



**American Welding Society<sup>®</sup>**

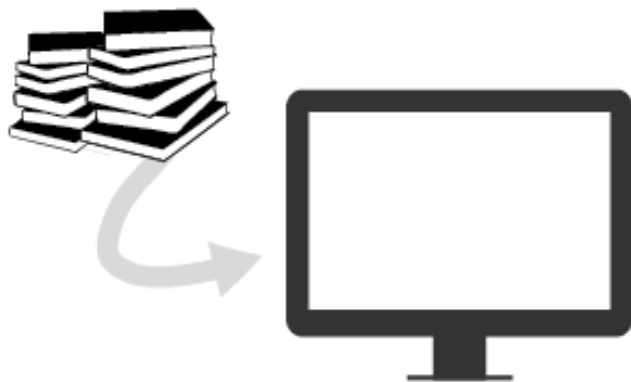
**AWS 数字图书馆数据库平台使用指南**

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# AWS简介

美国焊接学会（American Welding Society，简称AWS）成立于1919年，总部设在美国佛罗里达州的迈阿密，是一个非营利组织。AWS在全球有超过7万名会员，设立了22个分区，250个分部，学会的愿景是促进全球范围内焊接、连接及切割工艺流程（包括钎焊、熔焊、热喷涂等）、研究及技术的进步、AWS致力于在理念和实践两个维度驱动行业的进步，并使得新一代的焊接人能够获得更多前程似锦的工作机会。

AWS Digital Library（AWS数字图书馆）是AWS旗下重磅推出的助力焊接教学的学术资源合集，这一合集中囊括了AWS所有的标准、期刊杂志、参考工具书以及学习视频，可以向学术机构提供不受限制的浏览权限并免费自动更新。



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- **标准**——AWS数字图书馆中收录了200+种技术标准和规范，AWS焊接标准均被美国国家标准学会(ANSI)采纳为美国国家标准。
- **期刊**——《焊接期刊》（Welding Journal）是美国焊接学会（AWS）主办的全球知名英文焊接月刊，目前已经获得了超过六十项编辑及设计大奖。
- **参考工具书**——AWS数字图书馆中收录了*Welding Handbook*《焊接手册》等多种权威的参考工具书，涵盖了从科学技术、历史、焊接工艺到材料和应用的整个焊接领域。
- **学习视频**——AWS数字图书馆中收录了有关焊接和制造基本原理、安全和质量保证原则概述等13种学习视频。



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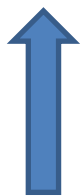
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### Abstract

This standard establishes a method for specifying certain welding, brazing, and nondestructive examination information by means of symbols. Detailed information and examples are provided for the construction and interpretation of these symbols. This system provides a means of specifying welding or brazing operations as well as nondestructive examination, including the examination method, frequency, and extent.

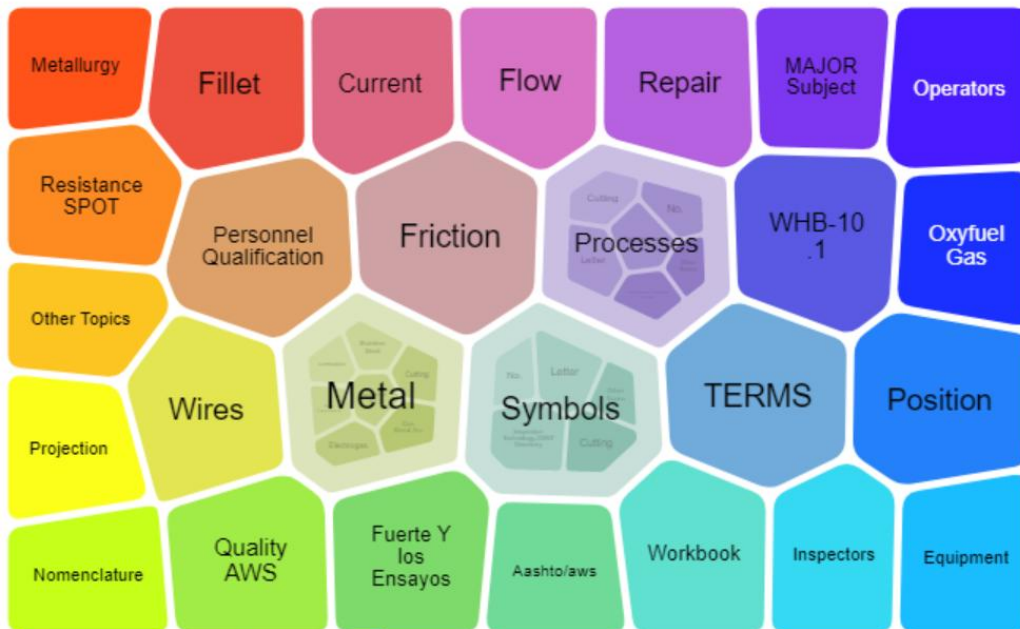
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The background of the slide is a photograph of a welder working. Bright orange and yellow sparks are flying from the welding point, creating a dynamic and industrial scene. The welder's helmet and part of their body are visible on the right side.

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