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**Project risk management -- Application guidelines
(English Translation)**

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Foreword

This Standard equivalently adopts IEC 62198.2001 Project Risk Management - Application Guidelines.

The Annex A of this Standard is informative.

This Standard was proposed by China National Institute of Standardization.

This Standard shall be under the jurisdiction of National Technical Committee on Quality Management and Assurance Quality of Standardization Administration of China.

This Standard was entrusted to China National Institute of Standardization for drafting.

Drafting organization of this Standard. China National Institute of Standardization; China National Accreditation Service for Conformity Assessment; AVIC China Aero-Polytechnology

Establishment; and Beijing Institute of Planning Labor Administration.

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Project Risk Management - Application Guidelines

1 Scope

This Standard is applicable to any project with a technological content. It may also apply to other projects.

It provides a general introduction to project risk management, its subprocesses and influencing

factors. These subprocesses are.

- establishing the context, including confirmation of project objectives;
- risk identification;
- risk assessment, including risk analysis and evaluation;
- risk treatment;
- review and monitoring;
- communication (including consultation);
- learning from the project.

Guidelines are provided on the organizational requirements for implementing the process of risk management appropriate to the various phases of a project.

It is recognized that, in certain circumstances, it may be inappropriate to include all the clauses

of this standard within a contract. Accordingly, this standard should only be considered as forming part of a contract - however that contract may be formed - if the parties to that contract

explicitly call upon and refer to this standard (or parts thereof) and require it to be included within the contract.

2 Normative References

The provisions in following documents become the provisions of this Standard through reference in this Standard. For dated references, the subsequent amendments (excluding corrigendum) or revisions do not apply to this Standard, however, parties who reach an agreement based on this Standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 7826-1987 Analysis Techniques for System Reliability - Procedure for Failure Mode and Effects Analysis (FMEA) (idt IEC 812.1985)

GB/T 7829-1987 Procedure for Fault Tree Analysis (neq IEC 56)

GB/T 19016-2005 Quality Management - Guidelines to Quality in Project Management (ISO 10006.2003, IDT)

IEC 60050-191.1990 International Electrotechnical Vocabulary (IEV) - Chapter 191. Dependability and Quality of Service

IEC 60300-3-3.1996 Dependability Management - Part 3-3.Application Guide - Life Cycle Costing

3 Terms and Definitions

For the purposes of this Standard, the terms and definitions given in IEC 60050-19 and the following apply.

3.1 Product

Results of an activity or process which may include service, hardware, processed materials, software or a combination thereof.

3.2 Project

Unique process, consisting of a set of coordinated and controlled activities with start and finish

dates, undertaken to achieve an objective conforming to specific requirements, including the

constraints of time, cost and resources.

[GB/T 19000-2000, term and definition can refer to 3.4.3 (excluding NOTE)]

NOTE 1: An individual project may form part of a larger project structure.

NOTE 2: In some projects, the objective(s) is (are) refined and the product characteristics defined progressively as the project proceeds.

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