# ISO 630-3:2012-06 (E)

## Structural steels - Part 3: Technical delivery conditions for fine-grain structural steels

## Contents

Page


Foreword ..... iv

1 Scope ..... 1

2 Normative references ..... 1

3 Terms and definitions ..... 1

4 Classification and designation ..... 2
4.1 Classification ..... 2
4.2 Grades and qualities ..... 2
4.3 Normative annexes ..... 2

5 Information to be supplied by purchaser ..... 2
5.1 Mandatory information ..... 2
5.2 Options ..... 3

6 Requirements ..... 3
6.1 Steelmaking process ..... 3
6.2 Delivery condition ..... 3
6.3 Chemical composition ..... 3
6.4 Mechanical properties ..... 3
6.5 Surface conditions ..... 4
6.6 Internal soundness ..... 4
6.7 Dimensions and tolerances on dimensions, shape and mass ..... 4

7 Inspection ..... 4

8 Sampling -- Frequency of testing ..... 4
8.1 Verification ..... 4
8.2 Test units ..... 4

9 Test methods ..... 4

10 Marking ..... 4

Annex A (normative) Steel grades S275, S355, S420 and S460: Chemical composition and mechanical properties ..... 5

Annex B (normative) Steel grades SG245, SG290, SG325, SG345, SG365, SG415 and SG460: Chemical composition and mechanical properties ..... 15

Bibliography ..... 17