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Railway applications - Track - Forged rail transitions

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/15

Obsahuje: EN 16273:2014

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Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy  
rozmnžovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

ICS 93.100

English Version

## Railway applications - Track - Forged rail transitions

Applications ferroviaires - Voie - Rails forgés

Bahnanwendungen - Oberbau - Geschmiedete  
Schienenübergänge

This European Standard was approved by CEN on 25 October 2014.

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<b>Contents</b>	<b>Page</b>
Foreword.....	4
Introduction .....	5
1 Scope .....	6
2 Normative references .....	6
3 Terms and definitions .....	6
4 Information to be supplied for approval.....	8
4.1 By the purchaser.....	8
4.2 By the manufacturer.....	8
5 Approval of the manufacturer .....	8
6 Requirements for the forging process .....	9
6.1 General.....	9
6.2 Forging parameters .....	9
6.3 Post heat treatment .....	9
6.4 Profile finishing.....	9
6.5 Cutting to length .....	9
6.6 Identification.....	9
7 Procedure approval .....	9
7.1 General.....	9
7.2 Test specimen preparation .....	10
7.3 Number of specimens .....	10
7.4 Non-destructive approval tests .....	10
7.4.1 Geometry and dimensions.....	10
7.4.2 Visual inspection .....	13
7.4.3 Surface finish .....	13
7.4.4 Dye penetrant (DPI) or magnetic particle inspection (MPI).....	13
7.4.5 Ultrasonic testing (UT) .....	13
7.5 Destructive approval tests .....	14
7.5.1 Hardness distribution.....	14
7.5.2 Switch rails: hardness distribution in the rail head .....	16
7.6 Test report .....	18
7.7 Validity of approval.....	18
8 Production tests.....	18
8.1 Switches .....	18
8.1.1 General.....	18
8.1.2 Geometry and dimensions.....	19
8.1.3 Hardness testing.....	19
8.2 Transition rails .....	20
8.2.1 General.....	20
8.2.2 Hardness.....	20
Annex A (informative) Ultrasonic testing .....	22
A.1 Reference line (DAC) generation – reference block.....	22
A.2 Reference line (DAC) generation and acceptance criteria .....	23
Annex B (informative) Documentation of approval tests .....	24

<b>B.1</b>	<b>Forged switch rails .....</b>	<b>24</b>
<b>B.1.1</b>	<b>General information .....</b>	<b>24</b>
<b>B.1.2</b>	<b>Geometry and dimensions .....</b>	<b>24</b>
<b>B.1.3</b>	<b>Dye penetrant (DPI) or magnetic particle inspection (MPI).....</b>	<b>27</b>
<b>B.1.4</b>	<b>Ultrasonic testing (UT) .....</b>	<b>27</b>
<b>B.1.5</b>	<b>Hardness distribution on the surface.....</b>	<b>28</b>
<b>B.1.6</b>	<b>Test results of hardness distribution on the rail head .....</b>	<b>28</b>
<b>B.1.7</b>	<b>Test results of hardness distribution on the rail foot.....</b>	<b>30</b>
<b>B.2</b>	<b>Forged transition rails.....</b>	<b>32</b>
<b>B.2.1</b>	<b>General information .....</b>	<b>32</b>
<b>B.2.2</b>	<b>Geometry and dimensions .....</b>	<b>33</b>
<b>B.2.3</b>	<b>Dye penetrant (DPI) or magnetic particle inspection (MPI).....</b>	<b>34</b>
<b>B.2.4</b>	<b>Ultrasonic testing (UT) .....</b>	<b>34</b>
<b>B.2.5</b>	<b>Hardness distribution on the surface.....</b>	<b>35</b>
<b>B.2.6</b>	<b>Test results of hardness distribution on the rail head .....</b>	<b>36</b>
<b>B.2.7</b>	<b>Test results of hardness distribution on the rail foot.....</b>	<b>36</b>
	<b>Bibliography.....</b>	<b>38</b>

## **Foreword**

This document (EN 16273:2014) 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 June 2015 and conflicting national standards shall be withdrawn at the latest by June 2015.

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## **Introduction**

This European Standard has three main topics:

- requirements of a forged part;
- procedure approval;
- forged rail production following approval.

This European Standard satisfies the needs of the railway authority and the manufacturer should achieve the specified requirements of this standard.

## 1 Scope

This European Standard specifies the requirements for the approval of a process wherein a rail of one profile has part of its length forged to a different profile, together with the requirements for subsequent forging production and product acceptance.

This European Standard applies to new railway rails according to EN 13674-1, and to switch and crossing rails used in conjunction with railway rails 46 kg/m and above according to EN 13674-2, to be welded or fish plated to make up switch rails or transition rails intended for use on railway infrastructures.

## 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 13232–5:2005+A1:2011, *Railway applications – Track – Switches and crossings – Part 5: Switches*

EN 13674-1:2011, *Railway applications – Track – Rail – Part 1: Vignole railway rails 46 kg/m and above*

EN 13674-2, *Railway applications – Track – Rail – Part 2: Switch and crossing rails used in conjunction with Vignole railway rails 46 kg/m and above*

EN ISO 3452-1, *Non-destructive testing – Penetrant testing – Part 1: General principles (ISO 3452-1)*

EN ISO 9934 (all parts), *Non-destructive testing – Magnetic particle testing (ISO 9934)*

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