

STN	Skúšobné metódy chladiacich zariadení izolovaných prepravných prostriedkov. Časť 1: Mechanické chladiace zariadenie s výparníkom s nútenou cirkuláciou vzduchu s ohrevom alebo bez ohrevu.	STN EN 16440-1 14 0681
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Testing methodologies of refrigerating devices for insulated means of transport - Part 1: Mechanical cooling device with forced air circulation evaporator with or without heating device

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Testing methodologies of refrigerating devices for insulated means of transport - Part 1: Mechanical cooling device with forced air circulation evaporator with or without heating device

Méthodes d'essai des appareils de réfrigération pour moyens de transport isothermes - Partie 1 : Systèmes de réfrigération mécanique avec évaporateur à circulation d'air forcée ou convection et dispositifs de chauffage optionnels

Prüfung von Kühleinrichtungen für wärmegeämmte Transportmittel - Teil 1: Transportkältemaschinen mit zwangsbelüftetem Verdampfer mit oder ohne Heizeinrichtung

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Foreword

This document (EN 16440-1:2015) has been prepared by Technical Committee CEN/TC 413 “Insulated means of transport for temperature sensitive goods with or without cooling and/or heating device”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 2015 and conflicting national standards shall be withdrawn at the latest by July 2015.

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1 Scope

This European Standard applies to mechanical cooling devices with air circulation heat exchangers with or without heating device. The mechanical cooling devices are intended to be used with insulated transport equipment. They include a drive or a means of force transmission and are provided with all the components necessary for the controlled thermal transport system. The mechanical cooling devices can be powered with independent engine and/or vehicle engine and/or any other source of energy. This standard specifies the testing methodologies.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 228, *Automotive fuels - Unleaded petrol - Requirements and test methods*

EN 589, *Automotive fuels - LPG - Requirements and test methods*

EN 590, *Automotive fuels - Diesel - Requirements and test methods*

EN ISO 5801, *Industrial fans - Performance testing using standardized airways (ISO 5801)*

EN ISO/IEC 17025, *General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025)*

ISO/IEC Guide 99:2007, *International vocabulary of metrology - Basic and general concepts and associated terms (VIM)*

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