



SWEDISH  
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**SVENSK STANDARD**  
**SS-EN 13146-6**

Fastställd 2002-06-07

Utgåva 1

**Järnvägsanläggningar – Spår – Provnings-  
metoder för befästningssystem –**  
Del 6: Påverkan av svåra miljöförhållanden

**Railway applications – Track – Test methods  
for fastening systems –**  
Part 6: Effect of severe environmental conditions

ICS 19.040; 93.100

Språk: engelska

Tryckt i augusti 2002

Europastandarden EN 13146-6:2002 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 13146-6:2002.

The European Standard EN 13146-6:2002 has the status of a Swedish Standard. This document contains the official English version of EN 13146-6:2002.

Dokumentet består av 8 sidor.

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 13146-6**

May 2002

ICS 19.040; 93.100

English version

## Railway applications - Track - Test methods for fastening systems - Part 6: Effect of severe environmental conditions

Applications ferroviaires - Voie - Méthodes d'essai pour les systèmes de fixation - Partie 6: Effet résultant de conditions environnantes rigoureuses

Bahnanwendungen - Oberbau - Prüfverfahren für Befestigungssysteme - Teil 6: Auswirkung von starken Umwelteinflüssen

This European Standard was approved by CEN on 6 March 2002.

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 Management Centre 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 Management Centre has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION  
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## Foreword

This document (EN 13146-6:2002) has been prepared by Technical Committee CEN/TC 256, "Railway Applications", 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 November 2002, and conflicting national standards shall be withdrawn at the latest by November 2002.

This document has been prepared under mandates (M/024<sup>1</sup>, M/275<sup>2</sup>) given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

No existing European Standard is superseded.

This European Standard is one of the series EN 13146 as listed below:

- *Part 1: Determination of longitudinal rail restraint;*
- *Part 2: Determination of torsional resistance;*
- *Part 3: Determination of attenuation of impact loads;*
- *Part 4: Effect of repeated loading;*
- *Part 5: Determination of electrical resistance;*
- *Part 6: Effect of severe environmental conditions;*
- *Part 7: Determination of clamping force;*
- *Part 8: In service testing.*

These support the requirements in the series EN 13481 "Railway applications — Track — Performance requirements for fastening systems", Parts 1-7.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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<sup>1</sup> Railway equipment.

<sup>2</sup> Standardization in the field of Railway Equipment on the Interoperability of the Trans-European High-Speed Rail System.

## **EN 13146-6:2002 (E)**

### **Introduction**

This part of EN 13146 includes the only test procedure to find the effect of severe environmental conditions which is generally available at present. It is hoped that test procedures covering other environmental conditions will be included in future revisions.