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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 39888-2021

Earned value management in project and programme management

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1.Structure and Drafting Rules of Standardization Documents"

Drafting.

The translation method used in this document is equivalent to ISO 21508.2018 "Earned Value Management in Project and Program Management".

This document was proposed and managed by the National Project Management Standardization Technical Committee (SAC/TC343).

1 Scope

This document aims to provide guidance on earned value management practices in project and program management.

This document is applicable to organizations and departments of any form or size, including public organizations or private organizations, as well as various complex processes.

The degree, scale, duration of the project or program group.

This document is divided into the following sections.

a) Terms and definitions;

b) The purpose and benefits of earned value management;

c) Integration and relationship with project or program management;

d) Process and process description overview;

e) Basic requirements of earned value management system;

f) Use of earned value management system.

This document does not provide guidance on the use of specific processes, methods or tools in the practice of earned value management.

Cost, schedule and performance analysis, commonly used formulas and related explanations, and the integration of earned value with other project or program management processes and other parameters

See Appendix A, Appendix B, and Appendix C.

2 Normative references

There are no normative references in this document.

3.1 Terms and definitions

The following terms and definitions apply to this document.

3.1.1

Activity

The work that needs to be carried out in order to complete the project or program.

Note. It can also be considered as a working element.

3.1.2

Actualcost

The cost incurred by the completed work.

Note. Actual cost is also called "actual cost of work done".

3.1.3

Budget at completion

The total projected cost of completing work related to work packages (3.1.19), activities (3.1.1), or control accounts (3.1.4).

3.1.4

Control account

Management control points, used to integrate the scope, budget, and actual cost (3.1.2) of the project or programme, work package (3.1.19) or activity (3.1.1)