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The optimization of the processing of low carbon reinforcing steel bars

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List of Corrections

The following changes were made to the report:

1. Introduction
   - Page number was corrected to start from 1.
2. Effects of Alloy additions to steel (Section 5.1.3.)
   - Figure 5-3 was replaced with a clearer picture (Page 9)
   - Figure 5-7 was replaced with a clearer picture (Page 10)
   - Paragraph 2 from subsection "Vanadium" was moved to subsection "Carbon". (Page11, Paragraph 1)
   - 'Alloy additions' changed to 'Alloying additions'. (Page12, Paragraph 1)
   - Last sentence was broken down and edited to provide more clarity and understanding. (Page12, Paragraph 1)
3. The Heyn Lineal Intercept Procedure (Section 5.3.1.)
   - "Figure 17" was corrected to "Figure 5-17" (Page 22, Bullet number 1)
   - Figure 5-17 was replaced with a picture of higher quality (Page 22)
4. Effect of Grain Size on Tensile Properties (Section 5.4.1.)
   - The first sentence was changed to start with "The yield strength is…" (Page 25, Paragraph 3)
5. Methodology (Section 6)
   - "(Mass %)" was added to the title of Table 6-2. (Page 38)
6. Rolling Process (Section 6.2.1.)
   - An additional statement "The temperature before the bar enters Water-box 1 is not measured or recorded." was added. (Page 40, Paragraph 4)
7. Mechanical Testing
   - "Four samples from Trial 1B" was added. (Section 8.1.3. Page 48, Paragraph 2)
   - The Y-scale of Figures 8-2, 8-9, 8-10, 8-17, 8-18 and 8-19 we minimized to highlight the trends (Sections 8.1.2, 8.2.2 and 8.3.2., Pages 47-69)
8. Grain size (Sections 8.1.4.3., 8.2.4.3 and 8.3.4.3)
   - The Columns "d (mm)" were removed from Tables 8-7, 8-14 and 8-21 (Pages 55, 64 and 73 respectively)
9. Rod Mill Cooling Data (Section 8.2.2.)
   - Last sentence was corrected to state that "minimum recommended temperature" instead of "maximum recommended temperature" (Page 59, Paragraph 2)
10. Chemical Analysis (Section 8.3.1.)
    - "C composition" changed to "C content" (Page 65, Paragraph 3)
    - 0.012% is corrected to 4.35% (Page 65, Paragraph 3)
11. Rod Mill Cooling Data (Section 8.3.2.)
    - Correction made to the number of coils higher than the maximum recommended temperature (Page 67, Paragraph 4)
12. Chemical Analysis (Section 9.1.)
    - "(Mass %)" was added to the title of Table 9-1. (Page 75)
    - The analysis of Si data was changed to state that the data is scattered and does not show a clear relationship (Page 76, Paragraph 4)

13. The number of significant figures of the axes in the following figures were reduced:
    - Figures 9-1, 9-2, 9-3 and 9-4 (Section 9.1. Pages 76 - 78)
    - Figure 9-9 Bend Test (Section 9.3.2. Page 84)
    - Figure 9-10 (Section 9.4.1. Page 85)
    - Figures 9-11 and 9-12 (Section 9.4.2. Page 86)
14. References for equations are presented in brackets and more detail can be viewed under Section 12: References
15. Correction of words such as carbon, silicon, ferrite and pearlite from upper case to lower case throughout the text.
16. Minor grammar corrections were made throughout the text.