



Standards on Compendex in Engineering Village™

Fact Sheet

Introducing Technical Standards on Compendex in Engineering Village

From oil rigs & modern aircraft to flashlights & lighters, technical standards are the building blocks of how all engineering projects get built. However, engineers and researchers need a complete suite of validated information to innovate, build, and sustain.

Compendex on Engineering Village allow you to discover technical standards alongside the guidance on how to achieve them.

Standards on Engineering Village are:

Validated and Trustworthy

Sourced from major standards providers.

Quickly Discoverable

Through controlled vocabulary and precise indexing.

Having standards on Compendex in Engineering will help:

Companies more quickly find standards they need in order to innovate, reduce costs, and improve quality in the international marketplace.

Academic institutions teach standards to students entering industry and help students/researchers working on industry-funded projects.

With standards and technical engineering records side by side, you can answer questions like:



What specifications does this project require?



Who are the thought leaders of my topic of interest and what are they saying?



What breakthroughs have occurred and how do they affect my project?



What have others done in this field that should be replicated and/or avoided?

What standards are included in Engineering Village?

IEEE

IEEE is a leading developer of industry standards in a broad range of technologies that drive the functionality, capabilities, and interoperability of a wide range of products and services, transforming how people live, work, and communicate.

– Taken from www.ieee.org

SMPTE

SMPTE standards touch nearly every piece of motion-imaging content consumed by billions of viewers around the world, ensuring that content is seen and heard in the highest possible quality on any display screen.

– Taken from www.smpte.org

The screenshot shows the Engineering Village search interface with results for IEEE standards. The 'Refine' sidebar on the left includes filters for 'By category' (Standard, 13873), 'Document type' (Standard, 428), and 'Author' (13 authors listed). The main results list three items:

- IEEE Standard Test Procedure for Polyphase Induction Motors and Generators**
Source: IEEE Std 112-2017 (Revision of IEEE Std 112-2004), p 1-115, February 14, 2018
Versions: 4
Status: Active - Approved
Database: Compendex
Detailed Show preview Full text? Check local full text?
- IEEE Standard for Test Methods and Performance Values for Metal-Oxide Varistor Surge Protective Components**
Source: IEEE Std C62.33-2016 (Revision of IEEE Std C62.33-1982), p 1-46, January 29, 2018
Versions: 1
Status: Active - Approved
Database: Compendex
Detailed Show preview Full text? Check local full text?
- IEEE Standard for Local and metropolitan area networks - Bridges and Bridged Networks - Amendment 24: Path Control and Reservation**
Source: IEEE Std 802.1Q-2013 (Amendment to IEEE Std 802.1Q-2014 as amended by IEEE Std 802.1Q-2015 and IEEE Std 802.1Q-2014/Cor 1-2015), p 1-120, March 13, 2016
Versions: 1
Status: Active - Approved
Database: Compendex
Detailed Show preview Full text? Check local full text?

The screenshot shows the Engineering Village search interface with results for SMPTE standards. The 'Refine' sidebar on the left includes filters for 'By category' (Standard, 428) and 'Document type' (Standard, 428). The main results list three items:

- SMPTE Labels Register**
Source: RP 2246:2011, p 1-4, February 16, 2011
Versions: 1
Status: Active - Stable
Database: Compendex
Detailed Show preview Full text? Check local full text?
- SMPTE Labels Register**
Source: RP 2246:2012, p 1-5, April 18, 2012
Versions: 1
Status: Active - Stable
Database: Compendex
Detailed Show preview Full text? Check local full text?
- SMPTE Core Metadata**
Source: ST 2102:2017, p 1-30, November 1, 2017
Versions: 2
Status: Active - Stable
Database: Compendex
Detailed Show preview Full text? Check local full text?

ASTM

More than 12,000+ ASTM standards are used worldwide to improve product quality, enhance safety and facilitate trade.

– Taken from www.astm.org

Ei Backfile

7,800+ standards from Ei Backfile (1884-1969)

The screenshot shows the Engineering Village search interface with results for ASTM standards. The 'Refine' sidebar on the left includes filters for 'By category' (Standard, 60848) and 'Author' (13 authors listed). The main results list three items:

- Standard Practice for Identification of Standard Electrical Steel Grades in ASTM Specifications**
Source: ASTM International, 2011
Versions: 5
Status: Inactive - Historical, Revision
Database: Compendex
Detailed Show preview Full text? Check local full text?
- Standard Practice for Identification of Standard Electrical Steel Grades in ASTM Specifications**
Source: ASTM International, 2014
Versions: 5
Status: Inactive - Historical, Revision
Database: Compendex
Detailed Show preview Full text? Check local full text?
- Standard Practice for Statistical Analysis of Toxicity Tests Conducted Under ASTM Guidelines**
Source: Standard Practice for Statistical Analysis of Toxicity Tests Conducted Under ASTM Guidelines, 2013
Versions: 4
Status: Active - Reapproval
Database: Compendex
Detailed Show preview Full text? Check local full text?

The screenshot shows the Engineering Village record view for a safety code. The record is titled 'Safety code for mechanical refrigeration' and is from 'American engineering industrial standards, n 8 9, 27a, 1930'. The abstract describes the code's application to safe installation, operation, and inspection of refrigerating systems. The record includes a 'Full text' link and a 'Check local full text' button. The footer contains navigation links for Ei, Engineering Village, and Customer Service.

Engineering Village

Engineering Village is an engineering search & discovery platform that provides the quality content, analytics, and intelligence needed for engineers to improve their research success.

For more information or a product demonstration, visit:

elsevier.com/engineeringvillage

or contact your nearest Elsevier office.

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