



Published 2008-01-15

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Non-destructive testing — Standard test method for determining residual stresses by neutron diffraction

TECHNICAL CORRIGENDUM 1

Essais non destructifs — Méthode normalisée de détermination des contraintes résiduelles par diffraction de neutrons

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to Technical Specification ISO/TS 21432:2005 was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 5, *Radiation methods*.

Page v, Foreword, para 4, line 2

Delete “normative”.

Page v, Foreword, para 5, line 3

Delete “six”, insert “three”.

Page 10, Figure 3

Delete the key, insert:

Key

X	2θ , degrees
Y	neutron counts

Page 14, Figure 6

Delete the key, insert:

Key

X	strain
Y	stress (MPa)

Page 14, Figure 7

Delete the key, insert:

Key

X	strain
Y	stress (MPa)

Page 25, Clause 10, line 5

Delete “[22]”, insert “[28]”.

Page 38, Equation (B.7)

Replace the existing equation with:

$$\frac{u(d)^2}{d^2} \approx \left[\frac{u(\lambda)}{\lambda} \right]^2 + [u(\theta)\cot\theta]^2 + [u(T)\alpha]^2 + [u(x)g]^2 \quad (\text{B.7})$$

Page 40, Bibliography, Reference [28]

Delete the existing entry, and insert:

- [28] ISO/IEC NP Guide 98-3, *Uncertainty of measurement — Part 3: Guide to the expression of uncertainty in measurement* (GUM:1995)