

**Steel and cast iron - Determination of
vanadium content - Potentiometric
titration method**

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EESTI STANDARDI EESSÖNA**NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 24947:2003 sisaldb Euroopa standardi EN 24947:1991 ingliskeelset teksti.	This Estonian standard EVS-EN 24947:2003 consists of the English text of the European standard EN 24947:1991.
Käesolev dokument on jõustatud 14.08.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 14.08.2003 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kätesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

Käsitlusala: This International Standard specifies a potentiometric titration method for the determination of vanadium in steel and cast iron	Scope: This International Standard specifies a potentiometric titration method for the determination of vanadium in steel and cast iron
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ICS 77.140**Võtmesõnad:**

**EUROPEAN STANDARD
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Descriptors: Steel, cast iron, chemical analysis, determination of vanadium content, potentiometric method.

English version

**Steel and cast iron
Determination of vanadium content
Potentiometric titration method
(ISO 4947 : 1986)**

Aciérs et fontes; détermination de la teneur en vanadium; méthode de titration potentiométrique (ISO 4947 : 1986)

Stahl und Gußeisen; Bestimmung des Vanadium-Gehalts; potentiometrisches Titrierverfahren (ISO 4947 : 1986)

This European Standard was approved by CEN on 1991-01-30 and is identical to the ISO Standard as referred to. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CEN

European Committee for Standardization

Comité Européen de Normalisation

Europäisches Komitee für Normung

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Foreword

On the proposal of Technical Committee TC 20, the Coordinating Commission (COCOR) of the European Committee for Iron and Steel Standardization (ECISS) decided in January 1991 to submit International Standard ISO 4947 : 1986 Steel and cast iron – Determination of vanadium content – Potentiometric titration method to Formal Vote.

This European Standard was approved by CEN on 1991-01-30.

In accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard:

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of International Standard ISO 4947 : 1986 was approved by CEN as a European Standard without any modification.