC VIII-1	Inactive	12/31/1991	SECTION VIII DIVISION 1 RULES FOR CONSTRUCTION OF PRESSURE VESSELS

**Note:** The Document History tab shows past revisions of the document, if available, and you can click through to a prior version directly from this tab.

**Note:** Note the Shopping Cart icon indicating that this document is not part of your organization's subscription. Click the symbol for information on obtaining a copy of this document.


# Document Viewer

## View Related Documents

Document Viewer Version 2.0 **ASQ 9000 - Quality management systems - Fundamentals and vocabulary** Close






DOCUMENT SUMMARY DOCUMENT HISTORY **RELATED DOCUMENTS**

▼ This document has the following Equivalencies (1) [Disclaimer](#)

 Identical	ISO 9000	Quality management systems - Fundamentals and vocabulary - Cuarta edición
---	----------	---

▶ This document contains the following References (33)

▼ This document is Referenced By the following Documents (6)

 ASQ Q9000-2	Quality Management and Quality Assurance Standards - Part 2: Guidelines for Implementing ANSI/ISO Q9001, ANSI/ISO/ASQC Q9002 and ANSI/ISO/ASQC Q9003 - T223 E	
 CSA/AM ANSI NGV 2-2016	Compressed natural gas vehicle fuel containers - Fifth Edition	
 IEC TS 62647-21	Process management for avionics – Aerospace and defence electronic systems containing lead-free s Program management – Systems engineering guidelines for managing the transition to lead-free elect 1.0	
GSFC NASA GPR 1280.1 REV C THE GSFC QUALITY MANUAL (CANCELLING NASA GPG 1280.1)		
 SAE EIA 557B	Statistical Process Control Systems - Formerly TECHAMERICA EIA 557-B	
 SAE GEIA-HB-0005-1A	(R) Program Management/Systems Engineering Guidelines for Managing the Transition to Lead-Free	

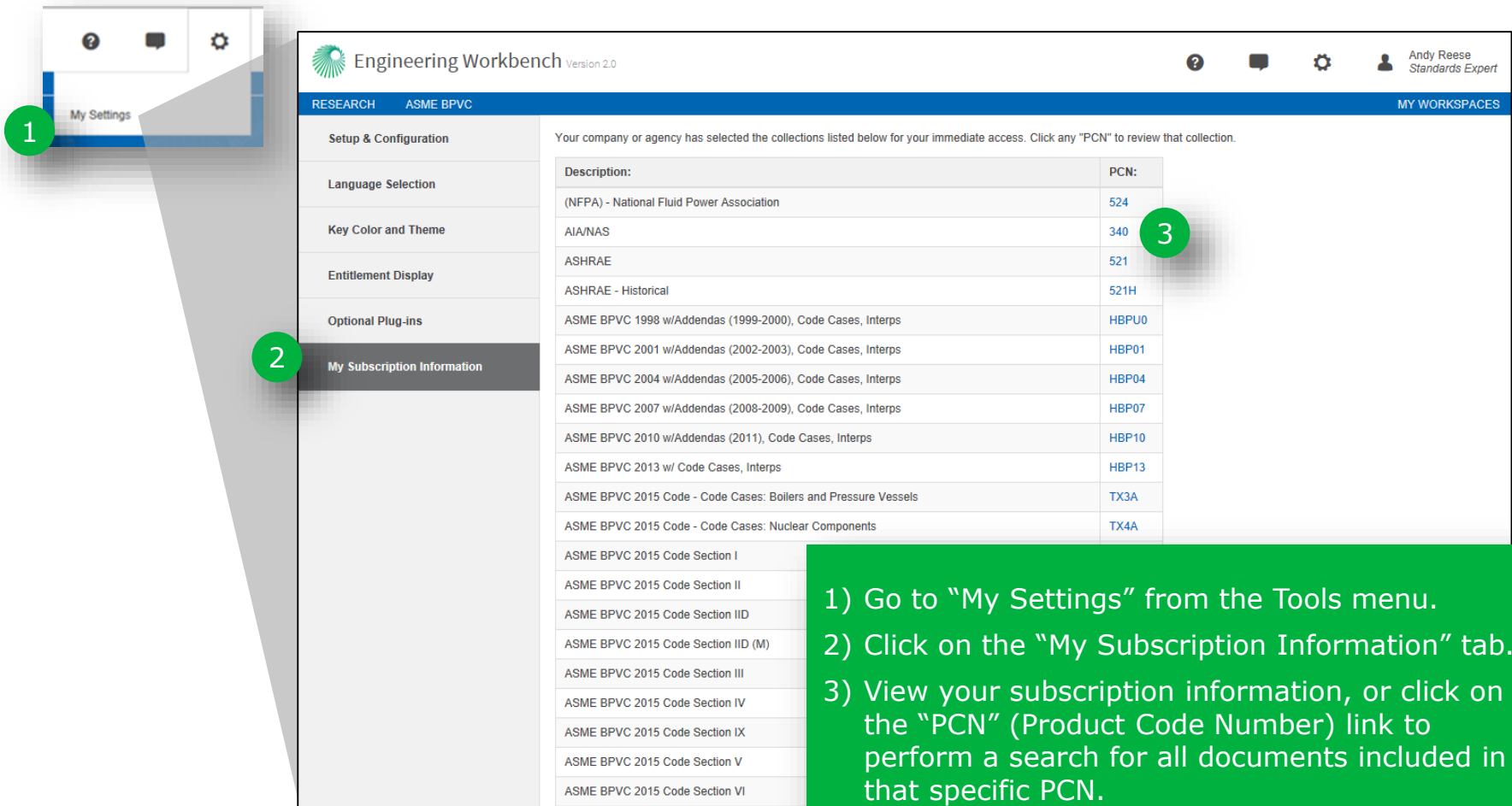
The Related Documents tab shows (where available):

- **Equivalencies** (equivalent documents from other Standards bodies);
- **References** (other documents referred to in this standard); and,
- **“Referenced by” documents** (other documents that include a reference to this standard)

You can click through to any of these documents directly from this tab.

# See What Content Is Included in Your Subscription

View the Standards and other content that you can access via your subscriptions



**1** My Settings

**2** My Subscription Information

**3** PCN

Engineering Workbench Version 2.0

Andy Reese  
Standards Expert

RESEARCH ASME BPVC MY WORKSPACES

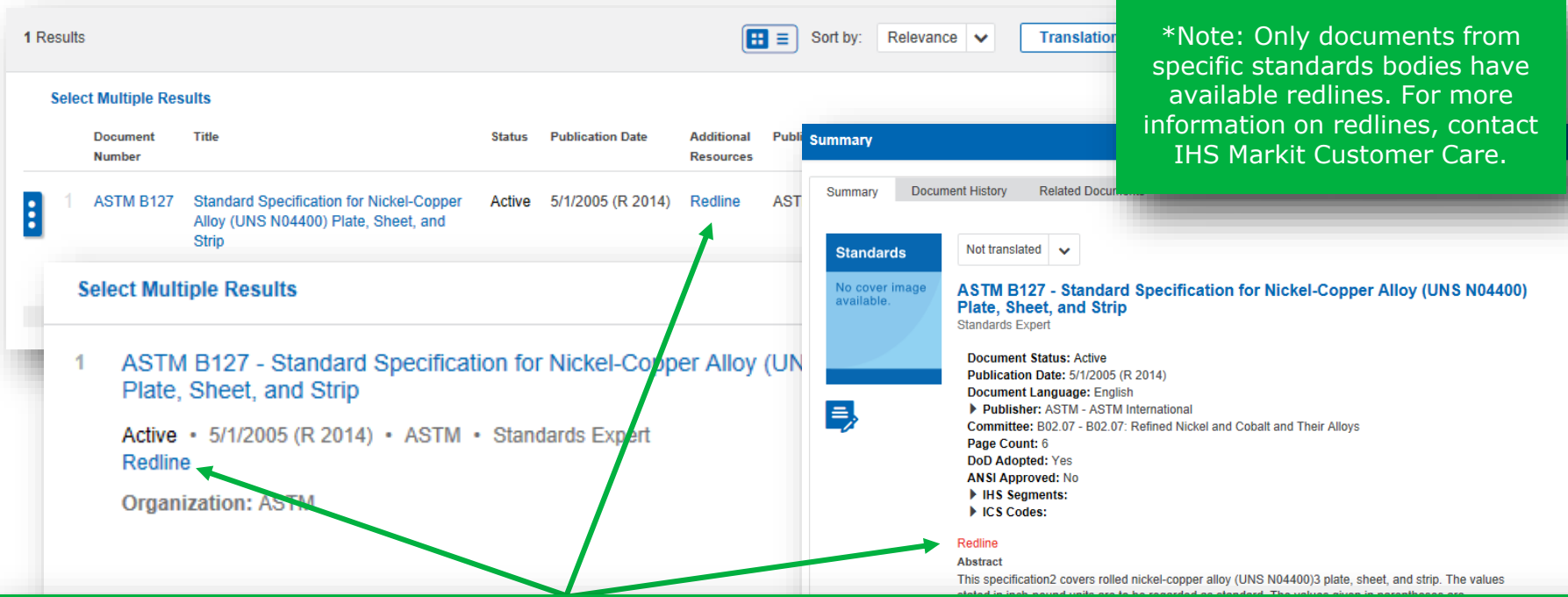
Your company or agency has selected the collections listed below for your immediate access. Click any "PCN" to review that collection.

Description:	PCN:
(NFPA) - National Fluid Power Association	524
AIA/NAS	340
ASHRAE	521
ASHRAE - Historical	521H
ASME BPVC 1998 w/Addendas (1999-2000), Code Cases, Interps	HBP00
ASME BPVC 2001 w/Addendas (2002-2003), Code Cases, Interps	HBP01
ASME BPVC 2004 w/Addendas (2005-2006), Code Cases, Interps	HBP04
ASME BPVC 2007 w/Addendas (2008-2009), Code Cases, Interps	HBP07
ASME BPVC 2010 w/Addendas (2011), Code Cases, Interps	HBP10
ASME BPVC 2013 w/ Code Cases, Interps	HBP13
ASME BPVC 2015 Code - Code Cases: Boilers and Pressure Vessels	TX3A
ASME BPVC 2015 Code - Code Cases: Nuclear Components	TX4A
ASME BPVC 2015 Code Section I	
ASME BPVC 2015 Code Section II	
ASME BPVC 2015 Code Section IID	
ASME BPVC 2015 Code Section IID (M)	
ASME BPVC 2015 Code Section III	
ASME BPVC 2015 Code Section IV	
ASME BPVC 2015 Code Section IX	
ASME BPVC 2015 Code Section V	
ASME BPVC 2015 Code Section VI	

1) Go to "My Settings" from the Tools menu.  
 2) Click on the "My Subscription Information" tab.  
 3) View your subscription information, or click on the "PCN" (Product Code Number) link to perform a search for all documents included in that specific PCN.

# Find Redline Documents

Redline documents (comparison to the previous version of a document) are now available in Engineering Workbench and accessible for organizations that subscribe to redlines\*



The screenshot displays a search interface with the following elements:

- Search Results:** A table with columns: Document Number, Title, Status, Publication Date, Additional Resources, and Publisher. One result is shown:
 

Document Number	Title	Status	Publication Date	Additional Resources	Publisher
1	ASTM B127 Standard Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip	Active	5/1/2005 (R 2014)	<a href="#">Redline</a>	ASTM
- Document Summary:** A detailed view of the document with tabs for Summary, Document History, and Related Documents. The 'Redline' tab is active.
  - Title:** ASTM B127 - Standard Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip
  - Document Status:** Active
  - Publication Date:** 5/1/2005 (R 2014)
  - Document Language:** English
  - Publisher:** ASTM - ASTM International
  - Committee:** B02.07 - B02.07: Refined Nickel and Cobalt and Their Alloys
  - Page Count:** 6
  - DoD Adopted:** Yes
  - ANSI Approved:** No
  - IHS Segments:** (None listed)
  - ICS Codes:** (None listed)
- Callout Box:** A green box on the right states: "\*Note: Only documents from specific standards bodies have available redlines. For more information on redlines, contact IHS Markit Customer Care."
  - Green arrows point from the callout box to the 'Redline' link in the search results, the 'Redline' tab in the document viewer, and the 'Redline' text in the document details.

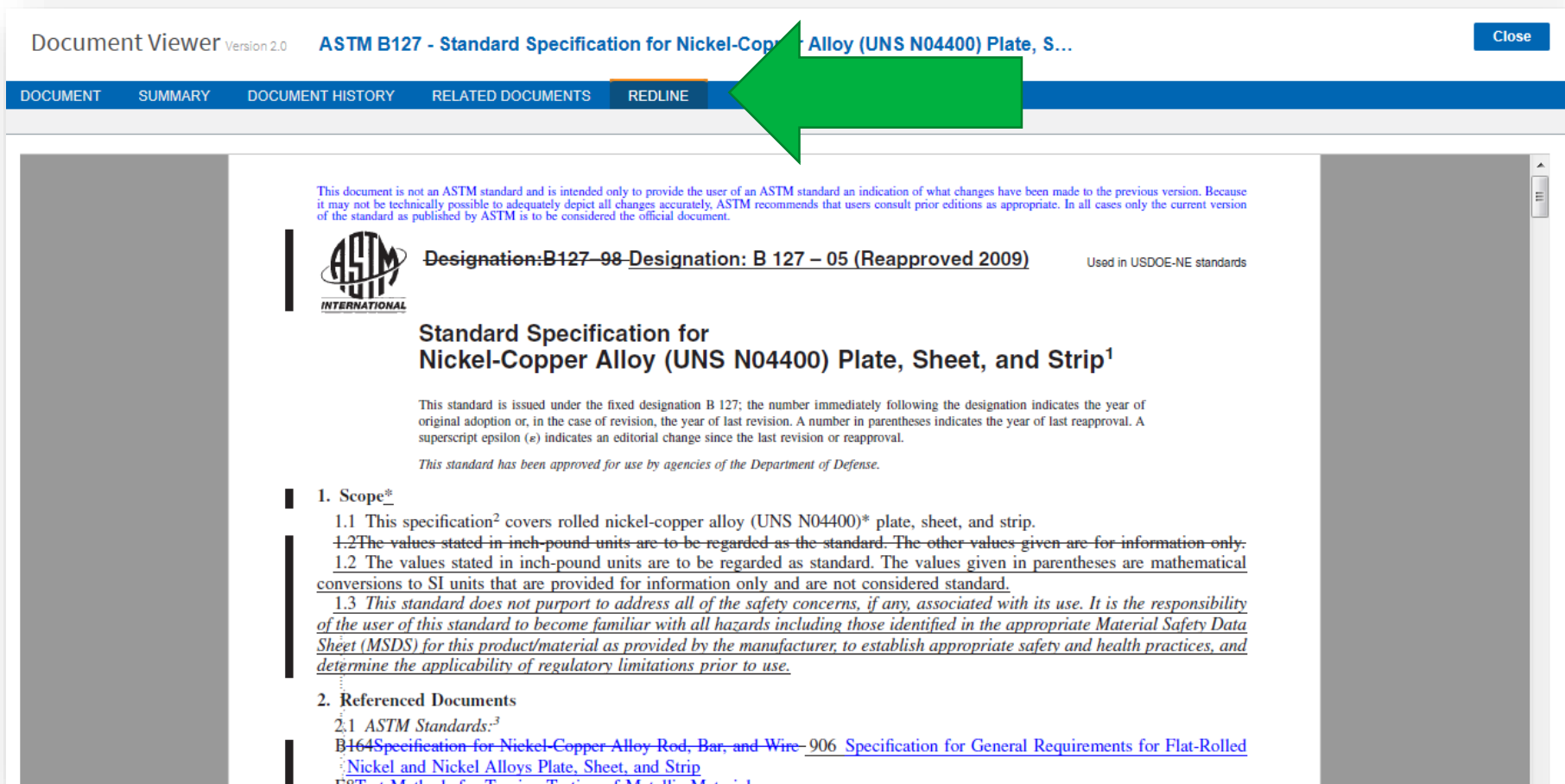
The availability of a redline version will be indicated in search results, in the document summary, or in the Related Documents tab of the Document Viewer.

If your organization's subscription includes access to a given redline document, the word "Redline" will be an active link. Clicking the link opens the document directly to the Redline tab in the Document Viewer.



# Access Redlines via the Document Viewer


Redlines can be accessed using the Redlines tab in the Document Viewer, where available



Document Viewer Version 2.0 **ASTM B127 - Standard Specification for Nickel-Copper Alloy (UNS N04400) Plate, S...** Close

DOCUMENT SUMMARY DOCUMENT HISTORY RELATED DOCUMENTS **REDLINE**

This document is not an ASTM standard and is intended only to provide the user of an ASTM standard an indication of what changes have been made to the previous version. Because it may not be technically possible to adequately depict all changes accurately, ASTM recommends that users consult prior editions as appropriate. In all cases only the current version of the standard as published by ASTM is to be considered the official document.

 **Designation:**~~B127-98~~ **Designation:** B 127 – 05 (Reapproved 2009) Used in USDOE-NE standards

## Standard Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip<sup>1</sup>

This standard is issued under the fixed designation B 127; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

*This standard has been approved for use by agencies of the Department of Defense.*

**1. Scope\***

1.1 This specification<sup>2</sup> covers rolled nickel-copper alloy (UNS N04400)\* plate, sheet, and strip.

~~1.2 The values stated in inch-pound units are to be regarded as the standard. The other values given are for information only.~~

1.2 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

1.3 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to become familiar with all hazards including those identified in the appropriate Material Safety Data Sheet (MSDS) for this product/material as provided by the manufacturer, to establish appropriate safety and health practices, and determine the applicability of regulatory limitations prior to use.*

**2. Referenced Documents**

2.1 *ASTM Standards:*<sup>3</sup>

~~B164 Specification for Nickel-Copper Alloy Rod, Bar, and Wire~~ [906 Specification for General Requirements for Flat-Rolled Nickel and Nickel Alloys Plate, Sheet, and Strip](#)

~~E8 Test Methods for Tension Testing of Metallic Materials~~

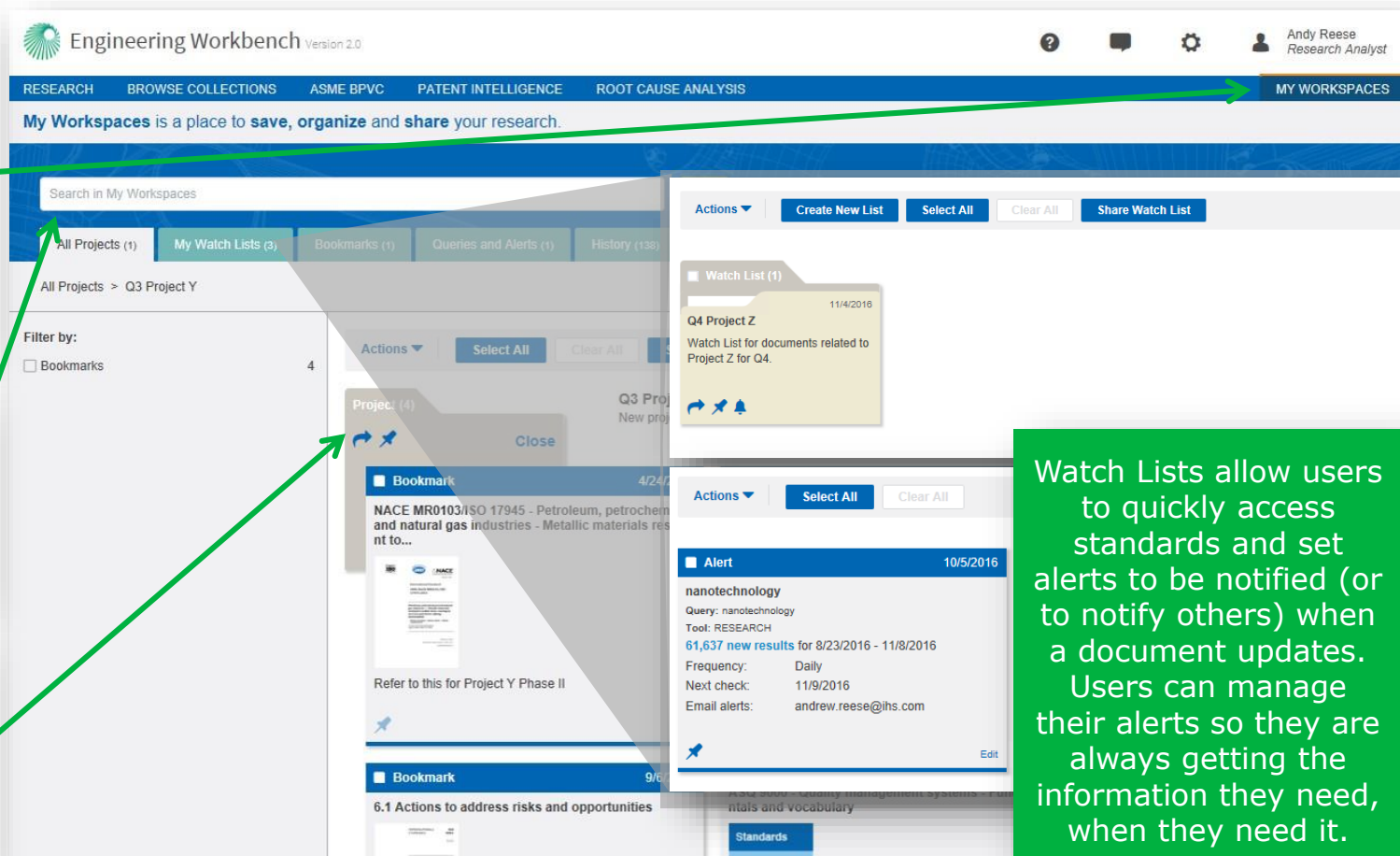
# My Workspaces

Use My Workspaces to store and organize your work documents to meet your project needs

My Workspaces puts engineers in control of their personal information and saved content within the platform.

Saved content is searchable so users can quickly find needed information.

Project Folders are sharable, so teams have a single source of truth for documentation.

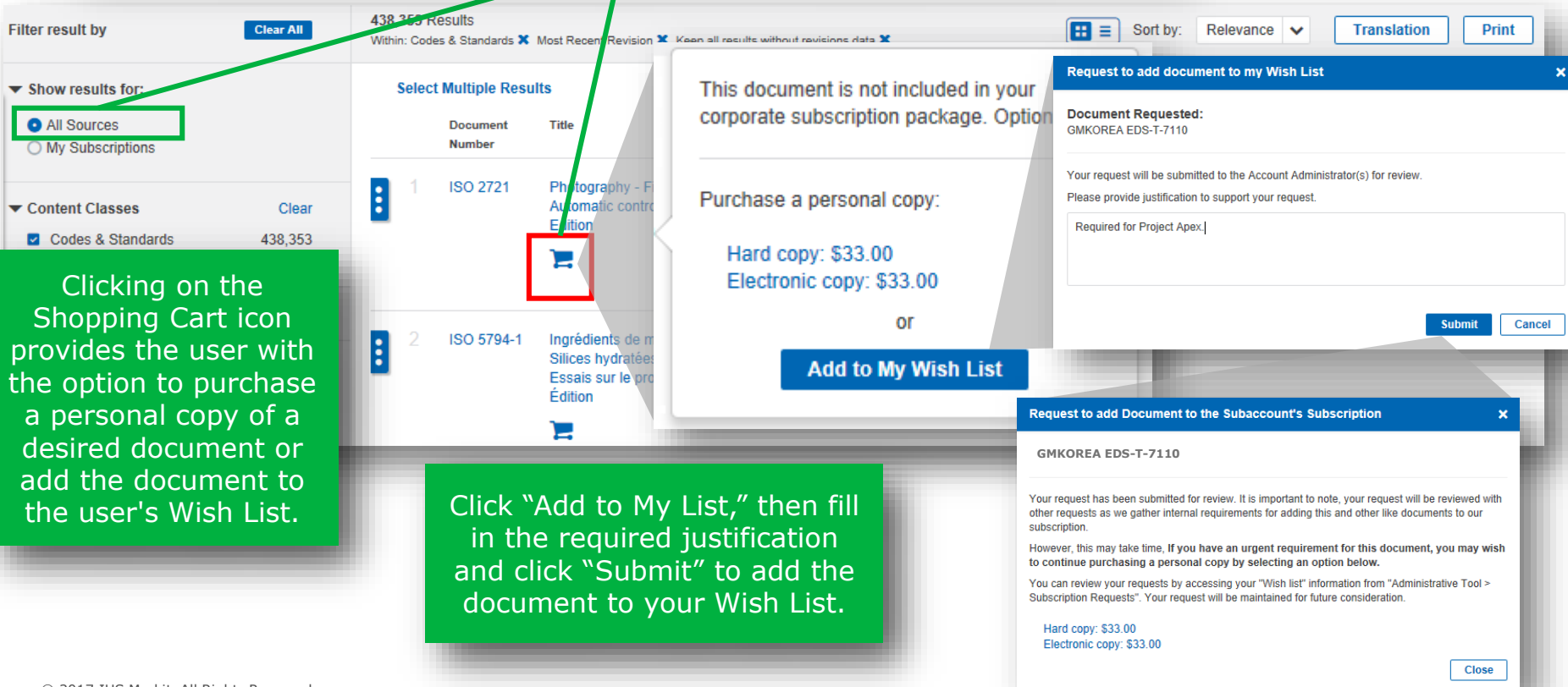


Watch Lists allow users to quickly access standards and set alerts to be notified (or to notify others) when a document updates. Users can manage their alerts so they are always getting the information they need, when they need it.

# Wish Lists / Subscription Requests

Use a Wish List / Subscription Request to add documents to your subscription

In the Search Results list, when you set the "Sources" filter to "All Sources," your results may include documents not included in your organization's current subscription, as indicated by the Shopping Cart icon.



**Filter result by** Clear All 438,353 Results  
 Within: Codes & Standards  Most Recent Revision  Keep all results without revisions data

**Show results for:**  
 All Sources  
 My Subscriptions

**Content Classes** Clear  
 Codes & Standards 438,353

**Select Multiple Results**

	Document Number	Title
1	ISO 2721	Photography - F... Automatic contro... Edition
2	ISO 5794-1	Ingrédients de m... Silices hydratées... Essais sur le pro... Edition

**This document is not included in your corporate subscription package. Option**

**Purchase a personal copy:**

Hard copy: \$33.00  
 Electronic copy: \$33.00

OR

**Add to My Wish List**

**Request to add document to my Wish List**

**Document Requested:**  
 GMKOREA EDS-T-7110

Your request will be submitted to the Account Administrator(s) for review.  
 Please provide justification to support your request.

Required for Project Apex. |

**Submit** **Cancel**

**Request to add Document to the Subaccount's Subscription**

GMKOREA EDS-T-7110

Your request has been submitted for review. It is important to note, your request will be reviewed with other requests as we gather internal requirements for adding this and other like documents to our subscription.

However, this may take time. If you have an urgent requirement for this document, you may wish to continue purchasing a personal copy by selecting an option below.

You can review your requests by accessing your "Wish list" information from "Administrative Tool > Subscription Requests". Your request will be maintained for future consideration.

Hard copy: \$33.00  
 Electronic copy: \$33.00

**Close**

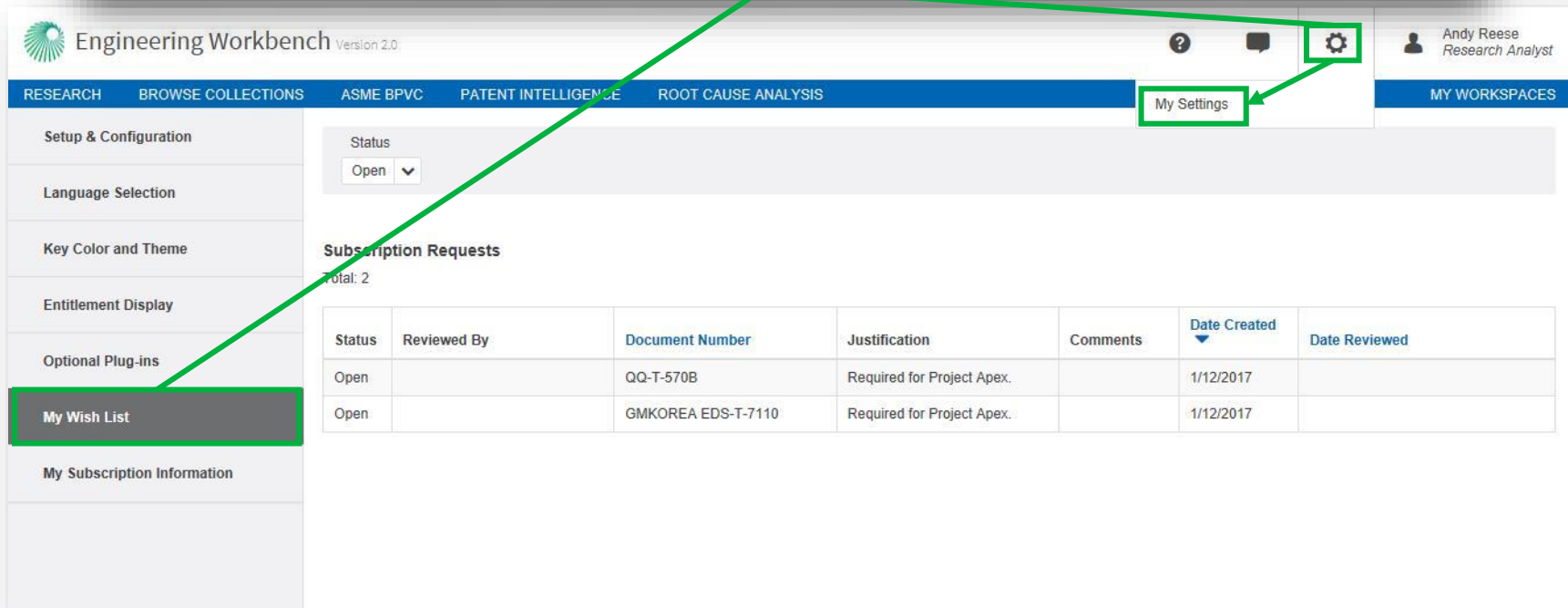
Clicking on the Shopping Cart icon provides the user with the option to purchase a personal copy of a desired document or add the document to the user's Wish List.

Click "Add to My List," then fill in the required justification and click "Submit" to add the document to your Wish List.

# Wish Lists / Subscription Requests

Use a Wish List / Subscription Request to add documents to your subscription

You can review the status of your Subscription Requests from the personal setting menu.



The screenshot shows the Engineering Workbench interface. The top navigation bar includes 'RESEARCH', 'BROWSE COLLECTIONS', 'ASME BPVC', 'PATENT INTELLIGENCE', and 'ROOT CAUSE ANALYSIS'. The user profile 'Andy Reese, Research Analyst' is visible in the top right. A green box highlights the 'My Settings' link in the top right, and another green box highlights the 'My Wish List' link in the left sidebar. A table titled 'Subscription Requests' is displayed, showing two requests with status 'Open'.

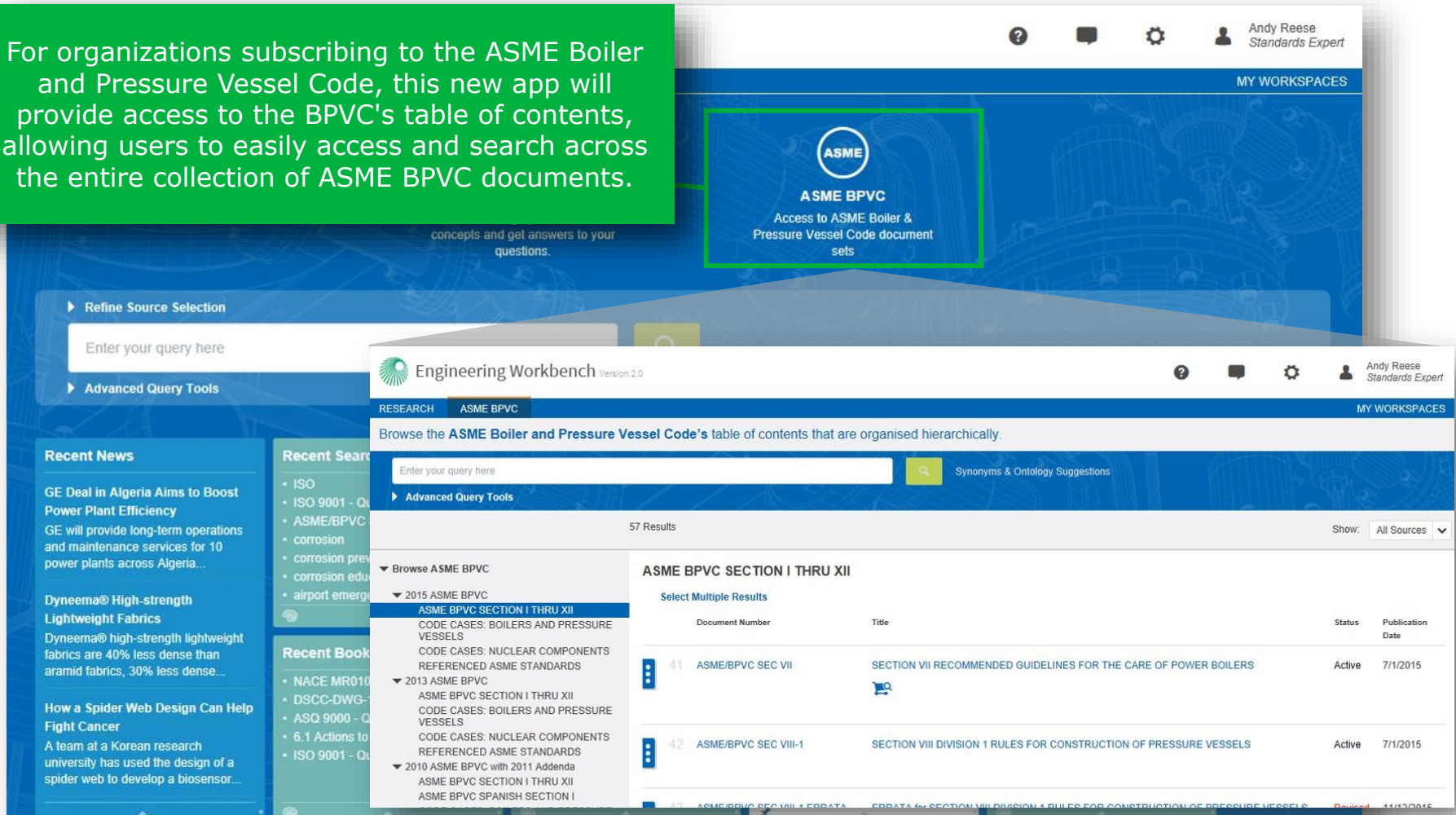
Status	Reviewed By	Document Number	Justification	Comments	Date Created	Date Reviewed
Open		QQ-T-570B	Required for Project Apex.		1/12/2017	
Open		GMKOREA EDS-T-7110	Required for Project Apex.		1/12/2017	

For guidance on Administrator capabilities for managing Subscription Requests, review the [Engineering Workbench 1.4 Release Notes](#).

# ASME BPVC App

Use the BPVC Table of Contents to quickly search and access the Boiler Code

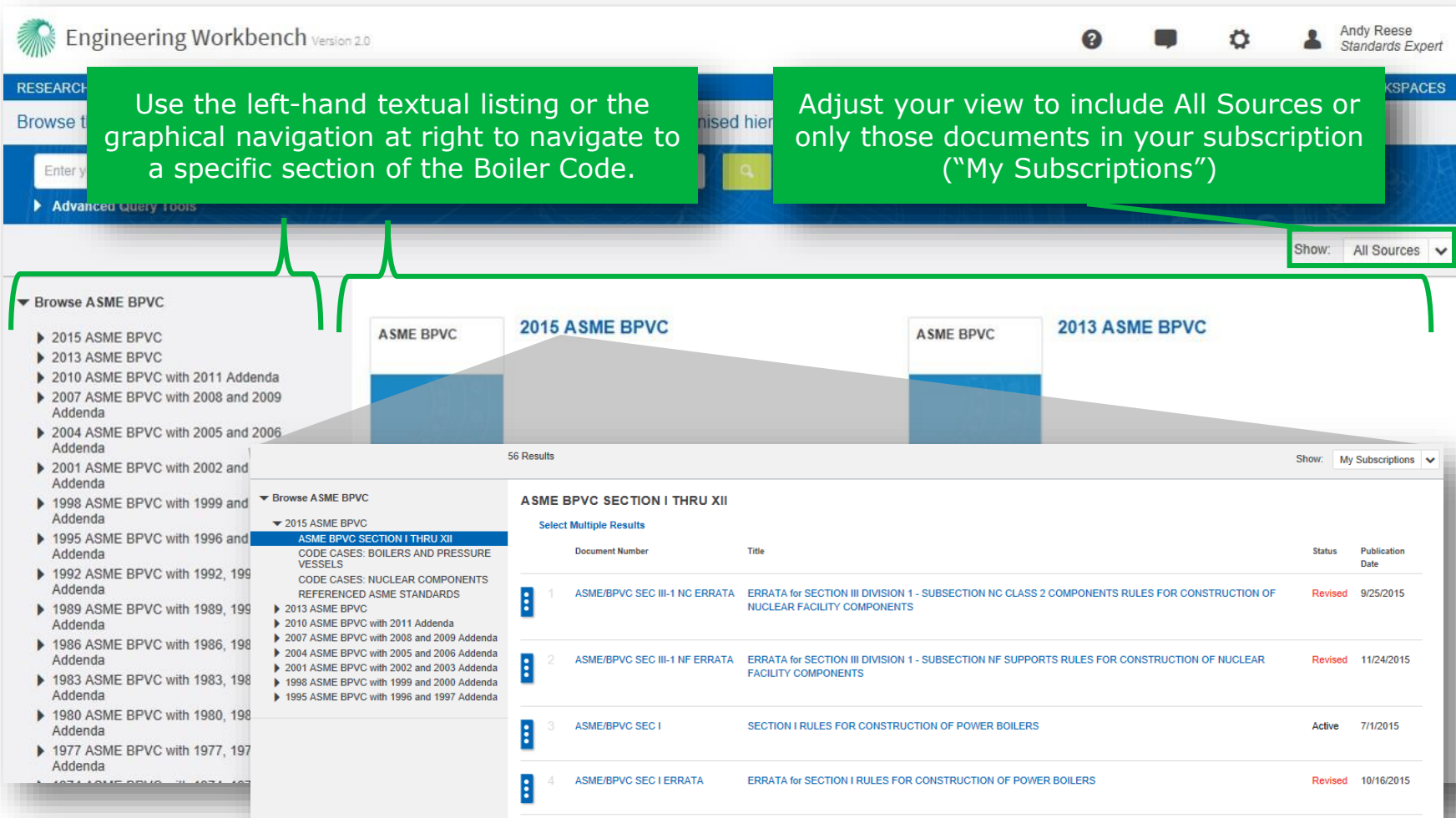
For organizations subscribing to the ASME Boiler and Pressure Vessel Code, this new app will provide access to the BPVC's table of contents, allowing users to easily access and search across the entire collection of ASME BPVC documents.



The screenshot displays the ASME BPVC app interface. At the top, a navigation bar includes a user profile for Andy Reese, Standards Expert, and a 'MY WORKSPACES' section. A central banner features the ASME logo and the text 'ASME BPVC Access to ASME Boiler & Pressure Vessel Code document sets'. Below this, a search bar is present with the text 'Enter your query here'. The main content area shows a search result for 'ASME BPVC SECTION I THRU XII' with 57 results. A table lists document numbers and titles, such as 'SECTION VII RECOMMENDED GUIDELINES FOR THE CARE OF POWER BOILERS' and 'SECTION VIII DIVISION 1 RULES FOR CONSTRUCTION OF PRESSURE VESSELS'. A sidebar on the left contains 'Recent News' and 'Recent Search' sections.

# ASME BPVC App

Use the BPVC Table of Contents to quickly search and access the Boiler Code

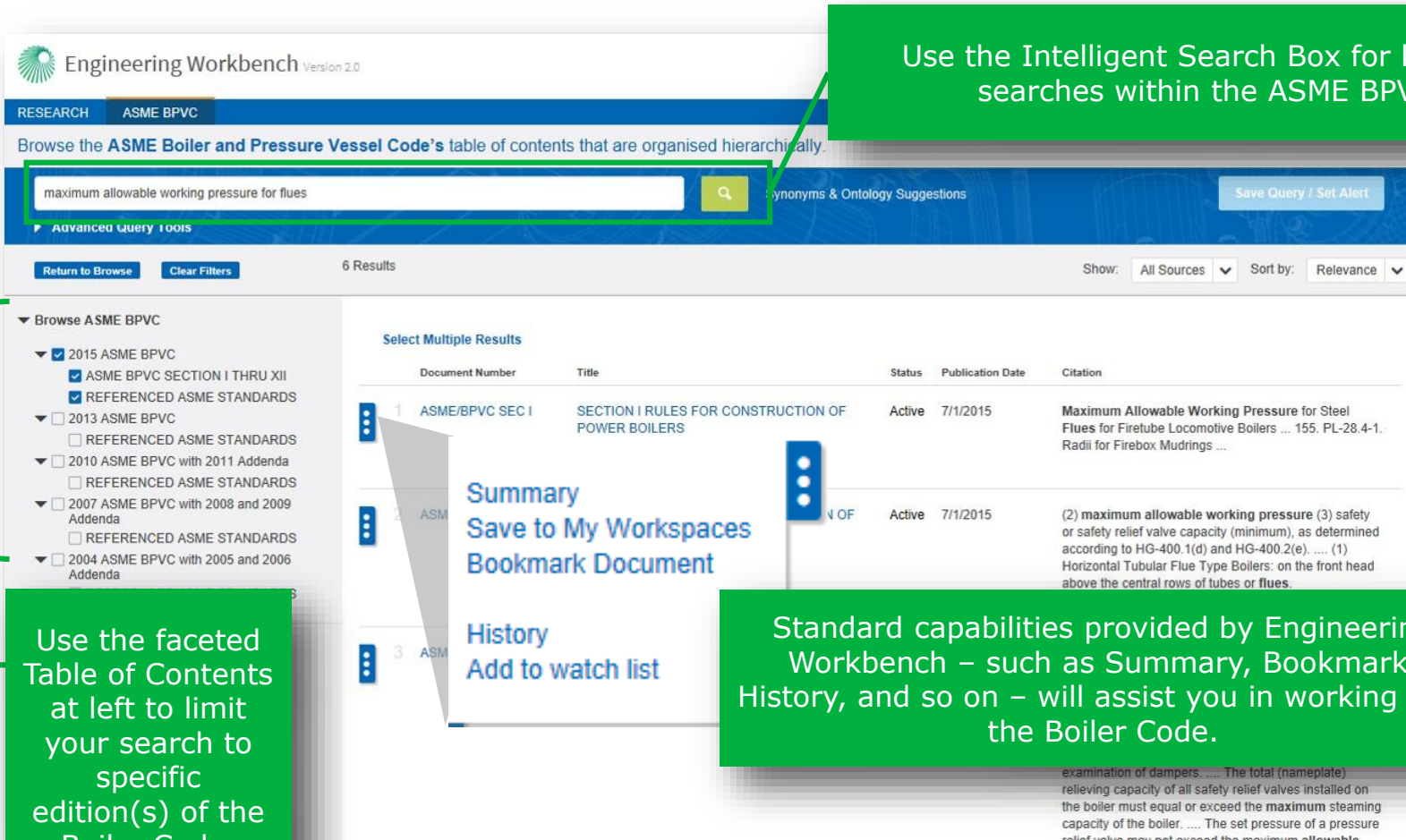


The screenshot shows the ASME BPVC App interface. At the top, it says "Engineering Workbench Version 2.0" and "Andy Reese Standards Expert". The left-hand side has a "Browse ASME BPVC" menu with a list of years and addenda. A callout box points to this menu, stating: "Use the left-hand textual listing or the graphical navigation at right to navigate to a specific section of the Boiler Code." The right-hand side has a "Browse ASME BPVC" graphical navigation area with callouts for "2015 ASME BPVC" and "2013 ASME BPVC". Another callout box points to a "Show:" dropdown menu, stating: "Adjust your view to include All Sources or only those documents in your subscription ('My Subscriptions')". The main content area shows "56 Results" and a table of results for "ASME BPVC SECTION I THRU XII".

Document Number	Title	Status	Publication Date
1	ASME/BPVC SEC III-1 NC ERRATA ERRATA for SECTION III DIVISION 1 - SUBSECTION NC CLASS 2 COMPONENTS RULES FOR CONSTRUCTION OF NUCLEAR FACILITY COMPONENTS	Revised	9/25/2015
2	ASME/BPVC SEC III-1 NF ERRATA ERRATA for SECTION III DIVISION 1 - SUBSECTION NF SUPPORTS RULES FOR CONSTRUCTION OF NUCLEAR FACILITY COMPONENTS	Revised	11/24/2015
3	ASME/BPVC SEC I SECTION I RULES FOR CONSTRUCTION OF POWER BOILERS	Active	7/1/2015
4	ASME/BPVC SEC I ERRATA ERRATA for SECTION I RULES FOR CONSTRUCTION OF POWER BOILERS	Revised	10/16/2015

# ASME BPVC App

Use the BPVC Table of Contents to quickly search and access the Boiler Code



Engineering Workbench Version 2.0

RESEARCH ASME BPVC

Browse the **ASME Boiler and Pressure Vessel Code's** table of contents that are organised hierarchically.

maximum allowable working pressure for flues

Advanced Query Tools

Return to Browse Clear Filters 6 Results Show: All Sources Sort by: Relevance

**Browse ASME BPVC**

- 2015 ASME BPVC
  - ASME BPVC SECTION I THRU XII
  - REFERENCED ASME STANDARDS
- 2013 ASME BPVC
  - REFERENCED ASME STANDARDS
- 2010 ASME BPVC with 2011 Addenda
  - REFERENCED ASME STANDARDS
- 2007 ASME BPVC with 2008 and 2009 Addenda
  - REFERENCED ASME STANDARDS
- 2004 ASME BPVC with 2005 and 2006 Addenda

Select Multiple Results

Document Number	Title	Status	Publication Date	Citation
1	ASME/BPVC SEC I SECTION I RULES FOR CONSTRUCTION OF POWER BOILERS	Active	7/1/2015	Maximum Allowable Working Pressure for Steel Flues for Firetube Locomotive Boilers ... 155. PL-28.4-1. Radii for Firebox Mudrings ...
2	ASME/BPVC SEC II PART 1 DIVISION 1 RULES FOR CONSTRUCTION OF STEEL BOILERS AND PRESSURE VESSELS	Active	7/1/2015	(2) maximum allowable working pressure (3) safety or safety relief valve capacity (minimum), as determined according to HG-400.1(d) and HG-400.2(e). .... (1) Horizontal Tubular Flue Type Boilers: on the front head above the central rows of tubes or flues.
3	ASME/BPVC SEC II PART 2 DIVISION 2 RULES FOR CONSTRUCTION OF STEEL BOILERS AND PRESSURE VESSELS	Active	7/1/2015	examination of dampers. .... The total (nameplate) relieving capacity of all safety relief valves installed on the boiler must equal or exceed the maximum steaming capacity of the boiler. .... The set pressure of a pressure relief valve may not exceed the maximum allowable

Summary  
Save to My Workspaces  
Bookmark Document  
History  
Add to watch list

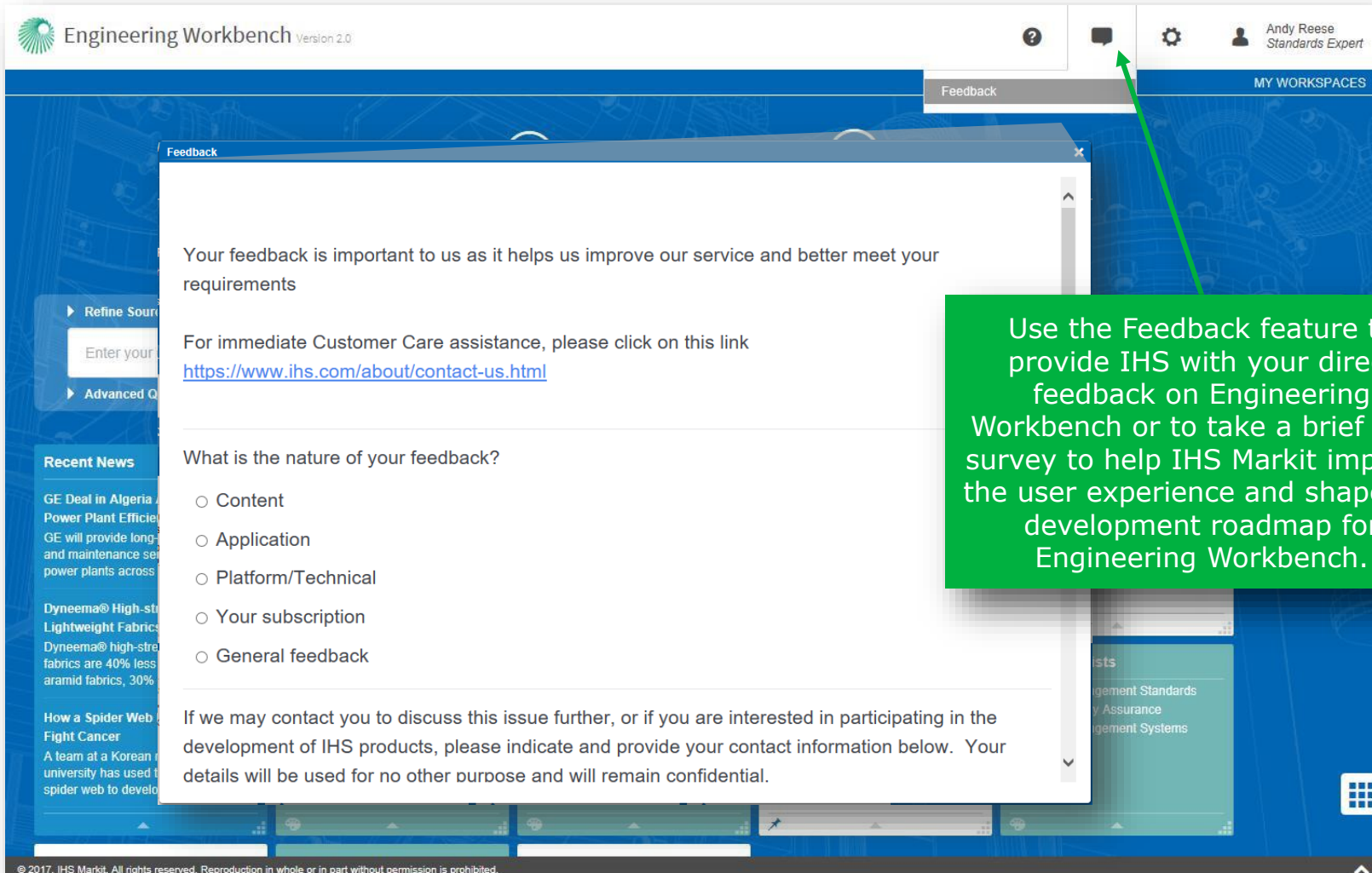
Use the Intelligent Search Box for keyword searches within the ASME BPVC.

Use the faceted Table of Contents at left to limit your search to specific edition(s) of the Boiler Code.

Standard capabilities provided by Engineering Workbench – such as Summary, Bookmark, History, and so on – will assist you in working with the Boiler Code.

# In-Product Help

## Feedback feature



Engineering Workbench Version 2.0

Feedback

Andy Reese  
Standards Expert

MY WORKSPACES

Feedback

Your feedback is important to us as it helps us improve our service and better meet your requirements

For immediate Customer Care assistance, please click on this link  
<https://www.ihs.com/about/contact-us.html>

What is the nature of your feedback?

- Content
- Application
- Platform/Technical
- Your subscription
- General feedback

If we may contact you to discuss this issue further, or if you are interested in participating in the development of IHS products, please indicate and provide your contact information below. Your details will be used for no other purpose and will remain confidential.

Use the Feedback feature to provide IHS with your direct feedback on Engineering Workbench or to take a brief user survey to help IHS Markit improve the user experience and shape the development roadmap for Engineering Workbench.

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# For assistance with Engineering Workbench

Contact the IHS Markit Customer Care Center of Excellence for your region

## IHS Markit Customer Care

**Monday 12:00am (UTC) to Saturday 12:00am (UTC)**  
(Sunday 8:00 PM ET to Friday 8:00 PM ET)

### Phone

**Americas:**

Toll Free: +1 800 447 2273

Outside US/Canada: +1 303 858 6187

**Europe, Middle East, Africa:**

+44 1344 328 300

**Asia Pacific:**

+604 291 3600

### Email / Chat

**Global Email:** [CustomerCare@ihsmarkit.com](mailto:CustomerCare@ihsmarkit.com)

**Chat:** [www.ih.com/CustomerCare](http://www.ih.com/CustomerCare)

**Web Page:** [www.ih.com/CustomerCare](http://www.ih.com/CustomerCare)