September 2014

DIN EN 16191

ICS 91.220; 93.060

Supersedes
DIN EN 815:2009-12 and
DIN EN 12336:2010-03

Tunnelling machinery – Safety requirements; English version EN 16191:2014, English translation of DIN EN 16191:2014-09

Tunnelbaumaschinen –
Sicherheitstechnische Anforderungen;
Englische Fassung EN 16191:2014,
Englische Übersetzung von DIN EN 16191:2014-09

Tunneliers –
Prescriptions de sécurité;
Version anglaise EN 16191:2014,
Traduction anglaise de DIN EN 16191:2014-09

Document comprises 52 pages

Translation by DIN-Sprachendienst.
In case of doubt, the German-language original shall be considered authoritative.

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A comma is used as the decimal marker.

National foreword

This standard includes safety requirements.

This document (EN 16191:2014) has been prepared by Technical Committee CEN/TC 151 “Construction equipment and building material machines — Safety” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was the *DIN-Normenausschuss Maschinenbau* (DIN Standards Committee Mechanical Engineering), Working Committee NA 060-13-04 AA *Tunnelbaumaschinen* of Section *Bau- und Baustoffmaschinen*. Representatives of manufacturers and users of tunnelling machinery, and of the employers’ liability insurance associations contributed to this standard.

This standard contains specifications meeting the essential requirements set out in Annex I of the “Machinery Directive”, Directive 2006/42/EC, and which apply to machines that are either first placed on the market or commissioned within the EEA. This standard serves to facilitate proof of compliance with the essential requirements of that directive.

Once this standard is cited in the Official Journal of the European Union, it is deemed a “harmonized” standard and thus, a manufacturer applying this standard may assume compliance with the requirements of the Machinery Directive (“presumption of conformity”).

The European Standards referred to in Clause 2 and in the Bibliography of the EN have been published as the corresponding DIN EN or DIN EN ISO Standards with the same number.

For the International Standards which have not been published as DIN ISO Standards with the same number, there are no national standards available.

Amendments

This standard differs from DIN EN 815:2009-12 and DIN EN 12336:2010-03 as follows:

a) Clause 1 “Scope” has been updated;

b) normative references have been updated;

c) requirements on access systems, especially on minimum dimensions on walkways and access openings have been updated;

d) requirements on control systems have been updated;

e) specifications on fire prevention and protection have been updated;

f) specifications on the noise test code have been updated.

Previous editions

DIN EN 815: 1996-11, 2009-12
DIN EN 815/A1: 2005-05
DIN EN 12336: 2005-08, 2010-03

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 16191

May 2014

ICS 91.220; 93.060

Supersedes EN 12336:2005+A1:2008,
EN 815:1996+A2:2008

English Version

Tunnelling machinery - Safety requirements

Tunneliers - Prescriptions de sécurité

Tunnelbaumaschinen - Sicherheitstechnische Anforderungen

This European Standard was approved by CEN on 10 April 2014.

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