



EN8 àà-àà"àà¾àà® EN9 àà,à¥•àà?à¥?àà²: àà,àà?àà?àà?àà",
àà®àà?àà-à¥?àààà¥? àà?àà° àà?ààªàà-à¥?àà?à¥?àà? àà®à¥?àà? àà®à¥
àà?à¥•àà-àà àà àà?ààààà°

ἀσμάσζ ἀσμάσ° ἀσξ

àπ^aàπ^oàπ_ζàπ[?]àπ[—]

EN8 à?à° EN9 à?à?à?à¥?à°`à?à?à°à?à?à? à?@à¥?à? à?μà¥à? à?¼à°à?
à°à¥?à°à à?,à¥? à?à°à?à°-à¥?à? à?à?à?à? à?à?à°¾à°`à¥? à?μà?¾à°à¥? à?@à°§à¥à°-à?@-
à?à?à°¾à°`à¥•à?-à°` à?,à¥•à?à¥?à°² à¹à¥?à°, à²à¥?à?à?à?à°` à?à?à°`à?à¥? à?,à¥?à?à?à¥•
à°-à¥•à?@ à?à?à°à°à° à?@à?à°-à¥?à°à¥?, à?@à°¶à¥?à°`à¥?à°-à?à?à²à?à?à?à¥? à?à°
à¹à¥?à? à?à¥•à°à¥?à?à?à?@à¥?à?à? à?à¥? à°àà¥•à°à°à?à? à°àà¥•à°à°à?à¥•
à°à?à?à°-à?¾ à?à¥? à°àà¥•à°à°à°¾à?μà?à?à?à?à°à°à¥? à°¹à¥?à?à¥à° à°-à¹
à?@à°¾à°`à¥•à°à?à!à°à¥•à°¶à?;à?à°¾ à°àà¥•à°²à°`à°¾ à?à°à°à°à¥? à°¹à¥?:

- [illegible]

SteelMet Industries à¤?à¤ªà¤?à¥? à¤ªà¤°à¤¿à¤¬à¥?à¤?à¤²à¤¼ à¤?à¥? à¤?à¤µà¤¶à¥
à¤¬à¤?à¤¤à¤¼à¤?à¤? à¤?à¥? à¤ à¤¬à¥à¤°à¥?à¤ªà¤ªà¤¾à¤?à¤?à¤; à¤¬à¤¾à¤°, à¤«à¥à¤²à¥?à¤?
à¤?à¤° à¤«à¥?à¤ªà¥à¤?à¥à¤; à¤¬à¥à¤²à¥?à¤?à¤? à¤®à¥?à¤? EN8 à¤?à¤° EN9 à¤?à¤¾ à¤,à¥.
à¤?à¥?à¤? à¤°à¤?à¤¤à¤¾ à¤¹à¥?à¥¤

à¤°à¤³¼à¤,à¤³¼à¤-à¤"à¤à¤? à¤,à¤?à¤?à¤?à¤" à¤?à¤¥? à¤¤à¤¥-à¤²à¤"à¤³¼

අංශු අන්තර්ගතය (%)	EN8 Steel	EN9 Steel
කාබන් අන්තර්ගතය (C)	0.36 ~ 0.44	0.50 ~ 0.60
සිලිකන් අන්තර්ගතය (Si)	0.10 ~ 0.40	0.10 ~ 0.40
මැංගනීස් අන්තර්ගතය (Mn)	0.60 ~ 1.00	0.50 ~ 0.90
ප්‍රතිරෝධීය අන්තර්ගතය (P)	≤ 0.05	≤ 0.05
සල්ෆර් අන්තර්ගතය (S)	≤ 0.05	≤ 0.05

$\delta^{234}\text{Th}/\text{Th}$ (0.36-0.44%) and $\delta^{235}\text{Th}/\text{Th}$ (0.50-0.60%) in the studied samples. The $\delta^{234}\text{Th}/\text{Th}$ and $\delta^{235}\text{Th}/\text{Th}$ values are compared with the values of the $\delta^{234}\text{Th}/\text{Th}$ and $\delta^{235}\text{Th}/\text{Th}$ in the ThO_2 and ThO_3 samples. The $\delta^{234}\text{Th}/\text{Th}$ and $\delta^{235}\text{Th}/\text{Th}$ values are compared with the values of the $\delta^{234}\text{Th}/\text{Th}$ and $\delta^{235}\text{Th}/\text{Th}$ in the ThO_2 and ThO_3 samples.

à¤-à¤¾à¤?à¤¤à¤¥à¤°à¤¿à¤? à¤?à¤¥à¤£

အပူချိန်	EN8	EN9
အပူချိန် ၁၀၀၀°C အထိ	700 ~ 850 MPa	800 ~ 950 MPa
အပူချိန် ၁၀၀၀°C အထိ (BHN)	201 ~ 255	248 ~ 302
အပူချိန် ၁၀၀၀°C အထိ (%)	~14%	~10%

â? EN9 à¤à¥?à¤? EN8 à¤?à¥? à¤¤à¥•à¤²à¤²"à¤¼ à¤à¥?à¤? à¤ à¤§à¤¿à¤? à¤?à¤ à¥?à¤°à¤¤à¤¼
à¤?à¤° à¤à¥?à¤-à¥?à¤¤à¥? à¤¹à¥?à¤¤à¥? à¤¹à¥?, à¤²à¥?à¤?à¤¿à¤²" à¤¤à¤"à¥•à¤ à¤¤à¤¼
à¤?à¤à¤ à¤¹à¥?à¤¤à¥? à¤¹à¥?à¥¤

à®à¥·à¤?à¥·à¤- à¤ à¤?à¤¤à¤° à¤?à¤° à¤ à¤·à¥·à¤à¥·à¤°à¤-à¥?à¤?

1. à®à®à¥?à®à¥?à®à¥à®à¥à®à¥à¥? à®à® à®à¥à¥?à¥à¥à¥à¥à¥à¥?à¥à¥à¥à¥à¥à¥?

- **EN8:** àð-à¥?àð¹àððàð° àðµà¥?àð²à¥•àð;à¥?àð-àð¿àð²àð¿àð?à¥? àð?àð° àð®àð§à¥•àð-àð®àð®àð¶à¥?àð-à¥?àð-àð¿àð²àð¿àð?à¥? (àð?àð® àð?àð¾àð°à¥•àð-àð-)à¥ð
- **EN9:** àð¹à¥?àð? àð?à¥•àð°à¥?àð?àð®à¥?àð?àð? àð?à¥? àð-àð¾àð| àð?àððà¥•àð?à¥?àð·à¥•àð? àð?àð à¥?àð°àððàð¾, àð²à¥?àð?àð¿àð- àð®àð¶à¥?àð-àð¿àð?àð? àð?àð°àð-àð¾ àðàð§àð¿àð? àð?àð àð¿àð-à¥ð

2. à¹à¥?à¤? à¤?à¥•à¤°à¥?à¤?à¤®à¥?à¤?à¤? à¤?à¥? à¤^aà¥•à¤°à¤¤à¤¿ à¤^aà¥•à¤°à¤¤à¤¿à¤?à¥•à¤°à¤¤¿à¤¿à¤³/₄

- **EN8:** àð, àð¼àð@àð¼àð"à¥·àð"àðàðð?àð"à¥?àð°à¥·àð@àð²àð¼àð?àð?à¥·àð; àð"àð¼àð?à¥?àð@à¥·àðªàð°à¥·àð; àð àðµàð, à¥·àð¥àð¾ àð@à¥?àð? àð?àðªàð"à¥?àð? àð?àð¿àð"àð¾àð?àð¾àððàð¾ àð¹à¥?à¥ð
- **EN9:** àð?à¥·àðµà¥?àð?àð?àð¿àð?àð? àð?àð° àð?à¥?àð@à¥·àðªàð°àð¿àð?àð? àð?à¥?àð²àð¿àð• àð?àððà¥·àð?à¥?àð•à¥·àð? àð¹à¥? (HRC 50+ àð?àð à¥?àð°àððàð¾ àðªà¥·àð°àð¾àðªà¥·àðð àð?àð°àððàð¾ àð¹à¥?)à¥ð

[illegible]

- EN8: à²?à²¿à²`à²°, à²à²?à²•à², à²², à²-à²?à²²à²•à²? à²?à²° à², à²¾à²®à²¾à²•à²•à²`à²®à²¶à²?à²`à²°à²? à²?à²? à²ªà²•à²°à²•à²?à²?à²?à²?à²
- EN9: à²ªà²¿à²`, à²¶à²¾à²«à²•à²? à²?à²° à²?à²?à²¿à²?à²? à²?à²?à²² à²?à²?à², à²?à²?à²?à²•à²?-à²à²à²`à²¾à²µ à²µà²¾à²²à²? à²?à²?à²?à²?

• **EN8** â?? AISI 1040 (USA) | **EN9** â?? AISI 1060 (USA)à¥¤

• à¤-à¥?à¤¹à¤¤à¤° à¤®à¤¶à¥¶à¥?à¤²à¥?à¤-à¤¿à¤²à¤¿à¤¿à¥? à¤?à¥? à¤²à¤¿à¤¿: **EN1A** (à¤«à¥-à¤°à¥?-à¤?à¤?à¤¿à¤¿à¤? à¤¿à¥-à¤?à¥?à¤²)à¥¤

à¤?à¤ªà¤?à¥? à¤?à¥?à¤ª¨-à¤,à¤¾ à¤?à¥•à¤ª°à¥?à¤ª¡ à¤?à¥•à¤ª¨à¤¾à¤¾¾
à¤?à¤¾¾à¤ª¹à¤ª¿à¤•?

- $\alpha \otimes \beta + \mu \alpha = (\alpha + \mu) \otimes \beta$ EN8
- $\alpha(\beta\gamma) = (\alpha\beta)\gamma$ EN9 ($\alpha^1 \alpha^2 = \alpha^2 \alpha^1$)

SteelMet Industries à¤à¥·à¤°à¤¡à¤¾à¤¨ à¤?à¤°à¤¤à¤¾¾ à¤¹à¥?:

0??¹ EN8/EN9 à°à³¼à?à?à?; à-à³¼à°, à«à¥à²à¥à? à?à° à?à, à¥à?à®
à«à¥à°à¥à?à?; à?à?

0? ? ? 1 àªà¥•àª°à¥?-àª?àª? àª?àª?àª¾àª°, àª?àª°à¥•àª°à¥•àª¡, àª¡à¥•àª°à¥?àª° àª-àª¾ àª?à¥
 àª°àª¾àª?àª?àª¡ àª«àª¿àª°àª¿àª¶¶
 0? ? ? 1 àª¹à¥?àª?-àª?à¥•àª°à¥?àª?à¥?àª¡ àªµàª¿àª²à¥•àªª (àª•àª°à¥?àª²à¥•àª¡ àª-àª¾
 àª°à¥?àª°à¥•àª®àª²àª¾àª?àª?à¥•àª¡ àª-àª¾ àª?à¥àªµà¥?àª?àª?à¥•àª¡ & àª?à¥?àª®à¥•
 àªªàª°à¥•àª¡)

ð??? à¤¹à¤®à¤¸,à¥? à¤,à¤²à¤³à¤°à¥·à¤²? à¤²à¤°à¥?à¤²? à¤¤à¤²à¤²à¥?à¤²?à¥?à¤²?à¥? à¤µà¤¿à¤²à¤¿à¤°à¥·
à¤|à¥?à¤¶à¥?à¤²? à¤¬à¤¼ à¤¥à¥?à¤²? à¤²à¤°à¥à¤|à¤° à¤²à¥? à¤²à¤¿à¤²!

à¤¨à¤¿à¤¤à¥•à¤¤?à¤°à¥•à¤¤

EN8 à?à° EN9 à? à²à? -à? à²à? à?àµà¶à¥•à° -à?à²à²¼à?à? à?à¥? à²à¥?à²°à²¼
à?à²°à²à¥? à²¹à¥?à²?à?EN8 à?à²à²à¥•à²à²¼à² à?à¥•à²à¥?à? à?à¥? à²à²¼à²•
EN9 à?à²à²à¥•à²? à?à² à¥?à²°à²à²¼ à²?à¥? à²à²¼à²à²à² à²?à²°à²?à¥? à²à²?à²à²°
à²?à¥? à²à²à²à²°à²à¥? à²à²à¥? à²?à²à²à¥•à²?à²à²à²à²à² à²à²¼à²à²à²à²à²à¥•à²?à²à² -à² à²à²à¥
à²à²à²à²à²à¥•à²?à²à²à² à²¹à¥?à²à²à²¼ à²¹à¥?à²à²

SteelMet Industries àà|à¥?à°"à¥?à°? à°?à¥•à°"à¥?à°| à°@à°¶à¥?à°"à°¿à°?à°? à°?à¥? à°²à°¿à°
• à°à°à¥?à° à°³/à°° à° à°³/à°¹à¥?à°?-à°?à¥à°"à¥?à°?à¥?à°| à° à°à°à°à¥•à°¥à°³/à° à°@à¥?à°?
à°?à°²à°²à°-à¥•à°§ à°?à°°à°³/à°à°à°³/à°¹à¥?à°?à°?à°? à°¹à¥? à°?à¥?à°?à¥?à°¶à°" à°²à¥•
à°°à°³/à°²à¥•à°à° à°?à°°à¥?à°?!

à¤¶à¥•à¤°à¥?à¤£à¥?

1. BS970 1955 EN8 Steel and variants
2. à¤?à¥•à¤?à¥?à¤¡ à¤?à¤¾à¤?à¤¡
3. Posts

à¤?à¥?à¤?à¥•à¤

- ## 1. Steelmet Industries

Date

24/09/2026

à¤²à¥?à¤?à¤?

admin