

What are standards?

Standards create consistency in industry by establishing practices, technical requirements, and terminology. They are developed by experts at accredited standards organizations and bodies to ensure the safety, consistency, quality and compatibility of products, processes and systems. (Standards Council of Canada, 2018; ANSI, 2018)

How to read a standard

Standards generally have the following sections:

Cover page

Contents

Foreword

Introduction

Scope

References

Terms and definitions

Requirements

Information for guidance and bibliography

How to read a standard code

Most standard codes will include the following information:

Standards Organization - Subject Category - Standard Number - Year

Examples:

ULC-S651:2016

Underwriters' Laboratories of Canada - S600 Gas and Oil Equipment - 651 - 2016

ASTM C90-15

ASTM International - C Construction - 90 – 2015

Consult with your professor, course outline, or project description to verify which citation style to use.

APA	
Print	<p>Standards organization (Year). <i>Standard name</i> (standard number). Place of publication: Publisher.</p> <p>Underwriters' Laboratories of Canada (2016). <i>Standard for Emergency Valves for Flammable and Combustible Liquids</i> (CAN/ULC-S651:2016). Toronto: Underwriters' Laboratories of Canada.</p> <p>In-Text citation: (ULC, 2016)</p>

Online	<p>Standards organization (Year). <i>Standard name</i> (standard number). Place of publication: Publisher. Retrieved from URL</p> <p>ULC (2014). <i>Standard for Steel Underground Tanks for Flammable and Combustible Liquids</i> (CAN/ULC-S603-14). Toronto: Underwriters' Laboratories of Canada. Retrieved from https://canada.ul.com/public-access-canulc-s603-14-standard-for-steel-underground-tanks-for-flammable-liquids-and-combustible-liquids/</p> <p>In-Text citation: (ULC, 2014)</p>
Standards Organizations & Bodies	
➤ ASTM International, ASME and IEEE have all defined their own format for citing standards	
ASTM International	<p>Issuing Body Standard number, Date, "Title of Standard", Publisher, City, State, Year, DOI, Publisher Website.</p> <p>ASTM Standard C90-15, 2015, "Standard Specification for Loadbearing Concrete Masonry Units," ASTM International, West Conshohocken, PA, 2015, DOI: 1.1520/C0090-15, www.astm.org.</p>
<p>ASME</p> <p>Note: Within the text, standards are numbered similar to a footnote, which refers to the numbered reference list at the end of the paper</p>	<p>[Citation Number] Standards Organization, Year, "Standard Name", Standard Number.</p> <p>[1] ASME, 2015, "Code for Existing Elevators and Escalators", ASME A17.3.</p> <p>[2] ASME, 2017, "Safety Standard for Platform Lifts and Stairway Chairlifts", ASME A18.1.</p>
<p>IEEE</p> <p>Note: Within the text, standards are numbered similar to a footnote, which refers to the numbered reference list at the end of the paper</p>	<p>[Citation Number] <i>Title of Standard</i>, Standard number-date.</p> <p>[1] <i>IEEE Standard for High-Voltage Testing Techniques</i>, IEEE 4-2013.</p> <p>[2] <i>IEEE Standard for Ethernet</i>, IEEE 802.3-2012.</p>
<p>ANSI</p> <p>Print</p> <p>Online</p>	<p>Bibliography:</p> <p>Name of Standards Organization. <i>Title of standard</i>. Standard Number. City, State: Publisher. Publication Date.</p> <p>———. <i>Structural Glued Laminated Timber for Utility Structures</i>. ANSI O5.2-2012. Washington, DC: ANSI. 2012.</p> <p>Name of Standards Organization. <i>Title of standard</i>. Standard Number. City, State: Publisher. Publication Date. URL</p> <p>American National Standards Institute. <i>American National Standard for Industrial Head Protection</i>. ANSI/ISEA 789.1-2014. Washington, DC: ANSI. Revised May 15, 2015. http://www.grainger.com/content/qt-241-hard-hat-requirements</p>

<p>ANSI</p> <p>Print</p> <p>Online</p> <p>Note: ANSI recommends using Chicago Manual of Style, section 14.259 “Source Citations for Standards”. With this style footnotes are used rather than in-text citations.</p>	<p>Footnote:</p> <p>Citation number. <i>Title of Standard</i>, Standard Number (City, State: Publisher, Date).</p> <p><i>Structural Glued Laminated Timber for Utility Structures</i>, ANSI O5.2-2012 (Washington, DC: ANSI, 2012).</p> <p>Citation number. Title of Standard, Standard Number (City, State: Publisher, Date), URL</p> <p><i>American National Standard for Industrial Head Protection</i>, ANSI/ISEA 789.1-2014 (Washington, DC: ANSI, revised May 15, 2015), http://www.grainger.com/content/qt-241-hard-hat-requirements</p>
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Additional Information

- APA Style Blog: How to Cite Quality Standards and Guidelines in APA Style <http://blog.apastyle.org/apastyle/2017/01/how-to-cite-quality-standards-and-guidelines-in-apa-style.html>
- Referencing ASTM Standards <https://www.astm.org/Msgs/citing.htm>
- ASME Citations & References <http://www.asme.org/shop/proceedings/conference-publications/references>
- IEEE Standards Style Manual <https://development.standards.ieee.org/myproject/Public/mytools/draft/styleman.pdf>
- UOIT Citing Standards Guide <http://guides.library.uoit.ca/standards/citing>
- Chicago Manual of Style 17th edition. Available in print in the library, call number **Z253.U69 2017**