

# DIN EN ISO 10893-1:2020-10 (E)

Non-destructive testing of steel tubes - Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic tightness (ISO 10893-1:2011 + Amd 1:2020) (includes Amendment A1:2020)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1	Scope .....	7
2	Normative references .....	7
3	Terms and definitions .....	7
4	General requirements .....	8
5	Test method .....	9
5.1	Test techniques .....	9
5.2	Test equipment .....	10
6	Reference tube .....	13
6.1	General .....	13
6.2	Eddy current concentric coil technique .....	
6.3	Eddy current segment coil technique .....	
6.4	Eddy current and flux leakage rotating techniques .....	
6.5	Flux leakage -- multiple transducer technique .....	15
6.6	Dimensions of the reference standards .....	15
7	Equipment calibration and checking .....	17
8	Acceptance .....	18
9	Test report .....	18
Annex A (informative) Guidance notes on limitations of eddy current test method .....		19
Annex B (normative) Limitations of magnetic flux leakage test method .....		
European foreword to Amendment .....		
Foreword .....		5
! " Foreword to Amendment .....		! "