

Correction to *Metall. Trans. B*, 1984, vol. 15B

Phase Relationships in the Fe-Cr-C System at Solidification Temperatures

by D. M. Kundrat, M. Chochol, and J. F. Elliott

Page 670:

Equations [3] and [4] should read as follows (with the change occurring in the superscript):

$$\delta \rightarrow \gamma$$
$$\Delta G_{Cr}^{\circ} = 18,225 - 7.180T \text{ (J/mole)} \quad [3]$$

$$\delta \rightarrow \gamma$$
$$\Delta G_{Cr}^{\circ} = 10,460 + 0.628T \text{ (J/mole)} \quad [4]$$

Page 672:

Equations [5] and [6] should read as follows (with the change occurring in the superscript):

$$K_C^{LS} \equiv X_C^S / X_C^L \times 100; \quad S = \delta, \gamma \quad [5]$$

$$K_{Cr}^{LS} \equiv X_{Cr}^S / X_{Cr}^L \times 100; \quad S = \delta, \gamma \quad [6]$$

Page 674:

The numbers and signs for Table A-1 should read as follows:

| | $L \rightarrow \delta$ | $L \rightarrow \gamma$ |
|----|------------------------|------------------------|
| Fe | -13,807 + 7.623T | -14,757 + 8.188T |
| Cr | -16,945 + 7.950T | 1,280 + 0.770T |
| C | 32,635 + 12.552T | 24,267 + 12.552T |

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Development of an Analytical Equation for Calculation of the Blast Furnace Fuel Rate

by D. M. Kundrat

Page 713:

Equation [88] should read as follows:

$$X_p = \frac{\Delta H_R^{S.L.}}{\Delta H_R^{S.L.} + Q_i} \quad [88]$$

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Effect of Small Additions of Silver on the Eutectic Temperature in the Lead-Tin System

by S. K. Tarby and M. R. Notis

Page 831:

Column 1, last two lines should read:

... Assuming ΔH° and ΔS° to be temperature independent, ...