

WELDING TECHNOLOGY

This is a guide to the Library's collection in Welding Technology. It is not comprehensive, but rather provides a good starting point for research. From these sources, you may be able to locate other related works. Please don't hesitate to ask a librarian if you need further assistance.

Subject Headings:

Electric Welding	Welded Joints	Welded Steel Structures
Welding	Welding – Automation	Welding – Drawings
Welding – Notation	Welding – Safety Measures	Welding – Technique

Call Numbers For Browsing:

T 351-385	Mechanical Drawing	TA 1-2040	Engineering – General
TK 4660-7725	Arc Welding	TN 1-997	Mining Engineering
TS 200-770	Metal Manufactures	TT 205-267	Metalworking

Periodical Indexes:

Applied Science and Technology Index – Articles on scientific and technical topics such as aeronautics, applied mathematics, automotive engineering, chemical engineering, electrical and electronic engineering, geology, machinery, nuclear engineering, physics, robotics, textile industry, etc.

General OneFile – General database that provides information on topics such as business, computers, social sciences, humanities, current events, health, politics, environmental issues, law, the arts, technology and science.

General Reference Center Gold – General database that searches magazines, newspapers, and reference books for information on current events, business, industry, arts, science, entertainment, sports, and more.

Oxford Reference – Search from over 100 dictionary, language reference, and subject reference works with over 919,000 entries, 5,300 illustrations, and 1,400 internet links.

SIRS – Includes articles and graphics on social, scientific, economic, health, historic, business, political, global issues, music, art, film, literature, architecture, performing arts, religion, design, culture, philosophy, current and historic government documents, and information about the federal government, U.S. Justices, U.S. Presidents, and U.S. Supreme Court decisions. Also contains links to and summaries of selected, quality Internet Web pages from the United States and around the world.

Journals:

<i>American Machinist</i>	<i>Metal Forming</i>
<i>Modern Machine Shop</i>	<i>Penton's Welding Magazine</i>
<i>Welding Design and Fabrication</i>	<i>Welding Journal</i>

Reference Books:

Chemical Plant and Petroleum Refinery Piping. New York: ASME, 1987. [Ref] TS 227 .A6 B313

Structural Welding Code – Aluminum. Miami, FL: American Welding Society, 1990. [Ref] TS 227 .A477 D12 1990

Structural Welding Code – Steel. Miami, FL: American Welding Society, 1998. [Ref] TS 227 .S834 1998

Reference Books:

Connor, Leonard P. *Welding Handbook*. 8th ed. Miami, FL: American Welding Society, 1987.

[Ref] TS 227 .W387 1987

O'Brien, Robert L., ed. *Jefferson's Welding Encyclopedia*. 18th ed. Miami, FL: American Welding Society, 1997.

[Ref] TS 227 .W37

Patchett, Barry and John Bringas, eds. *Metals Blue Book, vol. 3*. Miami, FL: American Welding Society, 1995.

[Ref] TS 227 .M4 1995

Videos:

Shielded "Stick" Metal Arc Welding III

TK 4660 .S45 1991

Complete Welding Symbol

TS 227.2 .C66 1984

Gas Shielded Arc Welding

TK 4660 .G36 1987 (2 Tapes)

Basic Electricity and Arc Welding

TS 228.5 .B3 1995

Plastic Joining at the Welding Institute

TS 227 P58 1986

Welding: Making It Happen

TK 4660 .M34

Oxyacetylene Welding: A Video Manual

TS 227 094 1989 (3 Tapes)

Welding Safety

TS 227.8 W4 1982

Introduction to Semi-Automatic Welding

TS 228.5 .I5 1996

Inverter Arc Welding

TS 228.5 .I58 1996

Gas Tungsten Arc Welding

TK 4660 .G37 1998 (4 Tapes)

Basic Electricity and Arc Welding

TS 228.5 .B3 1995

Modern Marvels: Welding

TN 780 .W442 2007 DVD

E-Books (Available Via NetLibrary):

Joining Processes: An Introduction

Welding in Space and Related Technologies

Welding Metallurgy

*Additionally, you may find the **Knovel Books Online** useful. These electronic books are available in full-text through the Library's homepage.*

Internet Sites:

American Welding Society

<http://www.aws.org>

Welding Research Council

<http://www.forengineers.org/wrc>

Welding Procedures & Techniques

<http://www.weldingengineer.com>

Online Safety Library: Welding Safety

<http://www.pp.okstate.edu/ehs/links/welding.htm>

Welding Links

http://www.workpad.com/index_folder.aspx?ObjectID=1151

Google Directory for Welding Links

<http://directory.google.com/Top/Science/Technology/Welding>

Welding Health & Safety Fact Sheet

<http://www.afscme.org/health/faq-weld.htm>

Welding Projects

<http://www.lincolnelectric.com/community/projects>

Welding Projects

<http://www.millerwelds.com/interests/projects>

Welding Tips and Techniques

<http://www.wcwelding.com>

OSHA Safety & Health Topics

<http://www.osha.gov/SLTC/weldingcuttingbrazing/index.html>