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Obvladovanje premoženja - Sistemi vodenja - Zahteve

Asset management - Management systems - Requirements

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Gestion d'actifs - Systèmes de management - Exigences

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03.100.10	Nabava. Dobava. Logistika	Purchasing. Procurement. Logistics
03.100.70	Sistemi vodenja	Management systems

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Asset management — Management systems — Requirements

Gestion d'actifs — Systèmes de management — Exigences

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70 Foreword

71 ISO (the International Organization for Standardization) is a worldwide federation of national
72 standards bodies (ISO member bodies). The work of preparing International Standards is normally
73 carried out through ISO technical committees. Each member body interested in a subject for which a
74 technical committee has been established has the right to be represented on that committee.
75 International organizations, governmental and non-governmental, in liaison with ISO, also take part in
76 the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all
77 matters of electrotechnical standardization.

78 The procedures used to develop this document and those intended for its further maintenance are
79 described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the
80 different types of ISO documents should be noted. This document was drafted in accordance with the
81 editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

82 Attention is drawn to the possibility that some of the elements of this document may be the subject of
83 patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of
84 any patent rights identified during the development of the document will be in the Introduction and/or
85 on the ISO list of patent declarations received (see www.iso.org/patents).

86 Any trade name used in this document is information given for the convenience of users and does not
87 constitute an endorsement.

88 For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and
89 expressions related to conformity assessment, as well as information about ISO's adherence to the
90 World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see [www.iso](http://www.iso.org/iso/foreword.html)
91 [.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

92 This text has been prepared using the harmonized structure (i.e. identical clause numbers, clause titles,
93 text and common terms and core definitions) intended to enhance alignment among MSS and to
94 facilitate their implementation for organizations that need to meet the requirements of two or more
95 such standards.

96 Text taken from the harmonized structure is highlighted in the text of Clauses 1 to 10 by the use of blue
97 font. Discipline-specific text is given in black. Strikeout is used to show agreed deletions within the HS
98 text. The use of blue text and strikeout is only to facilitate analysis and will not be incorporated after the
99 Draft International Standard stage of development for this document.

100 This document was prepared by Technical Committee ISO/TC 251, *Asset management*.

101 This second edition of ISO 55001 cancels and replaces ISO 55001:2014, which has been technically
102 revised.

103 The main changes compared to ISO 55001:2014 are as follows:

- 104 — application of the 2021 edition of the Harmonized Structure in Annex SL of the ISO Directives part 1,
105 which includes the incorporation of the common core management system terms and definitions in
106 clause 3 of this document;
- 107 — inclusion of new subclauses dealing with asset management decision-making, the strategic asset
108 management plan and knowledge;
- 109 — making clear that operational planning and control includes life cycle management activities;

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- 110 — making clear distinction between how an organization shall address “risk” and how it shall address
111 “opportunities”;
- 112 — renaming the subclause “preventive action” to “predictive action” and full technical revision of the
113 content of this subclause;
- 114 — a stronger emphasis on leadership and its role in supporting the enablement and success of the
115 asset management system.

116 Any feedback or questions on this document should be directed to the user’s national standards body. A
117 complete listing of these bodies can be found at www.iso.org/members.html.

118

For the purposes of this Draft International Standard

Text from the ISO Harmonized Structure (HS) for management systems standards is given in **blue font**, whereas text specific to asset management is given in **black font**. Any deletions of HS text are shown in blue font with “~~strikethrough~~”.

The HS is part of the ISO/IEC Directives, Part 1, Annex SL, Appendix 2 (see: <https://www.iso.org/directives-and-policies.html>).

Annex SL, Appendix 2 can be downloaded directly from:

https://www.iso.org/committee/54996.html?t=-Duqtv8H-DoUiDQTNCpLN0UhREpjaZ130Orwm4_WLY97n2yln9bslL_OpNRIZCit&view=documents#section-isodocuments-top

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120 Introduction

121 This document specifies the requirements for the establishment, implementation, maintenance and
122 improvement of a management system for asset management, referred to as an “asset management
123 system”.

124 This document can be used by any organization of any size and in any industry. The organization
125 determines to which of its assets this document applies, taking into account its legal, regulatory and
126 contractual requirements. This document has been written to apply to all types of assets both physical
127 and non-physical.

128 This document is primarily intended for use by:

129 — those involved in the establishment, implementation, maintenance and improvement of an asset
130 management system;

131 — those contracted or involved in delivering asset management activities and service providers;

132 — internal and external parties to assess the organization’s ability to meet legal, regulatory and
133 contractual requirements and the organization’s own requirements.

134 The order in which requirements are presented in this document does not reflect their importance or
135 imply the order in which they are to be implemented.

136 Further guidance regarding the application of the requirements within this document is provided in
137 ISO 55002.

138 General information on asset management, and information on the terminology applicable to this
139 document, is provided in ISO 55000.

140 This document is based on the asset management principles described in ISO 55000. The asset
141 management principles are:

142 — value;

143 — alignment;

144 — integration

145 — leadership;

146 — adaptability;

147 — sustainability;

148 — governance.

149 The adoption of asset management principles contributes to the development of asset management in
150 organizations.

151 This document uses the term “stakeholder” rather than “interested party”.

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- 152 This document is designed to enable an organization to align and integrate its asset management
153 system with related management system requirements.
- 154 ISO/TC 251 maintains a website that provides additional information about asset management and on
155 the documents it produces. This can be found at: <https://committee.iso.org/home/tc251>

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156 **Asset Management - Asset Management System - Requirements**

157 **1 Scope**

158 This document specifies requirements for an asset management system.

159 This document can be applied to all types of assets and by all types and sizes of organizations.

160 Consistent with the organization's asset management policy, the intended results of an asset
161 management system include:

162 — realized value from assets throughout their life for the organization and its stakeholders;

163 — achievement of asset management objectives and fulfilment of applicable requirements;

164 — continual improvement of asset management, the asset management system and the performance
165 of assets.

166 NOTE 1 This document does not specify financial, accounting or technical requirements for managing specific
167 asset types.

168 NOTE 2 For the purposes of ISO 55000, ISO 55002 and this document, the term "asset management system" is
169 used to refer to a management system for asset management.

170 **2 Normative reference**

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

174 ISO 55000:202x, *Asset management — Overview, principles and terminology*

175 **3 Terms and definitions**

176 For the purposes of this document, the terms and definitions given in ISO 55000 apply as well as the
177 following.

178 ISO and IEC maintain terminological databases for use in standardization at the following addresses:

179 — ISO Online Browsing Platform: available at <http://www.iso.org/obp>

180 — IEC Electropedia: available at <http://www.electropedia.org>

181 **3.1**

182 **organization**

183 **person or group of people that has its own functions with responsibilities, authorities and relationships**
184 **to achieve its objectives (3.6)**

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185 Note 1 to entry: The concept of organization includes, but is not limited to, sole-trader, company, corporation,
186 firm, enterprise, authority, partnership, charity or institution, or part or combination thereof, whether
187 incorporated or not, public or private.

188 Note 2 to entry: If the organization is part of a larger entity, the term “organization” refers only to the part of the
189 larger entity that is within the scope of the *asset management system* (3.4).

190 Note 3 to entry: This constitutes one of the common terms and core definitions for ISO management system
191 standards given in Annex SL of the Consolidated ISO Supplement to the ISO/IEC Directives.

192 **3.2**
193 **stakeholder**
194 interested party
195 person or *organization* (3.1) that can affect, be affected by, or perceive itself to be affected by a decision
196 or activity

197 Note 1 to entry: In the English version of this document the term “stakeholder” is used instead of “interested
198 party”.

199 Note 2 to entry: This constitutes one of the common terms and core definitions for ISO management system
200 standards given in Annex SL of the Consolidated ISO Supplement to the ISO/IEC Directives. It has been modified
201 by the addition of Note 1 to entry.

202 **3.3**
203 **top management**
204 person or group of people who directs and controls an *organization* (3.1) at the highest level

205 Note 1 to entry: Top management has the power to delegate authority and provide resources within the
206 organization.

207 Note 2 to entry: If the scope of the *management system* (3.4) covers only part of an organization, then top
208 management refers to those who direct and control that part of the organization.

209 Note 3 to entry: This constitutes one of the common terms and core definitions for ISO management system
210 standards given in Annex SL of the Consolidated ISO Supplement to the ISO/IEC Directives.

211 **3.4**
212 **management system**
213 set of interrelated or interacting elements of an *organization* (3.1) to establish *policies* (3.5) and
214 *objectives* (3.6), as well as *processes* (3.8) to achieve those objectives

215 Note 1 to entry: A management system can address a single discipline or several disciplines.

216 Note 2 to entry: The management system elements include among others the organization’s structure, roles and
217 responsibilities, planning and operation.

218 Note 3 to entry: This constitutes one of the common terms and core definitions for ISO management system
219 standards given in Annex SL of the Consolidated ISO Supplement to the ISO/IEC Directives. It has been modified
220 by the addition of “among others” in Note 2 to entry.

221 **3.5**
222 **policy**
223 intentions and direction of an *organization* (3.1) as formally expressed by its *top management* (3.3)

224 Note 1 to entry: This constitutes one of the common terms and core definitions for ISO management system
225 standards given in Annex SL of the Consolidated ISO Supplement to the ISO/IEC Directives.

226 **3.6**
227 **objective**
228 result to be achieved

229 Note 1 to entry: An objective can be strategic, tactical, or operational.