

Svenska Elektriska Kommissionen, SEK

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**Transformatorer –
Oljeisolerade distributionstransformatorer –
Del 6: Fordringar och provning avseende trycksatta
korrugerade lådor**

*Three phase oil-immersed distribution transformers 50 Hz, from 50 kVA to 2 500 kVA
with highest voltage for equipment not exceeding 36 kV –
Part 6: Requirements and tests concerning pressurised corrugated tanks*

Denna svenska standard innehåller den engelska språkversionen av CENELECs harmoniseringsbeslut redovisat i HD 428.6 S1:2002.

**Three phase oil-immersed distribution transformers 50 Hz,
from 50 kVA to 2 500 kVA with highest voltage
for equipment not exceeding 36 kV
Part 6: Requirements and tests concerning pressurised corrugated tanks**

Transformateurs 50 Hz de distribution
triphases à immersion dans l'huile,
de 50 kVA à 2 500 kVA
avec tension supérieure pour l'équipement
ne dépassant pas 36 kV
Partie 6: Prescriptions et essais relatifs aux
cuves sous pression

Drehstrom-Öl-Verteilungstransformatoren
50 Hz, 50 kVA bis 2 500 kVA
mit einer höchsten Spannung
für Betriebsmittel bis 36 kV
Teil 6: Anforderungen und Prüfungen
für druckbeanspruchte Wellwandkessel

This Harmonization Document was approved by CENELEC on 2002-02-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning such national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This Harmonization Document was prepared by the Technical Committee CENELEC TC 14, Power transformers.

The text of the draft was submitted to the formal vote and was approved by CENELEC as HD 428.6 S1 on 2002-02-01.

- latest date by which the existence of the HD
has to be announced at national level (doa) 2002-08-01
 - latest date by which the HD has to be implemented
at national level by publication of a harmonized
national standard or by endorsement (dop) 2003-02-01
 - latest date by which the national standards conflicting
with the HD have to be withdrawn (dow) 2005-02-01
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1 Scope

This part 6 of HD 428 series is applicable to test procedures to verify the mechanical withstand capability of the corrugated tanks of completely oil filled and hermetically sealed distribution transformers.

NOTE Variations of oil temperature due to variations of ambient temperature and loading, result in deformation of tank walls.

