

# SAFE v23.2.0 Release Notes

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**Notice Date: 23-February-2026**

This document lists changes made to SAFE since v23.1.1, released 08-December-2025. Items marked with an asterisk (\*) in the first column are more significant.

## Design – Composite Beam

### ***Enhancements Implemented***

<b>*</b>	<b>Ticket</b>	<b>Description</b>
	11894	An enhancement to composite beam design per the various CSA codes was implemented. SAFE computes the shear studs capacity based on the lightweight flag of the concrete fill material properties, instead of the concrete weight density - as previously documented.

## Design – Slab

### ***Enhancements Implemented***

<b>*</b>	<b>Ticket</b>	<b>Description</b>
*	11947	An enhancement has been made to add the KDS 14 20 00 : 2022 reinforced concrete and PT slab design.

## Installation and Licensing

### ***Enhancements Implemented***

<b>*</b>	<b>Ticket</b>	<b>Description</b>
*	11791	The version number has been changed to v23.2.0 for a new intermediate release

**Analysis**  
***Incidents Resolved***

*	Ticket	Description
*	11951	An incident was resolved that addressed the following issues: (1.) Floor vibration analyses (Define menu>Floor Vibrations>Excitation Sets) which used a modal load case that used the stiffness from a Nonlinear Case may be unable to run when the model was run from the unlocked state. The affected analysis would be able to run successfully when the analysis is run for a second time. This was an inconvenience, but results were not affected. (2.) Modal load cases used for loading in nonlinear static load cases were not always run before load cases referencing them, resulting in the zero contribution from the applied mode shapes to the acting load. This could occur if the previous case of the nonlinear static load case was different than the stiffness case of its referenced modal case. When this occurred, a warning was printed in the analysis .LOG and logged into Analysis Messages.