

ISO 55013:2024-07 (E)

Asset management - Guidance on the management of data assets

Contents

Page

- Foreword v
- Introduction vi
- 1 Scope 1**
- 2 Normative references 1**
- 3 Terms and definitions 1**
- 4 Managing asset data 2**
 - 4.1 General 2
 - 4.2 Asset data 3
 - 4.2.1 Data requirements 3
 - 4.2.2 Processes for collection, analysis and evaluation 4
 - 4.2.3 Processes for management 4
 - 4.2.4 Alignment of terminology 4
 - 4.2.5 Consistency and traceability 4
 - 4.3 Documented information 4
 - 4.3.1 General 4
 - 4.3.2 Identification and description 4
 - 4.3.3 Format 5
 - 4.3.4 Suitability and adequacy 5
 - 4.3.5 Ensuring availability 5
 - 4.3.6 Protection of documented information 5
 - 4.4 Data life cycle stages 6
 - 4.4.1 General 6
 - 4.4.2 Define 6
 - 4.4.3 Collect 6
 - 4.4.4 Store 6
 - 4.4.5 Reporting 7
 - 4.4.6 Decide 7
 - 4.4.7 Distribute 8
 - 4.4.8 Dispose/archiving 8
- 5 Delivering value from asset data 8**
 - 5.1 Asset data’s role in decision-making 8
 - 5.2 Usefulness of asset data 9
 - 5.3 Align with prevailing data standards 9
 - 5.4 Acquisition, storage and disposal of asset data 9
 - 5.5 Costs and benefits of the usefulness of asset data 10
- 6 Identifying data assets 10**
 - 6.1 General 10
 - 6.2 Key considerations for recognizing data assets 10
- 7 Managing data assets 11**
 - 7.1 General 11
 - 7.1.1 Benefits provided by management of data assets 11
 - 7.1.2 Support for organizational objectives 11
 - 7.2 Identify data related to each organizational objective and strategy 11
 - 7.3 Assess data availability 12
 - 7.4 Applying asset management to data assets 12

7.5 Interoperability of the data asset 13
7.6 Digital preservation 13
7.7 Culture 13
8 Governance 14
Annex A (informative) Data activities 15
Annex B (informative) Data asset examples 18
Bibliography 20