

Coded Note Number: **W2020**

Revision: **C002**

Date: **December 9, 2024**

Title: **STEEL PLATE DENSITY FACTORS**

The plate weights specified on this purchase order are based on the old steel density factor of 0.2833#/in.(3). If the vendor is rolling steel to the current steel density factor of 0.2836#/in.(3), the plate weights specified on this purchase order are to be converted to the corresponding plate weights based on the current steel density factor. The following table is provided to make this conversion.

DENSITY FACTOR (D.F.) CONVERSION TABLE	
D.F.= 0.2833#/IN.(3)	D.F.= 0.2836#/IN.(3)
7.65#/FT.(2)	7.66#/FT.(2)
8.925#/FT.(2)	8.93#/FT.(2)
10.2#/FT.(2)	10.21#/FT.(2)
11.475#/FT.(2)	11.49#/FT.(2)
12.75#/FT.(2)	12.76#/FT.(2)
14.025#/FT.(2)	14.04#/FT.(2)
15.3#/FT.(2)	15.32#/FT.(2)
17.85#/FT.(2)	17.87#/FT.(2)
20.4#/FT.(2)	20.42#/FT.(2)
22.95#/FT.(2)	22.97#/FT.(2)
25.5#/FT.(2)	25.53#/FT.(2)
28.05#/FT.(2)	28.08#/FT.(2)
30.6#/FT.(2)	30.63#/FT.(2)
33.15#/FT.(2)	33.18#/FT.(2)
35.7#/FT.(2)	35.74#/FT.(2)
38.25#/FT.(2)	38.29#/FT.(2)
40.8#/FT.(2)	40.84#/FT.(2)
45.9#/FT.(2)	45.95#/FT.(2)
51.0#/FT.(2)	51.05#/FT.(2)
56.1#/FT.(2)	56.16#/FT.(2)
61.2#/FT.(2)	61.26#/FT.(2)
66.3#/FT.(2)	66.37#/FT.(2)
71.4#/FT.(2)	71.47#/FT.(2)
81.6#/FT.(2)	81.68#/FT.(2)
91.8#/FT.(2)	91.89#/FT.(2)
96.9#/FT.(2)	96.99#/FT.(2)
102.0#/FT.(2)	102.10#/FT.(2)
112.2#/FT.(2)	112.31#/FT.(2)
122.4#/FT.(2)	122.52#/FT.(2)

132.6#/FT.(2)	132.73#/FT.(2)
142.8#/FT.(2)	142.94#/FT.(2)
153.0#/FT.(2)	153.15#/FT.(2)
163.2#/FT.(2)	163.36#/FT.(2)
173.4#/FT.(2)	173.57#/FT.(2)
183.6#/FT.(2)	183.78#/FT.(2)
193.8#/FT.(2)	193.99#/FT.(2)
244.8#/FT.(2)	245.04#/FT.(2)

Revision History Table		
Rev	Description	Revision Date
C002	Table updated to include 96.90 Weight Plate Conversion	12-9-24

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