

# ETABS® 2013 Version 13.2.2 Release Notes

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**Notice Date: 2014-12-19**

This file lists all changes made to ETABS since the previous version. **Most changes do not affect most users.** Incidents marked with an asterisk (\*) in the first column of the tables below are deemed more significant.

## **Changes from v13.2.1 (2014-11-20)**

### **Composite Beam Design Incidents Resolved**

*	Incident	Description
	72836	An incident was resolved for composite beam design where changes made to the value of the $I_{eff}$ reduction factor for composite deflection in the Composite Beam Design Preferences form were not taken into account during design when computing composite beam deflections. This affected ETABS versions 13.2.0 and 13.2.1. When this occurred, deflections were computed with the factor default value of 0.75, which is the value prescribed in the AISC 360-05 and AISC 360-10 specifications. The strength of the beam was not affected.
	72986	An incident was resolved where changing the Composite Beam Design Preferences after using the command Composite Beam Design Reset All Overwrites resulted in an abnormal termination of the software in ETABS versions 13.2.0 and 13.2.1. When this occurred, the user was given a chance to save the model and the design results were unaffected. This error did not occur if the composite beams were redesigned after resetting the Beam Overwrites and before changing the Design Preference.
	73007	An incident was resolved for composite beam design where the software would become unresponsive when performing the design of models containing composite girders supporting both a solid slab and composite beams framing in at an angle other than 90 degrees. When this occurred the software would need to be terminated and no design results were available. Setting the Deck ID to None or setting the effective width to a positive distance in the overwrites for the affected girders would avoid this problem. Only versions 13.2.0 and 13.2.1 were affected. Composite steel deck sections were not affected.
	73021	An incident was resolved for composite beam design where performing certain specific actions while working in the Interactive Composite Beam Design and Review form would result in an error message being shown instead of the beam being redesigned when the composite beam design was later run or when the design was later copied and pasted to another beam. The actions that caused the error were (1) replacing a composite beam auto-select list assignment with a specific frame section by clicking the Specify Section button, and (2) also applying section-specific overwrites (Percent Comp, Uniform Shear Studs, or Camber) to a composite beam design. The design could still be performed on the affected beams while working in the Interactive Composite Beam Design and Review form itself. No other results were affected. This incident only affected version 13.2.0 and 13.2.1.

*	Incident	Description
	73392	An incident was resolved for composite beam design which affected the output of the design calculations for beams with their vibration criteria set to Design Guide 11 "rhythmic excitation" or "sensitive equipment". These beams were designed, but their calculation details were missing from the reports, and attempting to look at these calculation details in the interactive design mode caused an abnormal program termination error. This only affected versions 13.2.0 and 13.2.1. When this error occurred, results were not affected. Output could be generated when the vibration criteria was set to None or to Design Guide 11 "walking excitation".

## Results Output and Display

### Incidents Resolved

*	Incident	Description
	66783	An incident was resolved where the display of frame forces for enveloping load cases and load combinations showed only the minimum forces when the "Absolute Max" option was used. The "Max" and "Min" forces plotted separately were correct. The "Absolute Max" option for displaying frame forces has now been renamed to "Max and Min" and both set of forces will be shown on the same plot. This error affected version 13.1.4 to 13.2.1. Tabular results were not affected.
*	72797 72851 73414 73782 73800	An incident was resolved where the reported drift values at wall joints were sometimes too conservative when a large torsional component was involved. This was a problem only in versions 13.2.0 and 13.2.1. In addition, drifts are now reported at extremes of the diaphragms together with all column and wall joints. The joint labels have been corrected for "Story Drift" and "Diaphragm Drifts" tables; the story drift and diaphragm drift values and their joint coordinates were being correctly reported.

### Miscellaneous

*	Incident	Description
	73830	The version number has been changed to v13.2.2 for a new minor release.