

Notional-load assignment to load combinations

Notional loads may be included in automatically generated [load combinations](#). For example, an AISC Direct Analysis Method application is done through the following process:

1. In the design preference, set design code to AISC360-05 / IBC2006.
2. Select the Define > Load Combinations > Add Default Design Combos option.
3. Select the Steel Frame Design option (Figure 1), then select Set Load Combination Data to specify the [load cases](#) used in generating load combinations. Include the specified load cases in both the strength and deflection load combinations by using the Code-Generated user Load Combinations for Steel Frame Design form (Figure 2). To include all loads, select All from the scroll-down menu, and then Copy to for each limit state.

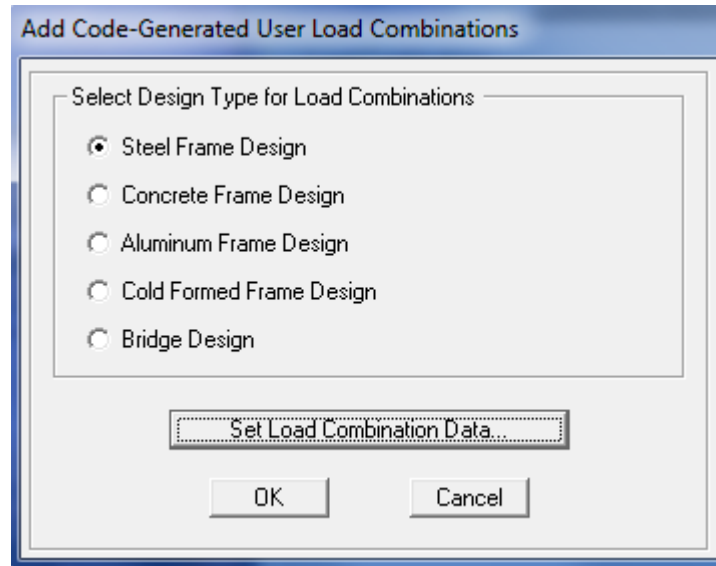


Figure 1 - Load combination design type

Code-Generated User Load Combinations for Steel Frame Design - AISC360-05/IBC2006

Limit States for which User Defined Load Combinations are to be Generated

☒ Strength ☒ Deflection

Choose Load Cases to Use for Limit State

Limit State: Strength

List of Load Cases

Load Case Name	Load Case Type	Design Load Type
MODAL	LinModal	OTHER

☐ Show Only Load Cases with Valid Design Load Types

Load Cases for User Defined Load Combinations

Load Case Name	Load Case Type	Design Load Type
DEAD N	LinStatic LinStatic	DEAD NOTIONAL

>> <<

Copy to All

Show Load Case Definition...

Set Design Load Type...

OK Cancel

Figure 2 - Strength and deflection assignment