Coded Note Number: **Y2300**
Revision: **C002**
Date: **September 16, 2015**
Title: **PCM CALCULATION FOR STEEL PLATE & SHAPE MATERIAL**

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.
Bolded font indicates changed/added content.
[*Text deleted*] inserted in the document indicates the removal of content.

All carbon steel and all ABS grade base material over 1.00" **[*Text deleted*] up to and including** 1.75" purchased to this coded note shall have a **Critical Metal Parameter (**Pcm**) of** 0.25 or less **[*Text deleted*].**

All HSLA-65 purchased to ASTM A945 grade base material over 1.75" up to and including 2.50" purchased to this coded note shall have a Pcm of less than 0.23.

Pcm shall be calculated using the following formula:

$$Pcm = \%C + \frac{\%Mn}{20} + \frac{\%Si}{30} + \frac{\%Ni}{60} + \frac{\%Cu + \%Cr}{20} + \frac{\%Mo}{15} + \frac{\%V}{10} + 5(\%B)$$

The Pcm must be calculated from an actual product analysis of each element listed for each heat. Boron is not required to be analyzed or included in the Pcm calculations if it is not intentionally added.