

DIN ISO 18436-1



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Supersedes
DIN ISO 18436-1:2013-05

**Condition monitoring and diagnostics of machine systems –
Requirements for certification of personnel –
Part 1: Sector specific requirements for certification bodies and the
certification process (ISO 18436-1:2021),
English translation of DIN ISO 18436-1:2022-06**

Zustandsüberwachung und -diagnostik von Maschinen –
Anforderungen an die Zertifizierung von Personal –
Teil 1: Sektorspezifische Anforderungen an Zertifizierungsstellen und den
Zertifizierungsvorgang (ISO 18436-1:2021),
Englische Übersetzung von DIN ISO 18436-1:2022-06

Surveillance et diagnostic d'état des machines –
Exigences relatives à la certification du personnel –
Partie 1: Exigences relatives aux organismes d'évaluation et au mode opératoire d'évaluation
(ISO 18436-1:2021),
Traduction anglaise de DIN ISO 18436-1:2022-06

Document comprises 13 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

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National foreword

This document (ISO 18436-1:2021) has been prepared by Technical Committee ISO/TC 108 “Mechanical vibration, shock and condition monitoring”, Subcommittee SC 5 “Condition monitoring and diagnostics of machine systems” (Secretariat: SA, Australia).

The responsible German body involved in its preparation was *DIN/VDI-Normenausschuss Akustik, Lärminderung und Schwingungstechnik* (DIN/VDI Standards Committee Acoustics, Noise Control and Vibration Engineering), Working Committee NA 001-03-05 AA (NALS/VDI C 5) “Condition monitoring and diagnostics of machine systems” in collaboration with *DIN-Normenausschusses Materialprüfung* (DIN Standards Committee Materials Testing), Working Committee NA 062-08-21 AA “Qualification and certification of NDT personnel”.

In German, a differentiation is made between *Qualifizierung*: Process of demonstrating whether an entity (activity or process, product, organization, or any combination thereof) is capable of fulfilling specified requirements and *Qualifikation*: Demonstration of personal attributes, education, training and/or work experience. Both terms in English are “Qualification”.

DIN ISO 18436 consists of the following parts, under the general title *Condition monitoring and diagnostics of machine systems — Requirements for certification of personnel*:

- *Part 1: Sector specific requirements for certification bodies and the certification process*
- *Part 2: Vibration condition monitoring and diagnostics*
- *Part 3: Requirements for training bodies and the training process*
- *Part 4: Field lubricant analysis*
- *Part 5: Lubricant laboratory technician/analyst*

The DIN documents corresponding to the documents referred to in this document are as follows:

ISO 9712:2021	DIN EN ISO 9712:—*
ISO 18436-3	DIN ISO 18436-3
ISO/IEC 17000	DIN EN ISO/IEC 17000
ISO/IEC 17024	DIN EN ISO/IEC 17024

For current information on this document, please go to DIN’s website (www.din.de) and search for the document number in question.

* In preparation.

Amendments

This standard differs from DIN ISO 18436-1:2013-05 as follows:

- a) the title and the Scope have been limited to sector-specific requirements for certification bodies and the certification process;
- b) the extent has been reduced, and duplications with ISO/IEC 17024 have been deleted;
- c) Annex B “Qualifications for examiners and invigilators” has been deleted;
- d) the standard has been editorially revised.

Previous editions

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