

ISO 23386:2020-03 (E)

Building information modelling and other digital processes used in construction - Methodology to describe, auth or and maintain properties in interconnected data dictionaries

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Rules to define properties and groups of properties	5
4.1	General	5
4.2	Property	5
4.3	Group of properties	6
4.4	Attributes list	6
4.4.1	Attributes of a property	6
4.4.2	Attributes of a group of properties	18
5	Management rules to author and maintain properties and groups of properties	24
5.1	Interactions amongst users, experts and data dictionaries	24
5.2	Description of actions	26
5.2.1	General	26
5.2.2	Requests	27
5.2.3	Management of duplicates	28
5.3	Naming of reference documents	28
5.3.1	Standardization documents	28
5.3.2	Regulation documents	28
5.3.3	Other documents	29
5.4	List of request attributes	29
5.5	Connection between data dictionaries, sharing and mapping properties and groups of properties	31
5.6	Data dictionaries interconnection	31
6	Governance of a data dictionary	31
6.1	General	31
6.2	Experts' management structure	31
6.3	Commissions of experts	32
6.3.1	General	32
6.3.2	Missions of the commissions of experts	32
6.3.3	Opinions of the commissions of experts	32
7	Governance of a network of data dictionaries	32
Annex A (informative)	Implementation of the process for a manufacturer searching for product properties related to fire regulations	33
Annex B (informative)	Examples of composition of a management structure	35
Annex C (informative)	Example of base and derived quantities	37
Annex D (informative)	Example of composition of a commission of experts	39
Bibliography		40