

DIN 18312



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DIN 18312:2016-09

**German construction contract procedures (VOB) –  
Part C: General technical specifications in construction contracts (ATV) –  
Underground construction work,  
English translation of DIN 18312:2019-09**

VOB Vergabe- und Vertragsordnung für Bauleistungen –  
Teil C: Allgemeine Technische Vertragsbedingungen für Bauleistungen (ATV) –  
Untertagebauarbeiten,  
Englische Übersetzung von DIN 18312:2019-09

Cahier des charges allemand pour des travaux de bâtiment (VOB) –  
Partie C: Clauses techniques générales pour l'exécution des travaux de bâtiment (ATV) –  
Travaux au fond,  
Traduction anglaise de DIN 18312:2019-09

Document comprises 19 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.*

## **Foreword**

This document has been prepared by the *Deutscher Vergabe- und Vertragsausschuss für Bauleistungen* (DVA) (German Committee for Construction Contract Procedures).

### **Amendments**

This document differs from DIN 18312:2016-09 as follows:

- a) the document has been editorially revised;
- b) the normative references have been updated as of 2019-04.

### **Previous editions**

DIN 18312: 1984-09, 1988-09, 1992-12, 1998-05, 2000-12, 2002-12, 2010-04, 2012-09, 2015-08, 2016-09

## **Normative references**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

DIN 1960, *German construction contract procedures (VOB) — Part A: General provisions relating to the award of construction contracts*

DIN 1961, *German construction contract procedures (VOB) — Part B: General conditions of contract relating to the execution of construction work*

DIN 4020, *Geotechnical investigations for civil engineering purposes — Supplementary rules to DIN EN 1997-2*

DIN 4023, *Geotechnical investigation and testing — Graphical presentation of logs of boreholes, trial pits, shafts and adits*

DIN 4094-4, *Subsoil — Field testing — Part 4: Field vane test*

DIN 18125-2, *Soil investigation and testing — Determination of density of soil — Part 2: Field tests*

DIN 18126, *Soil, investigation and testing — Determination of density of non-cohesive soils for maximum and minimum compactness*

DIN 18128, *Soil — Investigation and testing — Determination of ignition loss*

DIN 18141-1, *Subsoil — Analysis of rock samples — Part 1: Determination of the unconfined compressive strength*

DIN 18196, *Earthworks and foundations — Soil classification for civil engineering purposes*

DIN 18299, *German construction contract procedures (VOB) — Part C: General technical specifications in construction contracts (ATV) — General rules applying to all types of construction work*

DIN 18302, *German construction contract procedures (VOB) — Part C: General technical specifications in construction contracts (ATV) — Borehole sinking operations*

DIN 18319, *German construction contract procedures (VOB) — Part C: General technical specifications in construction contracts (ATV) — Trenchless pipelaying*

DIN EN 1997-2, *Eurocode 7: Geotechnical design — Part 2: Ground investigation and testing*

DIN EN 1997-2/NA, *National Annex — Nationally determined parameters — Eurocode 7: Geotechnical design — Part 2: Ground investigation and testing*

DIN EN ISO 14688-1, *Geotechnical investigation and testing — Identification and classification of soil — Part 1: Identification and description*

DIN EN ISO 14688-2, *Geotechnical investigation and testing — Identification and classification of soil — Part 2: Principles for a classification*

DIN EN ISO 14689, *Geotechnical investigation and testing — Identification and classification of rock*

DIN EN ISO 17892-1, *Geotechnical investigation and testing — Laboratory testing of soil — Part 1: Determination of water content*

DIN EN ISO 17892-2, *Geotechnical investigation and testing — Laboratory testing of soil — Part 2: Determination of bulk density*

DIN EN ISO 17892-4, *Geotechnical investigation and testing — Laboratory testing of soil — Part 4: Determination of particle density*

DIN EN ISO 17892-7, *Geotechnical investigation and testing — Laboratory testing of soil — Part 7: Unconfined compression test*

DIN EN ISO 17892-8, *Geotechnical investigation and testing — Laboratory testing of soil — Part 8: Unconsolidated undrained triaxial test*

DIN EN ISO 17892-9, *Geotechnical investigation and testing — Laboratory testing of soil — Part 9: Consolidated triaxial compression tests on water saturated soils*

DIN EN ISO 17892-10, *Geotechnical investigation and testing — Laboratory testing of soil — Part 10: Direct shear tests*

DIN EN ISO 17892-12, *Geotechnical investigation and testing — Laboratory testing of soil — Part 12: Determination of liquid limit and plastic limits*

DIN EN ISO 22475-1, *Geotechnical investigation and testing — Sampling methods and groundwater measurements — Part 1: Technical principles for execution*

NF P18-579, *Granulats — Détermination des coefficients d'abrasivité et de broyabilité* (Aggregate — Abrasiveness and grindability tests)<sup>\*)</sup>

DGGT-Empfehlung Nr. 23: *“Bestimmung der Abrasivität von Gesteinen mit dem CERCHAR-Versuch” des AK 3.3 “Versuchstechnik Fels”* (DGGT Recommendation No. 23 “Determination of abrasiveness of rock using the CERCHAR test of AK 3.3 “Rock Testing”)<sup>\*\*)</sup>

<sup>\*)</sup> Unofficial German translation obtainable from: *Beuth Verlag GmbH*, 10772 Berlin, [www.beuth.de](http://www.beuth.de). Original standard in French obtainable from: AFNOR, 11, rue Francis de Pressensé, 93571 La Plaine Saint-Denis Cedex, France, [www.afnor.org](http://www.afnor.org).

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