

AWS B5.17:2014
An American National Standard

Specification for the Qualification of Welding Fabricators



American Welding Society®



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Specification for the Qualification of Welding Fabricators

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Prepared by the
American Welding Society (AWS) B5G Subcommittee on Qualification of Welding Fabricators

Under the Direction of the
AWS Technical Activities Committee

Approved by the
AWS Board of Directors

Abstract

This standard establishes the minimum requirements necessary to qualify as a Welding Fabricator. The qualification is determined based on an examination of the implementation of the fabricator's Quality Manual to verify compliance to the requirements defined in this specification. This document also defines the Welding Fabricator's functions and lists the minimum reference materials that the Welding Fabricator should possess.

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This standard is subject to revision at any time by the AWS Personnel and Facilities Qualification Committee. It must be reviewed every five years, and if not revised, it must be either reaffirmed or withdrawn. Comments (recommendations, additions, or deletions) and any pertinent data that may be of use in improving this standard are required and should be addressed to AWS Headquarters. Such comments will receive careful consideration by the AWS Personnel and Facilities Qualification Committee and the author of the comments will be informed of the Committee's response to the comments. Guests are invited to attend all meetings of the AWS Personnel and Facilities Qualification Committee to express their comments verbally. Procedures for appeal of an adverse decision concerning all such comments are provided in the Rules of Operation of the Technical Activities Committee. A copy of these Rules can be obtained from the American Welding Society, 8669 NW 36 St, # 130, Miami, FL 33166.

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Foreword

This foreword is not a part of AWS B5.17:2014, *Specification for the Qualification of Welding Fabricators*, but is included for informational purposes only.

This specification was developed by the AWS Personnel and Facilities Qualification Committee in response to an industry demand for a qualification document for welding fabricators. This specification establishes the qualification requirements from which a central certification agency or an employer may develop a certification program for welding fabricators.

This is the fourth edition of this specification. Editorial changes were made to the Scope (Clause 1). A significant change in this edition is the provision that allows the use of other codes or specifications not published by AWS as specified in AWS QC17, *Standard for Accreditation of Welding Fabricators for AWS Certified Welding Fabricator Program* (Clause 6). A new requirement for verification at least annually of welding machine electrical characteristics was added (Clause 6).

The Qualification and Certification Committee of the American Welding Society was formed in 1973. In 1996, it was divided into two committees. The Personnel and Facilities Qualification Committee is now responsible for creating American National Standards for welding personnel and welding facility qualification requirements. The AWS Certification Committee is now responsible for creating certification programs based on these and other recognized standards.

Comments and suggestions for the improvement of this standard are welcome. They should be sent to the Secretary, AWS Personnel and Facilities Qualification Committee, American Welding Society, 8669 NW 36 St, # 130, Miami, FL 33166.

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