# DIN EN ISO 10893-8:2011-07 (E)

## Non-destructive testing of steel tubes - Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the detection of laminar imperfections (ISO 10893-8:2011)

## Contents

Page


Foreword ..... 3

1 Scope ..... 5

2 Normative references ..... 5

3 Terms and definitions ..... 6

4 General requirements ..... 6

5 Test method ..... 7
5.1 General ..... 7
5.2 Full peripheral testing of seamless and welded (except SAW) tubes ..... 7
5.3 Testing of welded steel tubes in the area adjacent to the weld seam ..... 8
5.4 Full peripheral testing of the ends of seamless and welded tubes ..... 9

6 Reference tube ..... 9
6.1 General ..... 9
6.2 Dimensions of reference standards ..... 9
6.3 Verification of reference standards ..... 10

7 Equipment calibration and checking ..... 10

8 Acceptance ..... 11
8.1 General ..... 11
8.2 Procedure for suspect tubes ..... 11

9 Test report ..... 12

Annex A (normative) Procedure for the determination of the size of laminar imperfections by manual ultrasonic testing ..... 13