

**SLOVENSKI STANDARD**  
**SIST EN 60404-2:2002/A1:2008/AC:2018**  
**01-november-2018**

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**Magnetni materiali - 2. del: Metode za merjenje magnetnih lastnosti električnih jeklenih pločevin in trakov s pomočjo Epsteinovega okvira - Popravek AC (IEC 60404-2:1996/A1:2008/COR1:2018)**

Magnetic materials - Part 2: Methods of measurement of the magnetic properties of electrical steel strip and sheet by means of an Epstein frame (IEC 60404-2:1996/A1:2008/COR1:2018)

Magnetische Werkstoffe - Teil 2: Verfahren zur Bestimmung der magnetischen Eigenschaften von Elektroband und -blech mit Hilfe eines Epsteinrahmens (IEC 60404-2:1996/A1:2008/COR1:2018)

Matériaux magnétiques - Partie 2: Méthodes de mesure des propriétés magnétiques des bandes et tôles magnétiques en acier au moyen d'un cadre Epstein (IEC 60404-2:1996/A1:2008/COR1:2018)

**Ta slovenski standard je istoveten z: EN 60404-2:1998/A1:2008/AC:2018-08**

**ICS:**

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
29.030	Magnetni materiali	Magnetic materials

**SIST EN 60404-2:2002/A1:2008/AC:2018 en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60404-  
2:1998/A1:2008/AC:2018-08**

August 2018

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ICS 17.220.20; 29.030

English Version

**Magnetic materials - Part 2: Methods of measurement of the  
magnetic properties of electrical steel strip and sheet by means  
of an Epstein frame  
(IEC 60404-2:1996/A1:2008/COR1:2018)**

Matériaux magnétiques - Partie 2: Méthodes de mesure des  
propriétés magnétiques des bandes et tôles magnétiques  
en acier au moyen d'un cadre Epstein  
(IEC 60404-2:1996/A1:2008/COR1:2018)

Magnetische Werkstoffe - Teil 2: Verfahren zur Bestimmung  
der magnetischen Eigenschaften von Elektroband und -  
blech mit Hilfe eines Epsteinrahmens  
(IEC 60404-2:1996/A1:2008/COR1:2018)

This corrigendum becomes effective on 31 August 2018 for incorporation in the English language version of the EN.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

### Endorsement notice

The text of the corrigendum IEC 60404-2:1996/A1:2008/COR1:2018 was approved by CENELEC as EN 60404-2:1998/A1:2008/AC:2018-08 without any modification.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION  
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALEIEC 60404-2  
Amendment 1 to edition 3.0 2008-04IEC 60404-2  
Amendement 1 à l'édition 3.0 2008-04

MAGNETIC MATERIALS –

MATÉRIAUX MAGNÉTIQUES –

Part 2: Methods of measurement of the magnetic  
properties of electrical steel strip and sheet by  
means of an Epstein framePartie 2: Méthodes de mesure des propriétés  
magnétiques des bandes et tôles magnétiques  
en acier au moyen d'un cadre Epstein

## CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

(standards.iteh.ai)

Replace Formula (A.3) with the following new formula:

$$P_s = \frac{1}{l_m A \rho_m} \left( \frac{N_1}{RN_2} \frac{1}{T} \int_{t=0}^T U_1(t) U_2(t) dt - \frac{\tilde{U}_2^2}{R_i} \right) \cong \frac{1}{l_m A \rho_m} \left( \frac{N_1}{RN_2} \frac{1}{n} \sum_{j=0}^{n-1} u_{1j} u_{2j} - \frac{1}{R_i} \frac{1}{n} \sum_{j=0}^{n-1} u_{2j}^2 \right) \quad (\text{A.3})$$

Add the following terms to Formula (A.3):

 $R_i$  is the combined equivalent resistance of the instruments in the secondary circuit, in ohms; $\tilde{U}_2$  is the r.m.s. value of the voltage induced in the secondary winding, in volts.