

**Revisions and Errata List**  
**AISC Steel Design Guide 3, 2<sup>nd</sup> Edition, 1<sup>st</sup> Printing (Printed Edition) and March**  
**2015 Revision (Digital Edition)**  
**August 20, 2020**

The following list represents corrections to the first printing (dated March 2004) and the March 2015 revision (digital edition) of the second edition of AISC Design Guide 3, *Serviceability Design Considerations for Steel Buildings*.

<b>Page(s)</b>	<b>Item</b>
8	In the right column, near the end of the third line, “fo” should be replaced with “ $f_o$ .”
10	The title for Table 1, “Minimum Slope for Various Membrane Types”, should be replaced with “Deflection Limits, adapted from IBC Table 1604.4.”
10	Delete “(see Table 1)” from the second to last line in the left column under Drainage Requirements.
24	In the right column, in the second full paragraph, the second sentence should be amended to add to the end: (unless the code imposes a stricter standard.)
38	For ROOFING TYPE “METAL ROOFS THROUGH FASTENER TYPE” and STRUCTURAL ELEMENT “PURLIN,” the RECOMMENDATION of “ $L/240$ MAXIMUM” for “SNOW LOAD” should be replaced with “ $L/150$ MAXIMUM.”
42	For EQUIPMENT TYPE “TOP RUNNING CRANES”, the STRUCTURAL ELEMENT “RUNWAY BEAM CMAA ‘A’, ‘B’ & ‘C’”, the STRUCTURAL ELEMENT “RUNWAY BEAM CMAA ‘D’”, and the STRUCTURAL ELEMENT “RUNWAY BEAM CMAA ‘E’ & ‘F’”, the entry in the column labeled LOADING should be changed from “CRANE LATERAL STATIC LOAD” to “CRANE VERTICAL STATIC LOAD.” This is a total of three changes in the table and they are reflected in the updated table on the following page.
42	For EQUIPMENT TYPE “TOP RUNNING CAB OPERATED,” STRUCTURAL ELEMENT “Bare Frame,” and DEFORMATION “DRIFT AT RUNWAY ELEVATION,” the RECOMMENDATION of “ $H/100 \leq 1$ -in. MAXIMUM” should be replaced with “ $H/240 \leq 2$ -in. MAXIMUM.” This change is reflected in the updated table on the following page.
42	For EQUIPMENT TYPE “TOP RUNNING PENDANT OPERATED,” STRUCTURAL ELEMENT “BARE FRAME,” and DEFORMATION “DRIFT AT RUNWAY ELEVATION,” the RECOMMENDATION of “ $H/240 \leq 1$ -in. MAXIMUM” should be replaced with “ $H/100$ MAXIMUM.” This change is reflected in the updated table on the following page.

## SERVICEABILITY CONSIDERATIONS EQUIPMENT

<i>EQUIPMENT TYPE</i>	<i>STRUCTURAL ELEMENT</i>	<i>DEFORMATION</i>	<i>RECOMMEN- DATION</i>	<i>LOADING</i>
TOP RUNNING CRANES	RUNWAY SUPPORTS	TOTAL INWARD MOVEMENT	1 / 2 IN. MAXIMUM	LL OR 50 YEAR SNOW
	RUNWAY SUPPORTS	TOAL OUTWARD MOVEMENT	1 IN. MAXIMUM	SNOW
	RUNWAY BEAM	HORIZONTAL DEFLECTION	L / 400 MAXIMUM	CRANE LATERAL
	RUNWAY BEAM CMAA 'A', 'B' & 'C'	VERTICAL DEFLECTION	L / 600 MAXIMUM	CRANE VERTICAL STATIC LOAD
	RUNWAY BEAM CMAA 'D'	VERTICAL DEFLECTION	L / 800 MAXIMUM	CRANE VERTICAL STATIC LOAD
	RUNWAY BEAM CMAA 'E' & 'F'	VERTICAL DEFLECTION	L / 1000 MAXIMUM	CRANE VERTICAL STATIC LOAD
TOP RUNNING CAB OPERATED	BARE FRAME	DRIFT AT RUNWAY ELEVATION	H / 240 ≤ 2-IN. MAXIMUM	CRANE LATERAL OR 10 YR. WIND
TOP RUNNING PENDANT OPERATED	BARE FRAME	DRIFT AT RUNWAY ELEVATION	H / 100 MAXIMUM	CRANE LATERAL OR 10 YR. WIND
UNDERHUNG CRANE	RUNWAY BEAM CMAA 'A', 'B' & 'C'	VERTICAL DEFLECTION	L / 450 MAXIMUM	CRANE VERTICAL
JIB CRANE	BOOM	VERTICAL DEFLECTION	H / 225 MAXIMUM	CRANE VERTICAL
ELEVATORS	BARE FRAME	DRIFT	H / 500 MAXIMUM	10 YEAR WIND
	MACHINE / SHEAVE BEAMS	VERTICAL DEFLECTION	L / 1666 MAXIMUM	DL + LL
	MACHINE / SHEAVE BEAMS SUPPORTS	VERTICAL DEFLECTION	H / 1666 MAXIMUM	DL + LL