DIN EN 13675:2010-10 (E)

Safety of machinery - Safety requirements for tube forming and rolling mills and their finishing line equipment (includes Amendment A1:2 010)

Contents

Page

Foreword 3

1 Scope 5

2 Normative references 6

3 Terms and definitions 8

4 List of significant hazards 9

5 Safety Requirements and/or measures 10
5.1 !General design requirements 10
5.2 List of !significant" hazards, hazardous situations, safety requirements and/or measures (Table 1) 15
5.3 Special safety requirements and/or measures 29
5.4 Noise reduction as a safety requirement 30

6 Verification of the safety requirements and/or measures 33

7 Information for use 34
7.1 !General 34
7.2 Warning devices and safety signs 34
7.3 Minimum marking" 34
7.4 !Accompanying documents" 35
7.5 Maintenance manual 37

Annex A (normative) !Safety requirements and/or measures for electrical equipment and control systems at tube forming and rolling mills and finishing line equipment" 39

Annex B (normative) !Noise test code" 43

Annex C (informative) An example of manufacturer's safety instructions for maintenance 47

Annex D (informative) List of typical plants/machinery covered by this standard 49

Annex ZA (informative) !Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC" 51

Bibliography 52