

CSA W55.3:08

(reaffirmed 2023)



Certification of companies for resistance welding of steel and aluminum



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- a) *Standard designation (number);*
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Preface

This is the second edition of CSA W55.3, *Certification of companies for resistance welding of steel and aluminum*. It supersedes the first edition, published in 1965 under the title *Resistance Welding Qualification Code for Fabricators of Structural Members Used in Buildings*.

This edition includes the following changes:

- (a) broadening of the scope to include both steel and aluminum, as well as non-structural applications;
- (b) alignment with CSA W47.1, including introduction of three divisions of certification; and
- (c) editing of the terminology to bring this Standard in line with other CSA Standards and with the terms and definitions of the American Welding Society.

This Standard stipulates the minimum requirements that a company must meet and adhere to in order to obtain and maintain certification in the area of resistance welding. Certification is granted by the Canadian Welding Bureau, the administrative body of this Standard. Certification indicates that, consistent with the requirements of the division in which the company is certified, the company has the organization, personnel, welding procedures, equipment, and process control system required to produce satisfactory welds and welded assemblies using resistance welding processes.

This Standard was prepared by the Technical Committee on Certification of Companies for the Welding of Steel and Aluminum, under the jurisdiction of the Strategic Steering Committee on Welding and Structural Metals, and has been formally approved by the Technical Committee.

October 2008

Notes:

- (1) Use of the singular does not exclude the plural (and vice versa) when the sense allows.
- (2) Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.
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