

Available in English, French and German

EUROPÄISCHE NORM

EN 15628

EUROPEAN STANDARD

NORME EUROPÉENNE

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ICS 03.080.10; 03.100.30

Ersatz für CEN/TR 15628:2007

Deutsche Fassung

Instandhaltung - Qualifikation des Instandhaltungspersonals

Maintenance - Qualification of maintenance personnel

Maintenance - Qualification du personnel de la
maintenance

Harmonized learning outcomes including:



TnPM, Qingdao (China) 2014

Prerequisites

Work tasks

Learning outcomes:

- Knowledge
- skills
- competencies

References to National and/or International qualification systems.



World
Maintenance
Forum

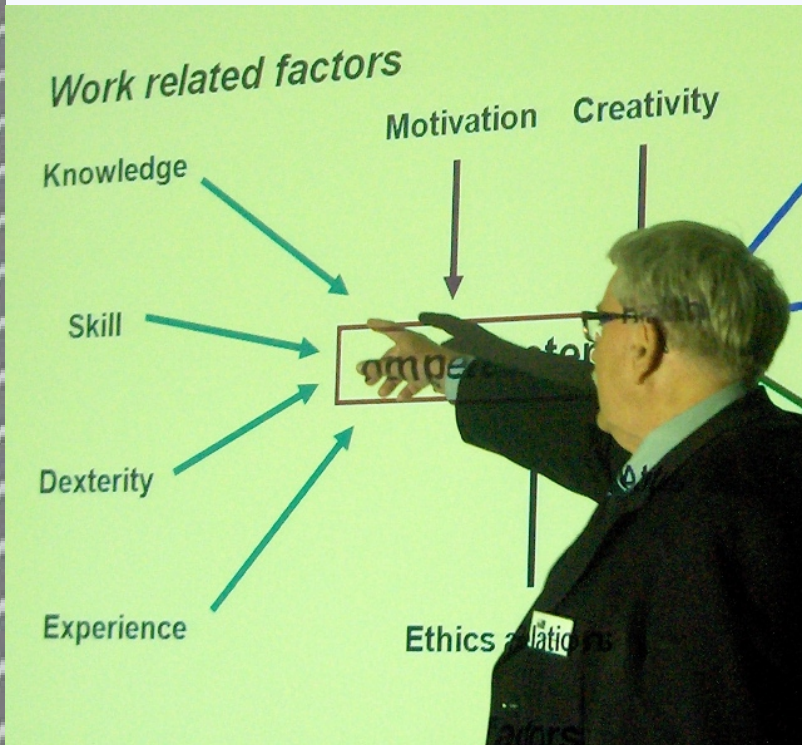
Harmonized training guidelines for:

Maintenance Managers

Maintenance Engineers

Maintenance Supervisors

**Maintenance Technician
Specialists**



Training Workshop, Lugano
(Switzerland) 2013



Harmonized qualification system, based on:

Transparency

Defined Learning outcomes

Assessment system

Local institutes



Training Workshop, Lugano
(Switzerland) 2013

A harmonized international qualification system includes:

Regional institutes

Training guidelines

Training facilities

Development by R+D

Quality assurance

Qualification system



A new spirit.

- Harmonized transfer of skills and best practice.
- Harmonized training guidelines.
- A transparent and assessable qualification system.

High recognition (Personnel, companies, services)

Dividend

Recognition of companies / services
Improvement of business potentials

Outlook 4.0 - Some thoughts:



IBM booth (2018),
EuroMaintenance 4.0

- Maintenance 4.0 is running behind the development in “Industry 4.0 projects”:
New skills are necessary.
- Maintenance personnel is less academic than production personnel:
Easy implementation and use.
- A tricky question will be, how to integrate new network-driven IT-techniques in Maintenance.

Outlook 4.0 - Some thoughts:

I think, the whole structure of maintenance will have to be reconsidered in the future.

Specialized engineers and/or Maintenance Engineers will be involved in production and maintenance.

Equipment suppliers, producing industry, service suppliers, technical universities, professional schools and others will gain in importance as partners.

**I hope we will be successful in implementing a flexible
and
harmonized international qualification system in the
frame of the International Maintenance Association
(IAM) – together with local partners.**

Thank you very much for your attention.