

AS/NZS ISO 19160.4:2020
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Australian/New Zealand Standard™

Addressing

Part 4: International postal address components and template language



AS/NZS ISO 19160.4:2020

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- Australian Bureau of Meteorology
- Australian Maritime Safety Authority
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Australian/New Zealand Standard™

Addressing

Part 4: International postal address components and template language

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT-004, Geographical Information/Geomatics.

The objective of this document is to define key terms for postal addressing, postal address components and constraints on their use.

Specifically, this document defines postal address components organized into three hierarchical levels:

- (a) elements, such as organization name or postcode, which have well-defined conceptual meaning and are not themselves made up of subordinate components, though they may be sub-divided for technical purposes;
- (b) constructs, such as organization identification, which group elements into units form a logical portion of a postal address;
- (c) segments, such as addressee specification, which group-related postal address constructs and/or postal address elements into units with a specific defined function.

This document also specifies a mechanism for creation of sub-elements, which correspond to either sub-divisions of element content, such as door type or door indicator or to multiple occurrences and locations of elements in an address, such as levels of administrative regions.

Moreover, this document defines the codes to identify elements and sub-elements.

Further, this document specifies postal address rendering rules. This includes identification and ordering of output lines in a rendered address, conditions for selection of candidate lines, the order and concatenation of postal address components, required and optional components, parameters to contextualize address for rendering and the formatting of the components, subject to constraints on the space available for that task. Postal address rendering rules are represented in this document as a postal address template.

Finally, this document specifies language suitable for computer processing to formally express postal address templates.

This document does not specify the length of any component nor the value range of any component.

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