

## CSA W178.1-18 Certification of Welding Inspection Organizations

### Overview of Changes in the 2018 Edition

The 2018 edition of CSA W178.1 was published by the CSA in May 2018. This document provides a summary of significant changes in the 2018 edition as compared to the 2014 edition.

#### Clause 1: Scope

- No significant changes

#### Clause 2: Reference publications

- References to standards updated to reflect current edition at date of publication

#### Clause 3: Definitions

- No significant changes

#### Clause 4: Administration

- No significant changes

#### Clause 5: Requirements for obtaining certification

- Clause 5.3 updated to permit an organization with more than one division, office, laboratory, or section seeking certification to designate one person to have “*defined authority and responsibility for ensuring the requirements of this Standard are implemented and maintained.*” for all divisions, offices, laboratories, or sections
  - This is what CWB refers to as the “Certification Contact”

#### Clause 6: Requirements for maintaining certification

- No significant changes

#### Clause 7: Welding inspection personnel

- Clause 7.1 updated to clarify that “*An individual shall only act as the qualified welding inspection supervisor for one welding inspection organization, or for one designated division, office, laboratory, or section of a welding inspection organization*”
  - This reflects the current implementation of CSA W178.1 by CWB
  - This clarification of intent was added due to a formal request for interpretation from industry to the Technical Committee

- Clause 7.2.1 updated to clarify that the welding inspection supervisor shall have technical control over “*all welding methods defined in the scope of certification*”
- Clause 7.2.2 added to permit the use of “delegates” by the welding inspection supervisor to conduct duties on their behalf and defines the minimum knowledge and experience requirements for these delegates
- Clause 7.2.6 added to clarify the requirements for the review and sign off of final written inspection reports
- Clause 7.2.8 updated to clarify the duties of the welding inspection supervisor or delegate(s)

#### Clause 8: Welding inspection methods

- No significant changes

#### Clause 9: Welding inspection procedures

- No significant changes

#### Clause 10: Equipment maintenance and calibration

- No significant changes

#### Clause 11: Records

- No significant changes

Copies of the updated standard can be purchased by contacting the CWB Group at 1-800-844-6790 or online at [www.cwbgroup.org/store](http://www.cwbgroup.org/store). Pricing at the time of publication of this document was \$180.00.