DIN EN 10120:2017-10 (E)

Steel sheet and strip for welded gas cylinders

Contents

Page

European foreword ... 3

1 Scope ... 3

2 Normative references ... 4

3 Terms and definitions ... 5

4 Classification and designation ... 5

5 Information to be supplied by the purchaser ... 5
5.1 Mandatory information ... 5
5.2 Options ... 6
5.3 Example of ordering ... 6

6 Manufacturing process ... 6
6.1 Steelmaking process ... 6
6.2 Delivery condition ... 6

7 Requirements ... 7
7.1 Chemical composition ... 7
7.2 Mechanical properties ... 8
7.3 Weldability ... 9
7.4 Tolerances ... 9
7.5 Surface condition ... 9

8 Inspection ... 9
8.1 Types of inspection and inspection documents ... 9
8.2 Tests to be carried out ... 9
8.3 Retests, sorting and reprocessing ... 10

9 Sampling ... 10
9.1 Frequency of testing ... 10
9.2 Sampling and test piece preparation ... 10

10 Test methods ... 11
10.1 Chemical analysis ... 11
10.2 Tensile test at room temperature ... 11
10.3 Other testing ... 11

11 Marking ... 11

Annex A (informative) Changes to the previous version EN 10120:2008 ... 12