



# **Specification for AWS Certification of Resistance Welding Technicians**



**American Welding Society**

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**AWS QC20:2011**

# **Specification for AWS Certification of Resistance Welding Technicians**

**1st Edition**

Prepared by the  
American Welding Society (AWS) Subcommittee on Resistance Welding

Under the Direction of the  
AWS Certification Committee

Approved by the  
AWS Board of Directors

## **Abstract**

This specification defines the certification program of the American Welding Society for use in the Certification of Resistance Welding Technicians (CRWTs). These certifications require documentation of experience, and satisfactory completion of a written examination. The examination tests the CRWT's knowledge of welding processes, welding procedures, destructive and nondestructive tests, welding terms, definitions, symbols, reports, safety, quality assurance and responsibilities, machine setup, and other related subjects. Successful completion of all requirements constitutes the basis for awarding a certification as a Resistance Welding Technician.



**American Welding Society**

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

International Standard Book Number: 978-0-87171-788-7

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Printed in the United States of America

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## Foreword

This foreword is not part of AWS QC20:2011, *Specification for AWS Certification of Certified Resistance Welding Technicians*, but is included for informational purposes only.

This standard was developed by the Certification Committee in response to an industry demand for certification of resistance welding technicians.

The AWS Certification Committee was formed in 1975. The Committee is composed of representatives throughout industry and academia who have interests and experience in the certification of resistance welding technicians. This is one of several documents produced by the committee covering welding personnel and facilities.

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



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