

Coded Note Number: **Y2410**

Revision: **C002**

Date: **October 20, 2017**

Title: **FLAT BAR TOLERANCES WHEN CUT FROM PLATE**

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 C001 – Editorial change to reformat to current standard.

Bolded font indicates changed/added content.

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

All flame or arc cut surfaces shall be visually inspected. Notches and irregularities on, or in, the flame cut surface shall be removed by grinding or machining as necessary to meet the acceptance standards of AWS C4.1. Unless otherwise specified, surface finish shall meet the acceptance of sample 2 or better.

Flat bar cut from plate shall conform to the tolerance of ASTM A6 Table 26 as shown below. The "Special NNS Allowance Tolerance Table" following Table 26 shall be used when supplier cannot meet the specified requirements in Table 26.

ASTM A6 – Table 26		
Specified width, in. And length, ft.(a)	Permitted variations from specified width, in.	
	Over	Under
To 1, incl.	1/64	1/64
Over 1 to 2, incl.	1/32	1/32
Over 2 to 4, incl.	1/16	1/32
Over 4 to 6, incl.	3/32	1/16
Over 6 to 8, incl."	1/8 (b)	3/32 (b)
(a) Bar length does not affect tolerance.		
(b) For flats over 6 to 8 in., in width, and to 3 in. Incl. In thickness		

Special NNS Allowance Tolerance Table		
Specified width, in. And length, ft.	Permitted variations from specified width, in.	
	Over	Under
To 2, incl.(a)	1/16	1/16
Over 2 to 4, incl.(b)	1/8	1/8
Otherwise – ASTM A6 – Table 26	See above	See above

(a) where length $\leq 20'$		
(b) where length $> 20'$		