

AWS B5.9:2006
An American National Standard



Specification for the Qualification of Welding Supervisors



American Welding Society



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Specification for the Qualification of Welding Supervisors

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Prepared by the
American Welding Society (AWS) B5I Subcommittee on Supervisor Programs

Under the Direction of the
AWS Personnel and Facility Qualification Committee

Approved by the
AWS Board of Directors

Abstract

This standard describes the requirements for qualification as a Welding Supervisor. The requirements include education, experience, and a written examination. This standard also covers the job functions a qualified Welding Supervisor should be able to perform.



American Welding Society

550 N.W. LeJeune Road, Miami, FL 33126

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*Advisor

Foreword

This foreword is not a part of AWS B5.9:2006, *Specification for the Qualification of Welding Supervisors*, but is included for informational purposes only.

This is the second edition of this document. Editorial changes were made throughout the document. The Senior Welding Supervisor designation was deleted and a new section on welding economics and productivity was added (see 5.11). 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 Facility 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 from these and other recognized standards. In 1996, the B5I Subcommittee was formed to prepare a specification for qualification of welding supervisors.

Welding is a complex technology requiring qualified supervisors to achieve and maintain a defined level of weld quality. Such supervising personnel should be able to manage practical and theoretical aspects of welding operations as they apply to the day-to-day supervision of welding fabrication, construction, or maintenance. Qualifying as a Welding Supervisor indicates that the holder has a high degree of knowledge of the theory and practice of welding, and also has the ability and capacity to direct and supervise welding in accordance with the appropriate requirements of a standard.

The Welding Supervisor directs welding activities and personnel, prepares work plans, provides work instructions, and evaluates worker performance. The Welding Supervisor must be thoroughly familiar with welding processes, welding procedures, welder qualifications, materials, safe practices, and the limitation of weld testing. This individual must be able to read drawings, prepare and maintain records, prepare and make reports, and make responsible judgments. For the Welding Supervisor to be effective, the activities performed must be technically correct, ethically proper, and be consistent with the job requirements. The Welding Supervisor should be able to work with either the management or the welder with ease, and appreciate the role of each.

This standard was developed to define minimum standards for those persons performing welding-supervision tasks, and to provide a means of recognition for those who have the knowledge, qualification, experience, and expertise in the field of welding supervision.

Comments and suggestions for the improvement of this standard are welcome. They should be sent to the Secretary, AWS Personnel and Facility Qualification Committee, American Welding Society, 550 N.W. LeJeune Road, Miami, FL 33126.

Official interpretations of any of the technical requirements of this standard may be obtained by sending a request, in writing, to the Managing Director, Technical Services Division, American Welding Society (see Annex B). A formal reply will be issued after it has been reviewed by the appropriate personnel following established procedures.

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