
STANDATA bulletin 19-BCB-009

Building

Withdrawal of STANDATA 19-BCI-023 Manufactured engineered components

Date Issued: December 2022

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Purpose

To provide information regarding the withdrawal of Interpretation STANDATA 19-BCI-023 Manufactured engineered components.

Discussion

STANDATA 19-BCI-023 was developed to address the application of the building code to manufactured engineered components used in the construction of Part 9 buildings. This STANDATA has been in existence since 1999 and has gone through minor updates since its inception. STANDATA 19-BCI-023 covered two different manufactured engineered components, which included components that have not been Canadian Construction Materials Center (CCMC) evaluated to Part 9 like roof trusses, and components that have been CCMC evaluated to Part 9 like I-joists. Referencing all manufactured engineered components within one STANDATA caused inconsistency in the application and use of the STANDATA.

Recent input from municipalities, industry and the Association of Professional Engineers and Geoscientists of Alberta (APEGA) also revealed unintended consequences respecting the requirement for engineer seals on truss layouts and profiles, the capacity of Alberta's safety code system to meet this requirement and the scope of application for professional involvement related to the process for truss and I-joist construction in housing. STANDATA 19-BCI-023 is withdrawn, and the development of separate STANDATAS is in progress for application to wood trusses used for construction of Part 9 buildings and structural composite lumber and I-joists used in the construction of Part 9 buildings. The new STANDATAS are expected to be issued early in 2023 following a review by the Safety Codes Council's Building Sub-Council early in the new year.

Until the new STANDATAS are published, engineering stamps or seals are not a minimum requirement for truss layouts or profiles as was previously the case in Alberta prior to the issuance of STANDATA 19-BCI-023.

Issued by the Provincial Building Administrator

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Safety codes officers continue to have the authority under Section 18 of the Administrative Items Regulation (a regulation under the *Safety Codes Act*) to require all plans and specifications, or any part of them, be imprinted with a seal or stamp affixed in accordance with the *Engineering and Geoscience Professions Act* for engineering work, or the *Architects Act* for architectural work, if in the opinion of the safety codes officer, the size or complexity of a project raises safety concerns.

Under Section 18, a safety codes officer may also require that any or all of the project construction be reviewed during construction in accordance with the *Engineering and Geoscience Professions Act* or the *Architects Act* if, in the opinion of the safety codes officer, the size or complexity of a project raises safety concerns.

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