

Maintenance - Qualification of maintenance personnel

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NATIONAL FOREWORD

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ICS 03.080.10, 03.100.30

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English Version

Maintenance - Qualification of maintenance personnel

Maintenance - Qualification du personnel de la
maintenance

Instandhaltung - Qualifikation des Instandhaltungspersonals

This European Standard was approved by CEN on 18 July 2014.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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Contents

Page

Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Competences	6
4.1 Competences of a Maintenance Technician Specialist	6
4.2 Competences of a Maintenance Supervisor and Maintenance Engineer	7
4.3 Competences of a Maintenance Manager	8
5 Required minimum skills and essential knowledge (profile)	8
5.1 Required minimum skills and essential knowledge for a Maintenance Technician Specialist	8
5.2 Required minimum skills and essential knowledge for a Maintenance Supervisor/Engineer	12
5.3 Required minimum skills and essential knowledge for a Maintenance Manager	18
6 Essential requirements and experience	24
6.1 Maintenance Technician Specialist	24
6.2 Maintenance Supervisor and/or a Maintenance Engineer	24
6.3 Maintenance Manager	24
Annex A (informative) Example of a Maintenance Technician Specialist tasks	26
A.1 Economics	26
A.2 Customers	26
A.3 Processes	26
A.4 Staff	26
A.5 External partners	26
Annex B (informative) Example of a Maintenance Supervisor/Engineer tasks	27
B.1 Economics	27
B.2 Customers	27
B.3 Processes	27
B.4 Staff	28
B.5 External partners	29
Annex C (informative) Example of a Maintenance Manager tasks	30
C.1 Economics	30
C.2 Customers	30
C.3 Processes	30
C.4 Staff	31
C.5 External partners	31
Bibliography	32

Foreword

This document (EN 15628:2014) has been prepared by Technical Committee CEN/TC 319 "Maintenance", the secretariat of which is held by UNI.

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 February 2015, and conflicting national standards shall be withdrawn at the latest by February 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes CEN/TR 15628:2007.

This document includes the following significant technical changes with respect to CEN/TR 15628:2007:

- substantial improvement;
- revision of the structure to orient the document to the tasks rather than to the knowledge;
- full consideration of the recommendation included in the European Qualification Framework (*Recommendation of the European Parliament and of the Council of 23 April 2008 on the establishment of the European Qualifications Framework for lifelong learning*) [4].

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

Due to the growing extent and the increasing complexity of maintenance in the European industry, very diverse occupational profiles have evolved for maintenance personnel in the different member states. This European Standard specifies requirements such as competences, essential knowledge as well as basic and target qualifications. These requirements are recommended to obtain a specific qualification and to ensure highly qualified professional personnel at the different functions and/or positions in maintenance.

1 Scope

This European Standard specifies the qualification of the personnel with regard to the tasks to be performed in the context of the maintenance of plant, infrastructure and production systems.

In this European Standard, maintenance of plants and buildings is included in terms of technical aspects of services.

This European Standard guides to define the knowledge, skills and competencies required for the qualification of maintenance personnel.

This European Standard covers the following professional persons in the maintenance organization:

- Maintenance Technician Specialist;
- Maintenance Supervisor and Maintenance Engineer;
- Maintenance Manager (Responsible of Maintenance Function or Service).

This European Standard does not specify the verification criteria nor the specialized training of the personnel, which is related to the specific commodity sector.

NOTE Specialization and profession are the subject of the training carried out in the relevant sector.

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 13306:2010, *Maintenance — Maintenance terminology*

EN ISO 9000:2005, *Quality management systems — Fundamentals and vocabulary (ISO 9000:2005)*

EN ISO 14001:2004, *Environmental management systems — Requirements with guidance for use (ISO 14001:2004)*

IEC 60050-191:1990¹⁾, *International Electrotechnical Vocabulary — Chapter 191: Dependability and quality of service*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13306:2010, EN ISO 9000:2005, EN ISO 14001:2004 and IEC 60050-191:1990, and the following apply.

3.1

competence

proven ability to use knowledge, skills and personal, social and/or methodological abilities, in work or study situations and in professional and personal development

1) IEC 60050-191:1990 is impacted by the stand-alone amendments IEC 60050-191:1990-am1:1999 and IEC 60050-191:1990-am1:2002.