

Coded Note Number: **Y2310**

Revision: **C001**

Date: **October 20, 2017**

Title: **STEEL PLATE, THICKNESS ALLOWABLE**

This revision history is provided for convenience and does not alleviate the supplier's responsibility with understanding and complying with the full coded note.

Change from Revision B – Editorial change to reformat to current standard.

Bolded font indicates changed/added content.

[Text deleted] inserted in the document indicates the removal of content.

Plate thickness allowance when order to weight

Gauge shall be in accordance with Appendix A (24645)

Table IV of NAVSEA Technical Publication T9074-BD-GIB-010/0300.

T9074-BD-GIB-010/0300									
APPENDIX A (24645)									
Table IV. Allowable Variation in Weight and Gauge for Plates Specified on a Weight Basis (Applicable to Single Plates)									
Allowable under gauge at edge for widths given, inches (mm)									
Specified weight lb/ft2 [kg/m2] {thickness, inch (mm)}	Up to 66 (1676) inclusive Percent	Over 66 (1676) to 80 (2032) inclusive Percent	Over 80 (2032) to 90 (2286) inclusive Percent	Over 90 (2286) to 100 (2540) inclusive Percent	Over 100 (2540) to 115 (2921) inclusive Percent	Over 115 (2921) to 135 (3429) inclusive Percent	Over 135 (3429) to 150 (3810) inclusive Percent	Over 150 (3810) to 168 (4267) inclusive Percent	Over 168 (4267) Percent
To 20.4 [100] exclusive {1/2 (13)}	6	6	8	8	8	8	8	8	8
20.4 [100] to 25.5 [125] exclusive {1/2 (13) to 5/8 (15.8)}	3.5	4	4.5	5	5.5	6.5	6.5	6.5	6.5
25.5 [125] to 30.6 [150]	3.5	4	4.5	5	5.5	6	6	6	6

exclusive {5/8 (15.8) to 3/4 (19)}									
30.6 [150] to 40.8 [199] exclusive {3/4 (19) to 1 (25)}	3	3	3.5	4	4	4.5	5	5.5	6
40.8 [199] and over {1 (25)}	3	3	3	3	3	3.5	4	4.5	5

Allowable weight tolerance for widths given, inches (mm)

Specified weight lb/ft ² [kg/m ²] {thickness, inch (mm)}	Up to 150 (3810) inclusive		Over 150 (3810) to 168 (4267)		inclusive Over 168 (4267)	
	Percent		Percent		Percent	
	Over	Under	Over	Under	Over	Under
To 20.4 [100] exclusive {1/2 (13)}	8	10	---	---	---	---
20.4 [100] to 25.5 [125] exclusive {1/2 (13) to 5/8 (15.8)}	2	4	---	---	---	---
25.5 [125] to 30.6 [150] exclusive {5/8 (15.8) to 3/4 (19)}	2	4	---	---	---	---
30.6 [150] to 40.8 [199] exclusive {3/4 (19) to 1 (25)}	2	3.5	3	4	3	4
40.8 [199] and over {1 (25)}	2	3	2	3	3	4