



**CSA S345:23**  
National Standard of Canada



# Design and construction of steel storage racks



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# Preface

This is the first edition of CSA S345, *Design and construction of steel storage racks*. It replaces CSA S16, Annex N, prepared under the same title in 2019, which superseded the previous edition of Annex N in CSA S16-14 (update 1) published in 2016.

CSA published A344.1 and A344.2 in 2005 as a two-part document: a user guide and a design standard for steel storage racks. Following the withdrawal of CSA A344.2 in 2016, and its subsequent incorporation into CSA S16, this Standard has been developed as a stand-alone document. The contents of this new Standard are linked with both CSA A344 and CSA B335, which establish the requirements for a safe environment where steel storage racks and lift trucks are the primary equipment of the workplace.

No technical changes have been made to the content originating from CSA S16, Annex N. Editorial changes to this edition include the updating of referenced standards.

This Standard was prepared by the Technical Committee on Industrial Storage Racks, under the jurisdiction of the Strategic Steering Committee for Construction and Civil Infrastructure, and has been formally approved by the Technical Committee.

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

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